2020

API Guide : Helical Insight

API Guide of Helical Insight BI Tool Version: 3.1

API Guide is an in-depth document informing about all the APIs used in detail along with examples.

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Prerequisites

Product Information

This API document is applicable for Helical Insight version: Helical Insight 3.1

Server side requirement

Java	Java version 1.8	
Operating System	Windows 7/8/10, Linux, Mac OS	
Database	MySQL / Postgresql / Derby	
application Server	Any servlet container (eg: Apache Tomcat version 6 or higher) or full blown Java EE application server (eg: Jboss) or jetty 9.2	

Minimum Hardware Requirements :

RAM	4 GB
Processor	2.5GHz + multi-core Pentium for Windows, Mac, and Linux
Disk Space	10 GB

Browser Settings

- **Browser:** Mozilla Firefox , Google Chrome, Safari
- Javascript should be enabled
- Cookies have to be enabled

Preinstallation Configuration

When the application is installed with the configured database then two default users (**super user** and **super admin**) are created in the database. Following are the list of tables where user details are stored :

- h_users
- organization
- role
- user_role
- profile

Two different roles are configured in setting.xml file which is located at \${SOLUTION DIRECTORY}/ System / Admin directory. The default configured roles are **ROLE_ADMIN** and **ROLE_USER**. If the respective roles are changed in the setting.xml then WEB-INF/spring-security.xml file also need to be updated before installing the application.

Snippet of setting.xml

<defaultRoleNames>

<roleUser email="user@helicaltech.com" name="hiuser">ROLE_USER</roleUser> <roleAdmin email="admin@helicaltech.com" name="hiadmin">ROLE_ADMIN</roleAdmin> </defaultRoleNames>

Here, username / email / default roles can be configured as required.

Super admin: This user has no organization and its default role is ROLE_ADMIN. This user has authority to modify organization / user details such as add / remove and so on.

Super user: This user does not belong to any organization and its default role is ROLE_USER. The superuser has the authority to share reports / files with all the users registered and can access reports / files which are being shared with superuser.

Organization Admin: This user has an organization (created by superadmin) and its default role is ROLE_ADMIN of that respective organization. This user has authority to modify user details of that organization.

Organization User: This user (created by organization admin) has an organization and has default role ROLE_USER of that respective organization. This user has authority to view reports/files that has been shared with the user as well as can share reports/ files within the organization.

After logging into the application, the server sets JSESSIONID attribute in the client cookie. The server time, session expiry details, current time is also set in the cookie. Thereon the browser uses these cookies with every request.

Following are the cookie details:

- currentTime 1449500912771
- serverTime 1449490981479
- sessionExpiry 1449490981479

•

Note: The above cookies are set in the path of the context.

The server also stores additional information in the session. The spring security mechanism stores the user information such as user role, user profile, email and other user details.

Pre-requisite to Test API service:

>We are using POSTMAN tool to test API service. >Select **'x-www-form-urlencoded'** unde**r Body** while sending the parameters using **POST** method

>While passing formData: value make sure that the value should be passed in single line.

For Ex. formData:{"name":"ROLE_developer","organisation":"118"}

>Before running API service, Authenticated user should Login. [Refer login module], If the user is not logged in then you will get login page.

Definations:

HTTP Request MethodS :

GET : HTTP Request to get data from server using URL.

POST : HTTP Request to send data to server using URL.

HTTP Request Key :	HTTP Request Key is the json object key.
HTTP Request Value:	HTTP Request Key is the json object value for particular HTTP
Request Value.	

SERVICE STATUS:

- 200 Success OK
- 302 Redirection error
- 304 Not modified
- 404 Not Found
- 401 Access Denied / unauthorized
- 500 Internal Server

1. Login Module

The Login Module is a portal module that allows users to type a user name and password and organization name(optional) to log in to the **"Helical Insight application".** The application is no longer available to users after they have logged in.

1.1 REST Login

URL	rest/login		
Description	With REST login w	e can login to helical insight application.	
	The REST login stores the JSESSIONID, serverTime, sessionExpiry		
	information in cookies.		
Pre-requisite	The Helical Insight	Application should be up.	
Accessible for	Every user.		
HTTP Request	POST	POST	
Method			
Example	Access through Brow	ver :	
	http://192.168.2.196:7085/hi-ee/rest/login		
		1	
	Access through Curl command :		
	and duit means this during is a second this during		
	curi -a 'j_username=niadmin&j_password=niadmin''		
UTTD Dequest	IIII. 192.100.2.19	Description	
Kov	Voluo	Description	
i organization:	(optional)	Leave the organization name as blank	
j_organization.	(Optional)	Enter user name	
j_username.	hiadmin	Enter the password	
j_passworu.		Enter the password	
Output	1 "Cookie":		
Output	$= \frac{1}{2} $		
	"Set-Cookie"		
	"ISESSIONID-80BD0C30CCD3551CCC1A92DFC9A6DR82"		
	"Access-Control-Allow-Credentials". "true"		
	"Content-Type": "application/ison"		
	"currentTime": 1571118753899.		
	"serverTime": 1571118753899.		
	servertime . 15	//1110/33033,	
	"sessionExpiry":	1571120553899	

Description of	REST login returns the stored cookie information as response
Response	
Output:	
	200.01/
Service Status	200 OK
Screenshot	POST • http://192.168.2.196:7085/hi-ee/rest/login Save •
	Params Authorization Headers (9) Body • Pre-request Script Tests Settings Cookies Code
	none form-data 💿 x-www-form-urlencoded 💿 raw 💿 binary 💿 GraphQL BETA
	Key-Value Edit
	Rodu Cookie (1) Handor (7) Terr Benuhr Status 200 OK Time 1006ms Stre 503 B Save Response •
	Body Cookes (1) Headers (7) Les Results
	<pre>2 "Cookier: "JSESSIONID-8000C38CICC14920FC9A0082", 3 "Set-Cookie": "JSESSIONID-8000C38SICC14920FC9A0082", 4 "Access-Contol-Allac." true", 5 "Content-Type": "application/jaon", 6 "currentTime": IS71118753090, 7 "serverTime": IS71118753090, 8 "sessionExpiry": IS7112653890</pre>
Post-action	After REST login you can access the Helical Insight application using
	cookie information

1.1.1 REST Login using JWT (JSON Web Token) Authentication

URL	rest/authToken	
Description	With REST login u	using JWT authentication we can login to helical insight
	application using t	oken value.
	The REST login J	WT authentication returns the token , issued time and
	expiry time.	
Pre-requisite	The Helical Insight Application should be up.	
Accessible for	Every user.	
HTTP Request	POST	
Method		
Example	Access through Brow	wer:
	1	
	http://192.168.2.15	b6:8085/h1-ee/rest/authToken
HTTP Request	HTTP Request	Description
Key	Value	-
username:organi	hiadmin	Enter user name.In case of organization user need to
zation(optional)		provide it with username. For Ex.
_		User_name:Organization_name
password:	hiadmin	Enter the password
Response	{	

Output	"token": "Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJoaWFkbWluIiwic2NvcGVzIjoiUk9MR V9BRE1JTixST0xFX1VTRVIiLCJpYXQiOjE1NzExMjAxMzcsImV4cCI6MT U4OTEyMDEzN30.JH3f2OUbM- LxTExVHT9K5LWhsQgRg5Kgqi1ElFfkw90", "issuedAt": 1571120137000, "expiration": 1589120137000 }
Description of	REST login JWT token authentication returns the bearer type token along with
Response Output:	token issued and token expiry time-stamp.
Service Status	200 OK
Screenshot	Post http://192.168.2.196:7085/hi-ee/rest/authToken Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies Cookies
Post-action	After REST login JWT authentication you can access the Helical Insight application using bearer type token

1.2 Impersonate/MIMIC Login

URL	mock/impersonate?username=user_name:organization_name
Description	User can impersonate/MIMIC any user through Superadmin user/ROLE_Admin.
Pre-requisite	The Helical Insight Application should be up.
Accessible for	Every user except ROLE_ADMIN user/Superadmin
HTTP Request Method	POST
Example	Access through Brower :
	http://192.168.2.196:7085/hi-ee/mock/impersonate?username=hiuser

HTTP Request Key	HTTP Request Value	Description
username:organi zation(optional)	hiadmin	Enter user name.In case of organization user need to provide it with username.For Ex. User_name:Organization_name
Response Output	Response of service API is nothing but the HTML contents of welcome.html for impersonate user.	
Service Status	200 OK	
Screenshot	POST	/hi-ee/mock/impersonate?username=hiuser Body ● Pre-request Script: Tests Settings Cookies: Code rtencoded ● raw ● binary ● GraphQL BITA Key-Value Edit
	Body Cookies (4) Headers (8) Test Result Pretty Raw Preview Visualize ^{BEI} DISCOVER Troining ☆ Getting Storted	s Status: 200 OK Time: 36ms Size: 25.57 KB Save Response +

1.3 Logout

URL	j_spring_security_logout
Description	We can logout from helical insight application if its already logged in.
Pre-requisite	User should have logged in before accessing the service.[Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	Every user.
HTTP Request	GET,POST
Method	
Example	Access through Brower :
	http://192.168.2.156:8085/hi-ee/j_spring_security_logout
	Access through Curl command :
	curl http://192.168.2.156:8085/hi-ee/j_spring_security_logout -v

Response	> GET /hi-ee/i spring security logout HTTP/1 1
Outmut	> 0E1/m cc/j_spring_security_togour 1111/1.1
Output	> H0st: 192.108.2.130:8083
	> User-Agent: curl/1.52.1
	> Accept: */*
	>
	< HTTP/1.1 302 Found
	< Set-Cookie: ISESSIONID=:Version=1:Path=/hi-ee:Expires=Thu 01-
	$a_{n-1070,00:00,00,00,00,00,00,00,00,00,00,00,00$
	$\int u r^{-1} = 0$
	< Expires: Thu, 01 Jan 1970 00:00:00 GMT
	< Location: http://192.168.2.156:8085/hi-ee/login.html
	< Content-Length: 0
	< Server: Jetty(9.2.z-SNAPSHOT)
Description of	j_spring_security_logout returns the cookie information as response with HTTP
Response	302 Found .
Output:	
Service Status	302
Service Status	302
Screenshot	GET V http://192.168.2.156.8085/hi-ee/j_spring_security_logout Params Send V Save V
	Pretty Raw Preview
	USER NAME
	PASSWORD
	Visualize, Analyze, Be Wise
	Default Default
	Admin C User

2. Admin Module

Admin module offers users the possibility to define different levels of access to information in the application. It allows to Create and manages the Organizations, Users, Roles and profiles. Allows to manage Scheduled jobs. Deals with Application configurations such as set Logger settings, Reloading Configurations. Refresh and Delete 'Temp Directory', 'Resources in memory', 'Cached reports', 'cached datasources'.

2.1 Overview

2.1.1 Disk Space Refresh

URL	services.html		
Description	It allows super admin to check the disk space Expected output should be the used disk s space.	ace status of the system. space , free disk space and the total disk	
Pre-requisite	User should have logged in before acce	essing the service. [Refer login	
	module]		
	If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through Brower :		
	http://192.168.2.156:8085/hi-ee/service	http://192.168.2.156:8085/hi-ee/services.html	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hia	admin&type=monitor&serviceType=	
	ee/services.html -v	{} http://192.106.2.130.6063/hi-	
HTTP Request	HTTP Request Value	Description	
Key	moniton	Type of the Operation	
type:	monitor	Type of the Operation	
service i ype:	system dishSpace	Service I ype as system	
service:	diskSpace	Service name as diskSpace	
formData:	{}	JSON object containing disk space	
Deenemaa		Information	
Response	{ "stotus", 1		
	status :1,		
iormat)			
	{ totalDiskSize :9/215, usedSpace :20	6/88, freeSpace :/1126}	
	}		
Description of	The response of the API is, it returns the	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:	It returns the some parameter values as	response like	
	totalDiskSize : Total disk size of syste	m.	
	usedSpace: Used disk space of system		
	freeSpace: Free/available space on the	system.	
Service Status	200 OK	-	

Rey	Value	Description	••• Bulk Edit
New key			
Authorization Headers (1) Be	ody Pre-request Script Tests		Code
form-data 🔍 x-www-form-urler	ncoded 🔍 raw 🔍 binary		
			Key-Value Edit
TOTMUATA:{}	Taets		Shire 2000 Tan Gar
Body Cookies Headers (6)	100		Status: 200 OK Time: 67 ms

2.1.2 JVM Memory Refresh

URL	services.html		
Description	It allows super admin to check the JVM m	emory status of the system.	
-	It gives you the information like total JVM	memory , used memory , free memory	
	and the unit of memory etc.		
Pre-requisite	User should have logged in before acco	essing the service. [Refer login	
	module]		
	If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	~		
	http://192.168.2.156:8085/hi-ee/service	es.html	
	Access through Curl command :		
	Access through Curr command.		
	curldata		
	"j_username=hiadmin&j_password=hi	admin&type=monitor&serviceType=	
	system&service=systemInfo&formDat	a:={'action':'memory'}"	
	http://192.168.2.156:8085/hi-ee/service	es.html -v	
UTTD Dequest	HTTD Doguest Volue	Description	
Kev	III II Request Value	Description	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	systemInfo	Service name as systemInfo	
formData:	{"action":"memory"}	JSON object containing action as	
		memory.	
Response	{		
Output (JSON	"status":1,"		
format)	response":{ "totalMemory":483, "freeM	emory":95, "usedMemory":388, "max	
	Memory :485, unit : MB }		
]		
Description of	The response of the API is, it returns t	he success status value as 1 if it fails	
Response	returns 0 as the status.	1'1	
Output:	It returns some parameter values as res	ponse like	
	totalMemory: Total memory allocated to java virtual machine		
	totalMemory : Total memory allocated usedMemory : The memory consumed	to java virtual machine by java runtime environment	
	totalMemory : Total memory allocated usedMemory : The memory consumed freeMemory : Available memory in ia	to java virtual machine l by java runtime environment. ava virtual machine.	
	totalMemory: Total memory allocated usedMemory: The memory consumed freeMemory : Available memory in ja maxMemory: Maximum memory in ia	to java virtual machine l by java runtime environment. ava virtual machine. ava virtual machine.	
	totalMemory: Total memory allocated usedMemory: The memory consumed freeMemory : Available memory in ja maxMemory: Maximum memory in ja unit: Unit of the memory.	to java virtual machine l by java runtime environment. ava virtual machine. ava virtual machine.	

Кеу	Value	Description	••• Bulk Edit	
New key				
Authorization Headers (1) Body	Authorization Headers (1) Body Pre-request Script Tests Code			
🔍 form-data 🛛 🧶 x-www-form-urlenco	oded 🔍 raw 🔍 binary			
			Key-Value Edit	
type:monitor serviceType:system service:systemInfo			nay tone car	
<pre>type:monitor serviceType:system service:systemInfo formData:{"action":"memory"}</pre>			ng rous cos	
type:monitor service:system service:systemInfo formData:{"action":"memory"} Body Cookies Headers(6)	Tess	Status:	200 OK Time: 57 ms	

2.1.3 Temp Directory

2.1.3.1 Temp Directory Refresh

URL	services.html		
Description	It allows super admin to refresh the the re	ecent files or the application	
-	downloaded file present in System/Temp	directory.	
	For Example : If the user exports any repo	rt, it will get stored in temp directory.	
Pre-requisite	User should have logged in before acce	essing the service. [Refer login	
	module]		
	 If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hi	admin&type=monitor&serviceType=	
	system&service=tempList&formData:=	={'action':list}"	
	http://192.108.2.130.8085/hi-ee/service	es.num -v	
HTTP Request	HTTP Request Value	Description	
Key		•	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	tempFile	Service name as tempFile	
formData:	{"action":"list"}	JSON object containing action list	
		of temp directory.	
Response	{"status":1,"response":{"tempFileArra	y":[{"fileName":"1505914529229.cs	
Output (ISON format)	v", "fileSize": 197, "lastModified": 15059	14529241},{"fileName":"15059145	
(JSON Iormat)	1505014607504 yls" "fileSize": 4608 , $13000000000000000000000000000000000000$	1303914331824, [Internation : [astModified":1505914607536] ["fill	
	eName":"1505914007304.XIS, Intestize .4008, I	e":/608 "lastModified":150591/038	
	593} {"fileName"·"5e1972af-2d10-4f9	c-9chf-	
	4c4a92d2e45a metadata" "fileSize" 77	53 "lastModified" 1505901994993}	
	{"fileName":"hiadmin 150590088925.	5.crt"."fileSize":510."lastModified":1	
	505900889323},{"fileName":"hiadmin	1505901027634.crt","fileSize":510,	
	"lastModified":1505901027653},,{"file	eName":"Sample EFW	
	Report_1505905860632.jpg","fileSize'	':54420,"lastModified":15059058861	
	54},{"fileName":"Simple Bubble		
	Chart_1505914491387.xls","fileSize"::	5207,"lastModified":1505914501098	
.	}}]		
Description of	L'Eba magnanga of the ADE is it noturns t	he success status value as 1 if it fails	
response	The response of the APT is, it returns t	he success status value as 1 ii it fails	
	returns 0 as the status.	a dataila libra	

	filename : Name filesize : Size of t lastModified : L	of the file the file in KB. ast modified date time of	f file.	
Service Status	200 OK			
Screenshot	POST > http://192.168.2.1	156:8085/hi-ee/services.html	Params	Send 💙 Save 🗠
	Key	Value	Description	••• Bulk Edit
	New key			
	Authorization Headers (1) Bo	ody Pre-request Script Tests		Code
	form-data 🔹 x-www-form-urlen	coded 🔍 raw 🔍 binary		
				Key-Value Edit
	type:monitor serviceType:system service:tempFile formData:{"action":"list"}			
	Body Cookies Headers (6)	Tests		Status: 200 OK Time: 60 ms
	Pretty Raw Preview H	TML V 🛱		Ē Q
	<pre>1 {"status":1 "response":("te , ("fileName": "FilterSu -ac2d526378.metdata" 1:257,"lasthdifed , ("fileNess") Report 150657667577.ht 1:397, "lastModified":150</pre>	mpFileArray" [("#ileHame": "5963244-3e44-411-9154- ferxtD5Chart_1506422805356.html","fileSize":30726." "fileSize":733, 'lastNodified":15065793-8027-624-332e 4051-482-682-547216Cott3.xml","fileSize":358, Table M1, "fileSize":28063, 'lastNodified":1506576560600), 461594020, 'l'fileHame":1593927-8624-467-584-40 461594020), 'fileHame":1593927-8624-467-584-40	24386396571.xml","filsier":357,"lsstbodi latUkodified":1506422814000),("filekame";"e lakume":"Table Visualizion_150651644688. 54913957735C.xml","fileSize":397, "lastbodi Stoddified":1506416229000;("filekame": "Dri ("filekame":"ac377766-r00e-4862-89576-8066 Vi97Fre022.metadata","fileSize":7733, "last	ied":1506416193000} 1166697-f9fa-41c0-bc8f html","fileSize" ified":1506415208000} 111 Down 40dc55.xml","fileSize" Modified"

2.1.3.2 Temp Directory Delete

URL	services.html		
Description	It allows super admin to delete the select directory of the system. It deletes selected file from temporary file	ed/particular file from the temp es which are present in Temp directory.	
Pre-requisite	User should have logged in before acc	essing the service. [Refer login	
	module]		
	If the user is not logged in then you will g	et login nage	
Accessible for	ROLE ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/servic	es.html	
	A googs through Curl command .		
	Access through Curr command :		
	curldata		
	"j_username=hiadmin&j_password=h	iadmin&type=monitor&serviceType=	
	system&service=systemInfo&formDa	ta:={'action':'delete','files':['Drill	
	Down Report_1506576675777.html']}" http://192.168.2.156:8085/hi-		
	ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	tempFile	Service name as tempFile	
formData:	{"action":"delete","files":["Drill	Action: selected file to be delete	
	Down	from list of temp directory.	
Dosponso	[[[[[[[[[[[[[[[[[[[
Output	i "status"·1		
(JSON format)	"response":{"message":"Resource(s) d	leleted successfully" }	
(}	, , , , , , , , , , , , , , , , , , ,	
Description of	The response of the API is, it returns	the success status value as 1 if it fails	
response	returns 0 as the status.		
output	It returns response as message as resou	arces deleted successfully.	
Service Status	200 OK		

	Key	Value	Description	••• Bulk Edit	
	New key				
	Authorization Headers (1) B	Body Pre-request Script Tests		Cod	
	O form-data • x-www-form-urle	◯ form-data ● x-www-form-urlencoded ● raw ● binary			
				Key Value Edit	
	type:monitor serviceType:system service:tempFile			ney voice con	
	type:monitor serviceType:system serviceTeppile formData:{"action":"delete","f,	"iles":["Drill Down Report_1506576675777.html"]	1)	They make con-	
	type:monitor serviceType:system service:tempFile formData:{"action":"delete","f. Body Cookies Headers (6)	'iles":["Drill Down Report_1506576675777.html"; Tests]) Sta	tus: 200 OK Time: 54 ms	

2.1.3.3 Temp Directory DeleteAll

URL	services.html	
Description	It allows super admin to delete all the file	s from the temp directory of the system.
	It deletes all the file from temporary files	which are present in Temp directory.
Pre-requisite	User should have logged in before acce	essing the service. [Refer login
	module]	
	If the user is not logged in then you will ge	at login page
Accessible for		
Accessible for		
HTTP Request	POST	
Example	Access through browser ·	
Example	Access through browser.	
	http://192.168.2.156:8085/hi-ee/service	es.html
	1	
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hi	admin&type=monitor&serviceType=
	system&service=tempFile&formData:	={'action':'deleteAll'}"
	http://192.168.2.156:8085/hi-ee/service	es.html -v
		T
HTTP Request	HTTP Request Value	Description
Key	· · ·	
type:	monitor	Type of the Operation
service Type:	system	serviceType as system
service:	tempFile	Service name as tempFile
formData:	{"action":"deleteAll"}	Action : to deleteAll files from list
		of temp directory.
Response		
output	"status":1,	
(JSON format)	"response":{"message":"Resource(s)	deleted successfully" }
	} []]	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Description of	The response of the API is, it returns t	he success status value as 1 if it fails
response	returns U as the status.	
output	It returns response as message as resou	rces deleted successfully.
Service Status	200 OK	

	Key	Value	Description	••• Bulk Edit	
	New key				
	Authorization Headers (1) Body	Pre-request Script Tests		Code	
	form-data • x-www-form-urlencoded	◎ form-data ● x-www-form-urlencoded ◎ raw ◎ binary			
				Key-Value Edit	
	Service.tempril0 formData:{"action":"deleteAll"} Body Cookies Headers (6) Tet	55		Status: 200 OK Time: 55 ms	
	body cookies medders (o) nes	C16		Status Los de Time Sama	

2.1.4 In Memory Cache

2.1.4.1 In Memory Cache Refresh

URL	services.html	
Description	It allows super admin to refresh the	in memory cache data and calculates
	the size of cache.	
Pre-requisite	User should have logged in before	accessing the service. [Refer login
	module]	
	If the user is not logged in then you w	ill get login nage
Accessible for	ROLE ADMIN	
IITTD Dequest		
Method	POSI	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/set	rvices.html
	Access through Curl command :	
	ourl data	
	"i username-hiadmin&i nassword	1-hiadmin&type=monitor&serviceType=
	cache&service-size&formData:-{	'action'.'threads'}"
	http://192.168.2.156:8085/hi-ee/se	rvices html -v
HTTTP Kev	HTTP Request Value	Description
type:	monitor	Type of the Operation
serviceType:	cache	serviceType as cache
service:	size	Service name as size
formData:	{"action":"threads"}	Action to refresh the threads to
		refresh the in memory cache.
Response	{	· · · ·
Output(JSON	"status":1,	
format)	"response":{"size":845}	
	}	
Description of	The response of the API is, it return	rns the success status value as 1 if it fails
Response	returns 0 as the status.	
Output:	It returns response as size of cache	memory.
	size: size of cache memory after re	fresh.
Service Status	200 OK	

ScreenShot	POST V http://192.168.2.156:8085/hi-ee/services.html	Params Send Y Save Y
	Authorization Headers (1) Body • Pre-request Script Tests	Code
	🔍 form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍 binary	
		Key-Value Edit
	type:monitor service:Size formData:{"action":"threads"}	
	Body Cookies Headers (6) Tests	Status: 200 OK Time: 69 ms
	Pretty Raw Preview HTML V	
	<pre>i 1 ("status":1,"response":("size":845))</pre>	

2.1.4.2 In Memory Cache DeleteAll

IIDI			
UKL	services.html		
Description	It allows super admin to delete all the in n	nemory cache data.The system all in	
	memory cache get deleted/clean.		
	Note : After the in memory cache dele	tion automatically in memory cache	
	get refreshed.		
Pre-requisite	User should have logged in before acce	essing the service.[Refer login	
	module]		
	If the user is not logged in then you will ge	at login nage	
Accessible for		login page.	
IITTD Dequest	ROLL_ADMIN		
Mathod	POSI		
Example	Access through browser ·		
Lampie	recess through proviser.		
	http://192.168.2.156:8085/hi-ee/service	es.html	
	1		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hi	admin&type=monitor&serviceType=	
	"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}"	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi-	
	"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi-	
HTTP Request	"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi-	
HTTP Request Kev	"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description	
HTTP Request Key type:	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation	
HTTP Request Key type: serviceType:	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v</pre> HTTP Request Value monitor cache	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache	
HTTP Request Key type: serviceType: service:	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean	
HTTP Request Key type: serviceType: service: formData:	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {}</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from	
HTTP Request Key type: serviceType: service: formData:	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {}</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from the in memory cache.	
HTTP Request Key type: serviceType: service: formData: Response	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {} {</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from the in memory cache.	
HTTP Request Key type: serviceType: service: formData: Response Output	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {} { {}</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from the in memory cache.	
HTTP Request Key type: serviceType: service: formData: Response Output (JSON format)	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {} {} {} </pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from the in memory cache.	
HTTP Request Key type: serviceType: service: formData: Response Output (JSON format)	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {} { "status":1, "response":{"message":"Resource clea }</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from the in memory cache.	
HTTP Request Key type: serviceType: service: formData: Response Output (JSON format) Description of Response	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {} { { "status":1, "response":{"message":"Resource clea } The response of the API is , it returns to returns 0 as the status</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from the in memory cache. ned successfully."}	
HTTP Request Key type: serviceType: service: formData: Response Output (JSON format) Description of Response Output:	<pre>"j_username=hiadmin&j_password=hi cache&service=clean&formData:={}" ee/services.html -v HTTP Request Value monitor cache clean {} { status":1, "response":{"message":"Resource clea } The response of the API is , it returns to returns 0 as the status. It returns response as success message</pre>	admin&type=monitor&serviceType= http://192.168.2.156:8085/hi- Description Type of the Operation serviceType as cache Service name as clean Action to clean all the threads from the in memory cache. ned successfully."}	

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code
	◎ form-data ● x-www-form-urlencoded ◎ raw ◎ binary	
		Key-Value Edit
	type:monitor servicetype:cache service:clean formData:{}	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 96 ms Size: 377 B
	Pretty Raw Preview	ū
	{"status":1,"response":{"message":"Resource cleaned successfully."}}	

2.1.5 Cache Reports

2.1.5.1 Cache Reports Refresh

URL	services.html		
Description	It allow super admin to view the latest cac	hed reports size from of the system.	
	For Ex. In case if you opened one report in cache reports , so after cache refresh you reports.	another tab which will get added in can see the updated list of cached	
Pre-requisite	User should have logged in before acce	essing the service.[Refer login	
	module]		
	If the user is not logged in then you will ge	t login page.	
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/service	es.html	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType= cache&service=dump&formData:={'dir':'/'}" http://192.168.2.156:8085/hi- ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key type:	monitor	Type of the Operation	
serviceType	cache	serviceType as cache	
service.	dump	Service name as dump	
formData:	{"dir":"/"}	Action to refresh the cached	
		reports.	
Response	{"status":1,"response":{"reportList":[{	"path":"1463377807724/1463377836	
Output :	985\\e9be6771-995b-40eb-a01c-		
(JSON format)	304857a100a1.metadata"},{"path":"14	63377807724/1463377978248/Samp	
	IE EF W Report\\sample_report_efw"} {"path":"	1463377807724\\1463377836985\\e	
	9be6771-995b-40eb-a01c-	1+0557700772+\\1+05577050705\\0	
	304857a100a1.metadata"},{"path":"14	63377807724\\1463377978248\\Sam	
	ple EFW Dashboard\\sample_dashboar	d.efw"}]}}	
Description of	The response of the API is, it returns the	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:	It returns response as reportList array n	nentioned below :	
Somiao Status	pain : pain of the file(report, metadata e		
Dervice Status	200 UK		

Screenshot	POST V http://192.168.2.156.8085/hi-ee/services.html	Params	Send 🗸	Save	~
	Authorization Headers (1) Body Pre-request Script Tests			Cookies	Code
	● form-data ● x-www-form-urlencoded ● raw ● binary				
				Key-Value	Edit
	type:monitor service/gweicache service:dump formData:{"dir":"/"}				
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 25 ms	Size: 1.27	KB
	Pretty Raw Preview				ũ
	<pre>("status": 1."response": ("reportList": {{"path": "14G3377807724/14G3377836985/e9be6771-995b-40eb-a01c-304857a100a1.mu ("path": "14G3377807724/147204022353/6eb77098-7cac-46cc-be80-e273151f5673.metadata"), ["path": "150158588507982 6225c6642653.metadata"), {"path": "150631792992-62624612-8095-44f0-93d8-64811aa4bc2.metadata"), {"path": "1506517 69868ec39eb0.metadata"), {"path": "1506493586299/447c0bcd-9389-48e7-a79f-deb355cd01a6.metadata"), {"path": "1506517 62a67428767.metadata"), {"path": "15066634514641/7f8e5670.8db-4ea9-5010-9200cca869f1.metadata"), {"path": "1506653 70381e8ae131.metadata"), {"path": "15066634514641/7f8e5670.8db-4ea9-5010-9200cca869f1.metadata"), {"path": "1506653 70381e8ae131.metadata"), {"path": "15066634514641/7f2d-0ba6-43e5-80ad-021d696b57ad.metadata"), {"path": "1506663</pre>	.tadata"}. (2a031-2dbb-4dd 70988/c26b240f i52261/61a804d (652261/e1434e0 451464/6c4d6c9 451464/d9bd03(11-a963- -0894-4e4d-94 2-6d3e-4e72-a 03-c8f3-43fd-1 5-a9a0-448c-a 0c-346c-4b67-	4e6- a92b- b4e3- a94e- a59a-	

2.1.5.2 Cache Reports Delete

URL	services.html		
Description	It allows super admin to delete the selected	ed/particular reports from cached	
	reports.	to romovo from cochod roports	
Dro roquisito	User should have logged in before acce	assing the service [Pefer login	
r re-requisite	modulal	essing the service. <u>[Refer login</u>	
	module		
	If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
		11	
	http://192.168.2.156:8085/hi-ee/service	es.ntml	
	Access through Curl command ·		
	recess through curr command .		
	curldata		
	"j_username=hiadmin&j_password=hia	admin&type=monitor&serviceType=	
	cache&service=clean&formData:={'dir	:':['1463377807724/1463377836985/	
	e9be6771-995b-40eb-a01c-304857a100a1.metadata']}"		
	http://192.168.2.156:8085/hi-ee/service	es.html -v	
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
serviceType:	cache	serviceType as cache	
service:	clean	Service name as clean	
formData:	{"dir":["1463377807724/1463377836	Action to delete selected cached	
	985/e9be6771-995b-40eb-a01c-	reports from the directory	
	304857a100a1.metadata"]}		
Response			
Output		1 (11 11)	
(JSON format)	"response":{"message":"Cache files cle	eaned successfully" }	
	}		
Description of	The response of the API is, it returns the	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:	It returns response as success message	for cache file.	
Service Status	200 OK		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services.html	Params	end 🗸	Save ~	
	Authorization Headers (1) Body Pre-request Script Tests		-	Cookies Cod	le
	◎ form-data *x-www-form-urlencoded raw binary				
			ł	ley-Value Edit	,
	serviceType:cache service:Claan formData:{"dir":["1463377807724/1463377836985/e9be6771-995b-40eb-a6ic-304857a100a1.metadata"]}				4
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 56 ms	Size: 379 B	
	Pretty Raw Preview			ū	
	{"status":1."response":{"message":"Cache files cleaned successfully"}}				

2.1.5.3 Cache Reports DeleteAll

URL	services.html			
Description	It allows super admin to delete all the cached reports from of the system.			
-	All Cached reports get deleted from the system.			
	Note : After all cached reports deletion automatically cached report get			
	refreshed.			
Pre-requisite	User should have logged in before accessing the service. Refer login			
-	module			
	If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN			
HTTP Request	POST			
Method				
Example	Access through browser :			
	http://192.168.2.156:8085/hi-ee/services.html			
	Access through Curl command :			
	ourl data			
	Ulli Uala			
	$e_{\text{services html}}$ v			
	cc/services.ntmin-v			
HTTP Request	HTTP Request Value	Description		
Key				
type:	monitor	Type of the Operation		
serviceType:	cache	serviceType as cache		
service:	clean	Service name as clean		
formData:	{"dir":["/"]}	Action to delete all cached reports		
		from the directory		
Response Output (JSON format)	<pre>{ "status":1, "response":{"message":"All cache files deleted successfully."} }</pre>			
-------------------------------------	--			
Description of	The response of the API is, it returns the success status value as 1 if it fails			
Response	returns 0 as the status.			
Output:	It returns response as success message for all deleted cache file.			
Service Status	200 OK			
Screenshot	POST http://192.168.2.156:8085/hi-ee/services.html Params Send Save Save Authorization Headers (1) Body Pre-request Script Tests Cookies Cookies			
	Pretty Raw Preview {"status":1,"response":{"message":"All cache files deleted successfully."}}			

2.1.6 Cache Datasource

2.1.6.1 Cache Datasource Refresh

URL	services.html		
Description	It allows super admin to view the size of cached datasources from of the system.		
	For Ex. In case if new managed datasource is added in another tab which will get added in cache Datasource, so after Datasources cache refresh you can see the updated list of cached Datasources.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/service	es.html	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dat aSource&service=cachedDS&formData:={}" http://192.168.2.156:8085/hi- ee/services.html -v		
HTTP Request Kev	HTTP Request Value	Description	
type:	core	Type of the Operation	
serviceType:	datasource	serviceType as datasource	
service:	cachedDS	Service name as cachedDS	
formData:	{}	Action to refresh the cached datasources.	
Response Output (JSON format)	<pre>{ status":1,"response":{"dataSources":[{"id":"11","name":"Oracle","type":"d ynamicDataSource","baseType":"global.jdbc","dataSourceProvider":"tomca t"},{"id":"7","name":"SQL Server Database","type":"dynamicDataSource","baseType":"global.jdbc","dataSou rceProvider":"tomcat"},{"id":"13","name":"SQLite DS2","type":"dynamicDataSource","baseType":"global.jdbc","dataSourceProvider":"tomcat"} }</pre>		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as datasource list after datasources are cached shown below : id: id of the datasource		

	 name: Name of datasource type: Type of datasource baseType : base type of datasource dataSourceProvider: provider of datasource For Ex.tomcat 		
Service Status	200 OK		
Screenshot	POST V http://192.168.2.156:8085/hi-ee/services.html Params S	Send 🗸	Save ~
	Authorization Headers (1) Body Pre-request Script Tests		Cookies Code
	© form-data • xwww-form-urlencoded • raw • binary type:core serviceType:dataSource serviceCachedOS formData:{}		Key-Value Edit
	Body Cookies (5) Headers (7) Tests Status: 200 OK Pretty Raw Preview ("status":1,"response":{"dataSources":{{"id":"11","name":"Oracle","type":"dynamicDataSource","baseType":"global.jdbc","dataSourceProvidet ("id":"7,"name,"SQL Server Database","type":"dynamicDataSource","baseType":"global.jdbc","dataSourceProvider","tomcat"), ("id":"13","n DS2","type":"dynamicDataSource","baseType":"global.jdbc","dataSourceProvider","tomcat"), ("id":"14","name","SampleSQLie","type":"dynamicDataSource","baseType":"global.jdbc","dataSourceProvider","tomcat"), ("id":"2,","name","SampleSQLie","type":"dynamicDataSource","baseType":"global.jdbc","dataSourceProvider","tomcat"), ("id":"2,","name","SampleSQLie","type","dynamicDataSource","baseType","global.jdbc","dataSourceProvider","tomcat"),	Time: 50 ms r":"tomcat") name":"SQL	Size: 1.26 KB

2.1.6.2 Cache Datasource Delete

URL	services.html		
Description	It allows super admin to delete the selected datasources from cached		
	datasources .		
	Selected Cached datasources get deleted from the system.		
	Note . After the colorial cochool detectives deletion outematically		
	cached report get refreshed	sources deletion, automatically	
Pre-requisite	User should have logged in before acc	cessing the service. [Refer login	
	module]		
	If the user is not logged in then you will get login page		
Accessible for	ROLE ADMIN	get login page.	
HTTP Request	POST		
Method	1051		
Example	Access through browser :		
_			
	http://192.168.2.156:8085/hi-ee/service	ces.html	
	Access through Curl command :		
	Access un ough Curr commanu :		
	curldata		
	"j username=hiadmin&j password=hiadmin&type=core&serviceType=dat		
	aSource&service=shutdown&formData:={'ids':['12']}"		
	http://192.168.2.156:8085/hi-ee/services.html -v		
		1	
HTTP Request	HTTP Request Value	Description	
Key	2070	Turns of the Operation	
type.	detesource	serviceType as detesource	
service:	shutdown	Service name as shutdown	
formData		Action to delete selected apphed	
IomiData.	{ lus .[12]}	detesource from the directory using	
		its id	
Response		10 10.	
Output	l "etatue":1		
(ISON format)	"response" { "message" · "The requeste	d DataSource(s) is/are shutdown	
(JSOIT Iormat)	successfully "}		
	}		
	}		
Description of	The response of the API is, it returns	the success status value as 1 if it fails	
Response	returns 0 as the status.		
Output :	It returns response as success message	e after deletion of requested cached	
	datasource.		

Screenshot	POST v http://192.168.2.156:8085/hi-ee/services.html type:core serviceType:dataSource service:shutdown formData: ("1ds": ["12"])	Params Send		Save	*
	Body Cookles (5) Headers (7) Tests Pretty Raw Preview {"status":1, "response": {"message": "The requested DataSource(s) is/are shutdown successfully."}}	Status: 200 OK TI	me: <mark>58 ms</mark>	Size: 404	в Э

2.1.7 Logger Settings

2.1.7.1 Logger Settings Refresh

URL	services.html		
Description	It allows super admin to refresh current level of the logger settings.		
•	Current level of the logger settings get refreshed.		
Pre-requisite	User should have logged in before accessing the service. Refer login		
_	module]		
	If the user is not logged in then you w	ill get login page.	
Accessible for			
HTTP Request	POST		
Method			
Example	Access through browser :		
	144-1/102 169 2 156-90954		
	nttp://192.168.2.156:8085/n1-ee/set	rvices.ntml	
	Access through Curl command :		
	Access unough Curr command.		
	curldata		
	"i username=hiadmin&i password=hiadmin&type=monitor&serviceType=		
	system&service=log&formData:={'getLevel':'currentLevel'}"		
	http://192.168.2.156:8085/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	log	Service name as log	
formData:	{"getLevel":"currentLevel"}	Action to refresh current level of	
		the logger settings.	
Response	{		
Output:	"status":1,		
(JSON format)	"response":{"currentLevel":"INFO	"}	
	}		
Description of			
Response	The response of the API is, it return	rns the success status value as 1 if it fails	
Output:	returns 0 as the status.		
	It returns response as currentLevel	as INFO as default logger settings.	
Service Status:	200 OK		

			Cookies Code
	form-data ● x-www-form-urlencoded ● raw ● t	sinary	COMES COM
	Key	Value	Description ••• Bulk Edit
	V type	monitor	
	serviceType	system	
	✓ service	log	
	✓ formData	{"getLevel":"currentLevel"}	
	New key		
	Body Cookies (5) Headers (7) Tests		Status: 200 OK Time: 50 ms Size: 356 B
	Pretty Raw Preview		Гі

2.1.7.2 Logger Settings :: Change Log level

URL	services.html		
Description	It allows super admin to change the current log level to ERROR.		
	Note : Default logger level is INFO , if you v used.	want change logger level , this API is	
Pre-requisite	User should have logged in before accessing the service. [Refer login		
	module		
	If the user is not logged in then you will ge	t login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"i username=hiadmin&i password=hiadmin&type=monitor&serviceType=		
	system&service=log&formData:={'setLevel'.'ERROR'}"		
	http://192.168.2.156.8085/hi-ee/services.html -v		
	1		
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	log	Service name as log	
formData:	{"setLevel":"ERROR"}	Action to set the logger settings	
		current log level to ERROR.	

Response Output (JSON format)	{ "status":1, "response":{"message":"Log level is set to ERROR","currentLevel":"ERROR"} }	
Description of Response output:	The response of the API is , it returns the success status returns 0 as the status. It returns response as success message with the current le "ERROR". Current level of the logger settings get changed to ERRO currentLevel : Selected log level.	value as 1 if it fails evel of log as DR level.
Service Status	200 OK	
Screenshot	POST ~ http://192.168.2.156.8085/hi-ee/services.html Authorization Headers (1) Body • Pre-request Script Tests • form-data • xwww-form-urlencoded • raw • binary type :monitor service/tipe:aystem service/tipe:aystem service/tipe:aystem service/tipe:aystem Service:ive:ive:ive:ive:ive:ive:ive:ive:ive:iv	Params Send V Save V Cookies Code Key-Value Edit Status: 200 OK Time: 52 ms State: 395 B
	{"status":1,"response":{"message":"Log level is set to ERROR","currentLevel":"ERROR"}}	

2.1.8 Reload Configurations

2.1.8.1 Application Configuration

URL	services.html		
Description	It allows super admin to reload the setting.xml changes(application settings)		
	If you want to get updated changes in setting.xml related to application , you can just reload the using this API.		
Pre-requisite	User should have logged in before	accessing the service. [Refer login	
	module		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://102.169.2.156.9095/hi ag/ag	ruisse html	
	http://192.108.2.150.8085/m-ee/set	Vices.ntm	
	Access through Curl command :		
	Curl data		
	cache&service=updateConfiguration&formData:={'refresh':'true'}"		
	http://192.168.2.156:8085/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key	monitor	Type of the Operation	
type:	momtor	serviceType as cache	
service:	updateConfiguration	Service name as	
service.	updateeoninguration	updateConfiguration	
formData	{"refresh"·true}	Action to set refresh as true to	
iorniidata.		reload the setting.xml changes.	
Response	{		
Output	"status":1,		
(JSON format)	"response":{"message":"Application settings are reloaded"}		
	}		
Description of	The response of the API is , it return	rns the success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:	It returns response as success mess	age after application reload.	
	Changes in setting.xml get reloade	d.	
GG	200.07		
Nervice Status	1 200 OK		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code
	◎ form-data ● x-www-form-urlencoded ◎ raw ◎ binary	
		Key-Value Edit
	service:updateConfiguration formData:{"refresh":"true"}	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 68 ms Size: 380 B
	Pretty Raw Preview	<u>ت</u>
	{"status":1,"response":{"message":"Application settings are reloaded"}}	

2.1.8.2 Validation Configuration

URL	services.html		
Description	It allows super admin to reload the validation.xml changes(validation settings)		
-	If you want to get updated changes in vali	dation.xml related to application , you	
	can just reload the using this API.		
Pre-requisite	User should have logged in before accessing the service. [Refer login		
	<u>module</u>]		
	If the user is not logged in then you will get legin page		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hi	admin&type=monitor&serviceType=	
	cache&service=retresh&tormData:={'retresh':'validation'}"		
	http://192.168.2.156:8085/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
serviceType:	cache	serviceType as cache	
service:	refresh	Service name as refresh	
formData:	{"refresh":"validation"}	Action to set refresh as validation	
		to reload the validation.xml	
		changes.	

Response Output (JSON format)	<pre>{ "status":1, "response":{"message":"Successfully refreshed validation settings"} }</pre>
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as success message after validation reload. Changes in validation.xml get reloaded.
Service Status	200 OK
Screenshot	POST ~ http://192.168.2.156:8085/hi-ee/services.html Params Send ~ Save ~ Authorization Headers (1) Body • Pre-request Script Tests Cookies Cookies Cookies • form-data • x-www-form-unlencoded • raw binary Key-Value Edit type :monitor service?refresh refresh refresh Service?type:cache service?refresh refresh refresh refresh Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 32 mis Status: 398 B Pretty Row Pretty Festow Cookies (1) refreshed: "Successfully refreshed validation settings"}}

2.1.8.3 Cache Configuration

URL	services.html	
Description	It allows super admin to reload the cache	e.xml changes(cache settings)
	If you want to get updated changes in ca	che.xml related to cache configuration,
D	you can just reload the using this API.	
Pre-requisite	User should have logged in before acc	cessing the service. [Refer login
	module	
	If the user is not logged in then you will a	get login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/servic	ces.html
	Access through Curl command :	
	Access unough Curr command .	
	curldata	
	"j username=hiadmin&j password=hiadmin&type=monitor&serviceType=	
	cache&service=refresh&formData:={	'refresh':'cache'}"
	http://192.168.2.156:8085/hi-ee/servio	ces.html -v
HTTP Request	HTTP Request Value	Description
Key		
type:	monitor	Type of the Operation
service Type:	cache	serviceType as cache
service:	refresh	Service name as refresh
formData:	{"refresh":"cache"}	Action to set refresh as cache to
		reload the cache.xml changes.
Response	{ 	
(ISON format)	status :1,	"afreshed as she sattings")
(JSON format)	response :{ message : Successfully	refreshed cache settings }
	}	
Description of	The response of the API is, it returns	the success status value as 1 if it fails
Response	returns 0 as the status.	
Output:	It returns response as success message	e after cache reload.
	Changes in cache.xml get reloaded.	
~ -		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services.html	Params	end 🗸	Save	1
	Authorization Headers (1) Body Pre-request Script Tests			Cookies Co	de
	I form-data 🔹 x-www-form-urlencoded I arw I binary				
				Key-Value Ed	liv
	type:monitor serviceye:cache service:refresh formData:["refresh":"cache"}				
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 20 ms	Size: 384 I	в
	Pretty Raw Preview			ſĊ	1
	{"status":1,"response":{"message":"Successfully refreshed cache settings"}}				

2.2 System

2.2.1 Refresh OS Details

URL	services.html	
Description	It allows super admin to refresh the OS de	tails/informaion of the system.
	All OS details all the application get refres	hed.
Pre-requisite	User should have logged in before acce	essing the service. [Refer login
	module]	
	If the user is not logged in then you will ge	et login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/service	es.html
	A second down all Court second s	
	Access through Curl command :	
	curldata	
	"i username-hiadmin&i password-hi	admin&type=monitor&serviceType=
	system&service=systemInfo&formDat	a:={'action'.'system'}"
	http://192.168.2.156:8085/hi-ee/service	es html -v
HTTP Request	HTTP Request Value	Description
Key		•
type:	monitor	Type of the Operation
serviceType:	system	serviceType as system
service:	systemInfo	Service name as systemInfo
formData:	{"action":"system"}	Action to refresh the system / OS
		details.
Response	{"status":1,"response":{"sysInfo":{"jbo	oss.i18n.generate-
Output	proxies":"true","java.runtime.name":"J	ava(TM) SE Runtime
(JSON format)	Environment", "sun.boot.library.path":"	C:\\Program
	Files\\Java\\jre1.8.0_92\\bin", "java.vm.	.version": "25.92-
	D14, Java.vin.vendor : Oracle	iovo oroala com/" "noth concretor"."."
	"iava vm name":"Iava HotSpot(TM) 6	Java.oracle.com/, path.separator . ,
	VM" "file encoding pkg":"sup io" "use	r country"."[IS" "user script"."" "sun
	iava.launcher":"SUN STANDARD"}	recountry : 05 , userscript : , sun
Description of	The response of the API is , it returns t	he success status value as 1 if it fails
Response	returns 0 as the status.	
Output:	Response you get as the sysInfo array v	where all os details are returned after
	refresh like :	
	Java.runtime.name : Name of the java	a runtime
	sun.boot.library.path: java library pat	th
	1 · · · · ·	
	java.vm.vendor : Java vender name. et	C C
	java.vm.vendor: Java vender name. et	.c

Screensnot	POST V http://192.168.2.156:8085/hi-ee/services.html Authorization Hearlers (1) Body Pre-request Script Tests	Params	Send Y Save Y
	form-data • x-www-form-urlencoded • raw • binary		cookes code
			Key-Value Edit
	serviceType:system service:systemInfo formData:("action":"system")		
	Body Cookles (5) Headers (7) Tests	Status: 200 OK	Time: 56 ms Size: 3.07 KB
	Pretty Raw Preview		ū
	{"status": 1. "response": {"sysInfo": {"jboss il Sn generate-proxies": "true". "java runtime name". "Ope Environment", "sun boot library path ": "twi/lib'ym/java.8-openjdk-amd64/ije/lib'amd64"."java vm Corporation", "java. vendor.url", "http:/java.oracle.com/". "path.separator". "," "java. vm name". "Dep VM". "file encoding pkg". "sun io", "user.country". "TN", "sun java launcher". "SUN_STANDARD"," Virtual Machine Specification", "user.durry". "TN", "sun java launcher". "SUN_STANDARD"," Virtual Machine Specification", "user.dur". "home/helical", "installer log","/home/helical/hi/logs/hi- Ouburn1. 17.04.1- b11", "derby.system home"."/home/helical/hi/db", "java.awt.graphicsenv"." sun awt.X11GraphicsEn	enJDK Runtime a.version","25,131-b11", "java.vm.vendor","C enJDK 64-Bit Server "suns os patch level", "unknown", "java.vm.spe application log", "java.runtime.version","1.8, nvironment", "org jboss.logging.provider","10)racle cification.name":"Java 0_131-8u131-b11- g4j","java.endorsed.dirs":"/i

2.2.2 Refresh JVM thread details

URL	services.html		
Description	It allows super admin to refresh the JVM We can refresh the JVM threads to check etc.	thread details. < the thread details like its priority,state	
Pre-requisite	User should have logged in before acc module]	cessing the service.[Refer login	
	If the user is not logged in then you will a	get login page.	
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/service	ces.html	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=h	hiadmin&type=monitor&serviceType	
	http://192.168.2.156.8085/hi-ee/servic	ces html -v	
HTTP Request Key	HTTP Request Value	Description	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	systemInfo	Service name as systemInfo	
formData:	{"action":"threads"}	Action set as threads to refresh the JVM thread details.	
Response Output (JSON format)	{ "status":1,"response":{"threadArray": pted":false,"name":"pool-3-thread- 1","priority":5,"state":"TIMED_WAI ":"main","toString":"Thread[pool-3-th 1,5,main]","slNo":1},{"alive":true,"da e":"ringBuffer- 3","priority":5,"state":"WAITING","i oString":"Thread[ringBuffer-3,5,main }	status":1,"response":{"threadArray":[{"alive":true,"daemon":true,"interru ted":false,"name":"pool-3-thread- ","priority":5,"state":"TIMED_WAITING","id":1758,"threadGroupName :"main","toString":"Thread[pool-3-thread- ,5,main]","slNo":1},{"alive":true,"daemon":true,"interrupted":false,"nam ":"ringBuffer- ","priority":5,"state":"WAITING","id":28,"threadGroupName":"main","t String":"Thread[ringBuffer-3,5,main]","slNo":2}]}	
Description of	The response of the API is, it returns	the success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:	Response you get as the threadArray	where all jvm thread related	
	details(alive status, dameon is there an	re not, thread name, priority, state etc.)	
	IVM thread details of the system get t	refreshed	
	alive: alive status of thread	ienesilea.	
	daemon: daemon status		

	<pre>interrupted : Interrupted status of thread name : Name of thread priority :Thread priority state: current state of thread etc.</pre>				
Service Status	200 OK				
Screenshot	POST V http://192.168.2.156:8085/hi-ee/services.html	Params	Send 🗸	Save	~
	Authorization Headers (1) Body • Pre-request Script. Tests			Cookies	Cox
	◎ form-data ● x-www-form-urlencoded ◎ raw ◎ binary				
				Key-Value	Edi
	type:monitor service:systemInfo formData:{"action":"threads"}				
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 76 ms	Size: 10.76	KE
	Pretty Raw Preview				Ū
	("status": 1, "response": {"threadArray": [{"alive": true," daemon": true, "interrupted": false, "name": "pool-3-thread- 1", "priority": 5. "state": "TIMED_WAITING"; "id": 1758, "threadGroupName": "main", "toString": "Thread[pool-3-thread-1,5,main] {"alive": true," daemon": true, "interrupted": false, "name": "ringBuffer- 3", "priority": 5. "state": "WAITING"; "id": 28, "threadGroupName": "main", "toString": "Thread[ringBuffer-3,5,main]", "sINo": 2}, {"alive": true," daemon": true, "interrupted": false, "name": "eventLoop- 1", "priority": 5. "state": "WAITING", "id": 26, "threadGroupName": "main", "toString": "Thread[eventLoop-1,5,main]", "sINo": 3}, ""alive": "true," daemon": true, "interrupted": false, "name": "eventLoop- 1", "priority": 5. "state": "WAITING", "id": 26, "threadGroupName": "main", "toString": "Thread[eventLoop-1,5,main]", "sINo": 3},	","slNo":1},			

2.3 User Management

2.3.1 Add user under Super organization

URL	admin/users		
Description	It allows super admin to add user wi	th Super organization.	
	To add any user without assigning th create user.Just keep organisation k	ne oraganization to that user we can ey as blank value	
Pre-requisite	User should have logged in before module]	e accessing the service. <u>[Refer login</u>]	
	If the user is not logged in then you	will get login page.	
Accessible for			
HTTP Request	POST		
Nietnoa Exampla	Access through browser :		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/a	dmin/users	
	Access through Curl command	:	
	curldata "j_username=hiadmin&j_password=hiadmin&action=add&formData: ={'id':",'name':'UserwithNoOrg','password':'user123','email':'Userwith NoOrg@helicaltech.com','enabled':true,'organisation':"}" http://192.168.2.156:8085/hi-ee/admin/users -v		
HTTP Request Key	HTTP Request Value	Description	
action:	add	action as add	
formData:	{"id":"","name":"UserwithNoOr g","password":"user123","email ":"UserwithNoOrg@helicaltech. com","enabled":true,"organisati on":""}	formData: contains the all details required to add user with Super organization.	
Response Output (JSON format)	{ "status":1, "response":{"message":"User crea }	ated successfully.","id":9}	
Description of	The response of the API is, it returns the success status value as 1 if it		
Response Output:	fails returns 0 as the status.		
	It returns response as success mes	ssage with assigned id for the user.	
	User get added under Super organ	nization	
Service Status	200 OK	nLauvn.	

Screenshot(Success)	POST V http://192.168.2.156:8085/hi-ee/admin/users	Params	Send 🔻	Save 🗸
Servenshot (Success)	Authorization Headers (1) Body Pre-request Script Tests			Cookies Code
	form-data			
	Б. 			Key-Value Edit
	action:add formData:{"id":"","name":"UserwithNoOrg","password":"user123","email":"UserwithNoOrg@helicaltech.com","enabled":	true,"organis	ation":""}	
				ĥ
	Body Cookies (5) Headers (7) Tests	Status: 2	00 OK Time: 64	ms Size: 382 B
	Pretty Raw Preview			Ē
	{"status":1,"response":{"message":"User created successfully:","id":241}}			
Possible Frror	Note : If the user with same name already exist the	n an e	rror	
I OSSIDIC LITOI	"On augitar Egilad Exponsion, Usan with the same a		luoadu	oviata"
	OperationFatieaException. User with the same ha	ime al	ireaay	exisis
	is displayed			
Screenshot(Error)	POST V http://192.168.2.156.8085/hi-ee/admin/users	Params	Send	✓ Save ✓
	Authorization Headers (1) Body Pre-request Script Tests			Cookies Code
	🔍 form-data 🔹 x-www-form-urlencoded 👘 raw 👘 binary			
	setioniadd			Key-Value Edit
	action.auu formData:{"id":"","name":"UserwithNoOrg","password":"User123","email":"UserwithNoOrg@helicaltech.com","enabled	":true,"organ:	isation":""}	
	Pretty Raw Preview			ū
				•
	Oops!			×
	An error has occurred. Please see your system admini	strator		
	RETURN TO HOME			
	OperationFailedException: User with the same name already exists			

2.3.2 Add user under organization

URL	admin/users		
Description	It allows super admin to create a new user Moreover, Superadmin can create user for ar Organization admin can create use While passing organization name to Note : organization id which we get POST Method. <u>Refer Get Organisa</u>	r for the respective organization. ny organization available in the list. er for its organization. for particular user we need to pass the et after creation of organization using <u>tionList</u>	
Pre-requisite	User should have logged in before acce	essing the service. <u> Refer_login</u>	
	Incouncy Incounce and the second second		
Accessible for	If the user is not logged in then you will ge	it login page.	
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/admin/	/users	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&action=add&formData:={'id' :",'name':'testinguser1','password':'testinguser','email':'testinguser@helicalte ch.com','enabled':true,'organisation':'117'}" http://192.168.2.156:8085/hi- ee/admin/users -v		
HTTP Request	HTTP Request Value	Description	
action:	add	Operation to add new user	
formData:	{"id":"" "name":"testinguser1", "password":"testinguser", email":"testinguser@helicaltech.com" "enabled":true, "organisation":"117"}	JSON object containing user information like id which is auto generated, name of user,password,email,enabled value as true and the organisation id which you want assign to user.	
Response Output: (JSON format)	<pre>{ "status": 1, "response": { "message": "User created successf "id": 250 } }</pre>	ully.",	

Description of	The response of the API is,	it returns the success s	status value a	s 1 if it fails
Response	returns 0 as the status.			
Output:	It returns response as success message with assigned id for the user.			
o arpan			••••••	
	The week is exceeded average			
	The user is created successi	ully		
Service Status	200 OK			
Screenshot(suc	POST V http://192.168.2.156:8085/hi-ee/admin/users		Params	Send 💛 Save 🗡
cess)	Authorization Headers (1) Body • Pre-request Script	Tests		Cookies Code
	form-data • x-www-form-urlencoded • raw • binary			
	Key Va	lue	Description	••• Bulk Edit
	action ac	dd		
	formData {"I	id":"","name":"testinguser1","password":"testinguser","e		
	New key Ve		Description	
	Body Cookies (5) Headers (7) Tests		Status: 200 OK	Time: 64 ms Size: 382 B
	Pretty Raw Preview			Ē
	{"status":1, "response": {"message": "User created successfully.	","id":250}}		
Possible Frror	Note: If the user name alree	dy exist then an error		
	"On organica EgilodEncontion	U Laga with the same of	ama aluardu	onista", is
	OperationFalleaException	t. User with the same h	iame aireaay	exists is
	displayed			
Screenshot(Err	POST V http://192.168.2.156:8085/hi-ee/admin/users		Params	Send 🗡 Save 🗠
or)	Authorization Headers (1) Body Pre-request Script	Tests		Cookies Code
	◎ form-data 🔹 x-www-form-urlencoded ◎ raw ◎ binary			
				Key-Value Edit
	<pre>hction:add formData:{"id":"", "name":"testinguser1", "password":"testinguser", "email":"testinguser@helicaltech.com", "enabled":true, "organisation":"117")</pre>			
	Pretty Raw Preview			Ū.
		Oonsl		
		00003:		
	-			
	An error has occu	urred. Please see your system a	dministrator	
		RETURN TO HOME		
		a de la companya de l		
	OperationFail	eaexception: User with the same name already	/ exists	

2.3.3 Add organization

URL	admin/organisations
Description	It allows super admin to add new organization in the existing list. While adding new organization we need to set the organization name and the description for organization.
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.

Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Example	Access through browser :		
Lampte	necess mough stonser .		
	http://192.168.2.156:8085/hi	-ee/admin/users	
	Access through Curl comm	and :	
	curldata "j_username=hiadmin&j_password=hiadmin&action=add&formData:={'na me':'HelicalInsight','description':'HelicalInsightOrganization'}" http://192.168.2.156:8085/hi-ee/admin/organisations -v		
HTTP Request Kev	HTTP Request Value Description		
action:	add	Operation to add organization	
formData:	{"name": "HelicalInsight", "description": "HelicalInsightOrganizatio n"}	JSON object containing organization information	
Response Output (JSON format)	<pre>{ "status": 1, "Response": { "message": "Organization added successfully", "id": 118 } }</pre>		
Description of Response Output	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as success message with assigned id to organization.		
	Organization is created and stored in database.By default ROLE_ADMIN and ROLE_USER are created under this organization automatically.		
Service Status	200 OK		

Screenshot(suc	POST V http://192.168.2.156:8085/hi-ee/admin/organisations Params Se	nd 🗡 Save 🗡		
cess)	Authorization Headers (1) Body Pre-request Script Tests Cookies Code			
	◎ form-data *x-www-form-urlencoded raw binary			
	Key-Value			
	<pre> action:add formData:{"name": "HelicalInsight","description": "HelicalInsightOrganization"}</pre>			
	Body Cookies (5) Headers (7) Tests Status: 200 OK	Time: 40 ms Size: 387 B		
	Pretty Raw Preview	Ē		
	{"status":1,"response":{"message"."Organization added successfully","id":118}}			
Possible Error	Note: If the organization name already exist then an error			
	"OperationFailedException: Organization already exists" is dis	snlaved		
		,piu, eu		
Screenshot(Err	POST V http://192.168.2.156.8085/hi-ee/admin/organisations Params Ser	d 💙 Save 🗡		
or)	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code		
	I form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍 binary			
		Key-Value Edit		
	action:add formData:{"name": "HelicalInsight","description": "HelicalInsightOrganization"}			
		.1.		
	Pretty Raw Preview	Ū		
		-		
	Oops!			
	An error has occurred. Please see your system administrator			
	RETURN TO HOME			
	OperationFailedException: Organization already exists			
		•		
Post-action	Organization details modification / deletion and assign created or	rganization		
	to particular user	<u> </u>		

2.3.4 Add role under Super organization

URL	admin/roles		
Description	It allows super admin to add role to an User. Moreover,		
	• Superadmin/organization admin has the authority to add role for any user.		
	 At user level, user admin has the authority to add roles for that respective user. Note: At a time single role can be added and to add role under Super organization "-1" value is used as organisation value. 		

Pre-requisite	User should have logged in before	accessing the service. [Refer login	
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/add	min/roles	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password	l=hiadmin&action=add&formData:={'na	
	me':'ROLE_Tester','organisation':'-	1'}" http://192.168.2.156:8085/hi-	
	ee/admin/roles -v		
HTTP Request	HTTP Request Value	Description	
Key	-	-	
action:	add	Operation to add roll	
formData:	{"name":"ROLE_Tester","organi	JSON object containing role	
	sation :-1}	organization	
		Note: At a time single role can be	
		added and to add role under Super	
		organization "-1" value is used as	
		organisation value.	
Response	{		
Output	"status":1,		
(JSON format)	"response":	11"	
	id"·"11"	ny,	
	"orgName":"Null"		
	}		
	<u>}</u>		
Description of			
Response	The response of the API is, it returns the success status value as 1 if it fails		
Output:	returns U as the status.		
	Super organization		
	Super or Gamzation.		
	New role is added to the Super orga	anization and is saved in database.	
Service Status	200 OK		

C		. / 200				
Screensnot(suc	POST V http://192.168.2.156.8085/hi-ee/admin/roles Params Send V Save V			~		
cess)	Authorization Headers (1) Body Pre-request Script Tests Cookies Code				Code	
	🔍 form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍	binary				
	Key	Value	Description		••• Bulk	Edit
	action	add				
	formData	{"name":"ROLE_Tester","organisation":-1}				
	New key Value Description					
	Body Cookies (5) Headers (7) Tests			Status: 200 OK Time: 6	0 ms Size: 39	18 B
	Pretty Raw Preview				[Ē.
	{"status":1,"response":{"message":"Role added succes	sfully", "id":"262", "orgName":"Null"}}				
Possible Error	Note: If the role name al	ready exist then an err	ror			
	"OperationFailedExcept	tion: Role already exis	ts" is dis	splayed		
Screenshot(Err	POST V http://192.168.2.156:8085/hi-ee/admin/rd	les		Params Send	Save	~
or)	Authorization Headers (1) Body • Pre-request S	cript Tests			Cookies (Eode
,	◎ form-data ● x-www-form-urlencoded ● raw ●	binary				
					Key-Value I	Edit
	action:add					
	<pre>formData:{"name":"ROLE_Tester", "organisation":-1}</pre>					
	Pretty Raw Preview					Ū
	3e	Oonsl				-
		oops:				
						1
	An error has occurred. Please see your system administrator					
	RETURN TO HOME OperationFailedException: Role already exists					
Post-action	Can modify/delete role details and assign created role to particular user.					

2.3.5 Add role under organization

URL	admin/roles
Description	 It allows super admin to add role to an User. Moreover, Superadmin/organization admin has the authority to add role for any user. At user level, user admin has the authority to add roles for that respective user. While passing organization name for particular role we need to pass the Note : organization id which we get after creation of organization using POST Method. <u>Refer Get OrganisationList</u> .At a time single role can be added.

Dra requisite	User should have logged in before	accessing the complete [Defer legin	
Pre-requisite	User should have logged in before accessing the service. <u>INCLET login</u>		
	module		
	If the user is not logged in then you w	ill get login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/h1-ee/add	min/roles	
	Access through Curl command :		
	curldata		
	j_username=hiadmin&j_password	l=hiadmin&action=add&formData:={'na	
	me: ROLE_developer, organisation	n': 118'}" http://192.168.2.156:8085/h1-	
	ee/admin/roles -v		
		Description	
HTTP Request	HTTP Request Value	Description	
Key	h h a	On anotion to add well	
action:			
formData:		JSON object containing role	
	"ROLE_developer", "organization	information.	
	": "118"}	name : name of the ROLE.	
		organization : id of the organization	
Response	{		
Output	"status": 1,		
(JSON format)	"Response": {"message": "Role a "id": "266"	added successfully",	
	"orgName": "HelicalInsight"		
	}		
Description of	The response of the API is it returns the success status value as 1 if it fails		
Response	returns 0 as the status		
Output:	It returns response as success message with assigned id for created role with		
	assigned organization.		
	New role is added to the respective	organization and is saved in database.	
Service Status	200 OK		

Screenshot(Suc	POST V http://192.168.2.156:8085/hi-ee/admin/roles Params Send V Save V			
cess)	Authorization Headers (1) Body Pre-request Script Tests Cookies Code			
	form-data ● x-www-form-urlencoded ● raw ● binary			
	Кеу	Value	Description	Bulk Edit
	action	add		
	✓ formData	{"name":"ROLE_developer","organisation":"118"}		
	Body Cookles (5) Headers (7) Tes	15	Status: 2	00 OK Time: 78 ms Size: 408 B
	Pretty Raw Preview			Ē
	{"status":1,"response":{"message":"Role a	dded successfully","id":"266","orgName":"HelicalInsight"}}		
Possible Error	Note: If the role nar	me already exist then an error	r	
	"OperationFailedE	xception: Role already exists	" is displayed	!
Screenshot(Err	POST V http://192.168.2.156:8085/hi-e	ee/admin/roles	Params	nd 💙 Save 🗡
or)	Authorization Headers (1) Body Pre-request Script Tests			Cookies Code
	form-data 🔹 x-www-form-urlencoded 🔍	raw 🔍 binary		
				Key-Value Edit
	action:add formData:/"name":"ROLE_developer" "organi	isation"·*118"]		
	Tombacar(mano T Note_actorper) organiz	contain a sao j		
	Premy Rew Preview			lī d
		Oops!		•
	An erro	or has occurred. Please see vour system a	dministrator	
	OperationFailedException: Role already exists			
Post-action	Can modify/delete r	ole details and assign created	l role to partic	ular user.

2.3.6 Add profile for selected user under Super organization

URL	admin/profiles		
Description	 It allows super admin to add user's profile from the existing list. Moreover, Superadmin can add all user's profile belongs to existing list of organization. Organization admin can add user's profile belong to their respective organization. Note: To add profile under Super organization for particular user you need to set the id which is assigned for selected user which you will get as response with api <u>Refer UserList API</u> 		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
Accessible for	ROLE ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/admin/profiles		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&action=add&formData:={'na me':'country','value':'india','id':'248'}" http://192.168.2.156:8085/hi- ee/admin/profiles -v		
HTTP Request	HTTP Request Value	Description	
Key	add	Operation to add new user profile	
formData:	add Operation to add new user profile {"name":"country","value" JSON object containing profile information :"india","id":248} name : Name of the profile value : Value of the profile id of the user having Super organisation		
Response Output (JSON format)	{ "status":1, "response":{"message":"Profile added successfully.","id":4} } }		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as success message with assigned id for created profile.		

	A new profile is added with the respective user and the values are stored database.	in
Service Status	200 OK	
Screenshot(Suc cess)	POST v http://192.168.2.156:8085/hi-ee/admin/profiles Params Send v Save Authorization Headers (1) Body • Pre-request Script Tests Cookies • form-data • x-www-form-urlencoded • • raw • binary action : add formData: ("name": "country", "value": "india", "id"]: 248) Key-Value	Code e Edit
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 52 ms Status: 1 Pretty Raw Preview {"status":1,"response": ("message": "Profile added successfully: ", "id":4) }	381 B
Possible Error	Note: If the profile name already exist for the user then an error "OperationFailedException: Profile already exists for the user" is displayed	
Screenshot(Err or)	POST v http://192.168.2156.8085/hi-ee/admin/profiles Params Send v S Authorization Headers (1) Body • Pre-request Script Tests Coordination • form-data *xwww-form-urlencoded raw • binary • cion:add formData: ("name": "country", "value"; "india", "id":248) Key	kies Code Value Edit
	Pretty Raw Preview Oops! Image: Comparison of the second of	
Post-action	User profile modification (edit / delete)	

2.3.7 Add profile for selected user under organization

URL	admin/profiles		
Description Pre-requisite	 It allows super admin to add user's profile from the existing list. Moreover, Superadmin can add all user's profile belongs to existing list of organization. Organization admin can add user's profile belong to their respective organization. Note: To add profile under Super organization for particular user you need to set the id which is assigned for selected user which you will get as response with api <u>Refer UserList API</u> 		
-	<u>module</u> If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
	Access through browser : http://192.168.2.156:8085/hi-ee/admin/profiles Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&action=add&formData:={'na me':'country','value':'india','id':'277'}" http://192.168.2.156:8085/hi- ee/admin/profiles -v		
HTTP Request Key	HTTP Request Value	Description	
action:	add	Operation to add new user profile	
formData:	{"name":"country", "value":"india", id":277}JSON object containing profile information name : Name of the profile value : Value of the profile id : id of the selected user with organisation		
Response Output (JSON format)	<pre>{ "status": 1, "response": { "message": "Profile added successfully.", "id": 13 } }</pre>		
Description of Response output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as success message with assigned id for created profile.		

	A new profile is added with the respective user and org	ganisation, the			
	values are stored in database.				
Service Status	200 OK				
Screenshot(suc	POST V http://192.168.2.156:8085/hi-ee/admin/profiles	Params Send 💙 Save 🗸			
cess)	Authorization Headers (1) Body • Pre-request Script Tests	Cookies Code			
	◎ form-data • x-www-form-urlencoded ◎ raw ◎ binary				
	betion:add	Key-Value Edit			
	<pre>formData:{"name":"country", "value": "india", "id":277}</pre>				
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 52 ms Size: 382 B			
	Pretty Raw Preview	ū			
	{"status":1,"response":{"message":"Profile added successfully.","id":13}}				
Possible Error	Note: If the profile name already exist for the user then	an error			
	"OperationFailedException: Profile already exists for	the user" is			
	displayed				
Screenshot(Err	POST V http://192.168.2.156:8085/hi-ee/admin/profiles	Params Send V Save V			
or)	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code			
	Kan Value Fale				
action:add					
	(ormanically memory downlowy y tanana y and tarty)				
	Pretty Raw Preview	ū			
	Oops!	·			
	trator				
	OperationFailedException: Profile already exists for the user				
Post-action	User profile modification (edit / delete)				
	Con Promo mountation (out / delete)				

2.3.8 Get /Refresh/Pagination(Next,Prev) User-list

Note : To Get userlist/Refresh UserList/Pagination-Next/Prev we are using same API service.

URL	admin/users?limit=5&offset=0&searchPhrase=&searchOn=user
Description	It allows to shows/refresh the list of existing users and user details.
Pre-requisite	User should have logged in before accessing the service. Refer login

	module]		
	If the user is not logge	ed in then you will get login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	GET, POST		
Method			
Example	Access through bro	owser:	
	http://102.169.2.156		
	nttp://192.168.2.156:8085/ni- ee/admin/users?limit=5&offset=0&searchPhrase=&searchOn=user		
	ee/aumin/users/imm_J&onset_0&searchPhrase=&searchOn=user		
	Access through Curl command :		
	curldata		
	"j_username=hiadm	in&j_password=hiadmin&limit=5&offset=0&searchP	
	hrase=&searchOn=u	Iser	
	" http://192.168.2.15	56:8085/hi-ee/admin/users	
HTTP Request	HTTP Request	Description	
Key	Value		
v (optional)	1440151442591	Preferably timestamp to identify url uniquely	
limit(optional)	5	Set the number of records	
offset(optional)	0	Sets the starting record	
searchPhrase		Search for a type phrase from the list	
(optional)		Note : If you want to search for all users then keep it	
		as blank.	
searchOn	user	Search list by user name. Similarly by organization/	
(optional)		email/ roles	
Response	{"users":[{"slno":"1	","id":241,"name":"UserwithNoOrg","email":"Userwi	
Output	thNoOrg@helicaltec	ch.com","enabled":true,"organisation":"","orgName":"	
(JSON format)	Null","roles":[{"id":	278,"role":"ROLE_SUPER"}],"profiles":[{"id":3,"na	
	me":"testprofile","va	alue":"test12"}]},{"slno":"2","id":248,"name":"Userw	
	ithNoOrg1","email"	:"UserwithNoOrg@helicaltech.com","enabled":true,"	
	organisation":"","or	gName":"Null","roles":[{"id":2,"role":"ROLE_USER	
	"}],"profiles":[{"id"	:4,"name":"country","value":"india"},{"id":5,"name":	
	"state", "value": "Mu	mbai"},{"id":12,"name":"testProfile","value":"test"}]	
	},{"slno":"3","id":3,	"name":"downloadManager","email":"download@hel	
	icalinsight.com","en	abled":true,"organisation":"","orgName":"Null","role	
	s":[],"profiles":[]},{	"slno":"4","id":277,"name":"helical","email":"helical	
	@helicaltech.com",'	'enabled":true,"organisation":125,"orgName":"Helical	
	Insight","roles":[{"i	d":284,"role":"ROLE_USER"}],"profiles":[{"id":13,"	
	name":"country","va	alue":"india"}]},{"slno":"5","id":1,"name":"hiadmin",	
	"email":"admin@he	licalinsight.com","enabled":true,"organisation":"","or	
	gName":"Null","role	es":[{"id":1,"role":"ROLE_ADMIN"},{"id":2,"role":"	

	ROLE_USER"}],"profiles":[]}],"total":13}		
Description of	users json array which includes users information such as:		
Response	slno: serial number		
Output:	id : Id of the user		
	name: Name of the user		
	email: Email of user		
	enabled: Enable status of the user		
	organization: Name of organisation		
	roles: Assigned roles for the user		
	profile: Available profiles for the user etc		
	details get returned as response.		
Service Status	200 OK		
Screenshot	POST V http://192.168.2.156.8085/hi-ee/admin/users?limit=5&offset=0&searchPhrase=&searchOn=user Params Send V Save V		
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code		
	Type No Auth \checkmark		
	Body Cookles (5) Headers (7) Tests Status: 200 OK Time: 35 ms Size: 1.44 KB		
	Pretty Raw Preview HTML V		
	<pre>1 {("users":[("slno":"1","ia":24],"name":"UseruktNolorg", "ensil": "UseruktNolorg@helicaltech.com","ensaled":true,"organisation":"","orgIneme:"Null","roles":[("ia" :728,"role":"NolE_SUBER[)],"orofiles":[("ia":","name":"testrofile","yull":"testr2"])]("slno":"2","ja":[248,"name":"UseruktNolorg","nome":" :"UseruktNolorg@helicaltech.com","ensaled":true,"organisation":"","oroles":[("ia":2,"nole":"NolE_JUSER")], profiles":[("ia":","nome":"NolE_JUSER")], :"Osontry", "value:""India", '(id":", "name":"testrofile", "value:""NolE", "Tooles":[("ia":","nole":"","ia","nome":"","ia","nome":"","ia","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","ia",","nome":"","nome:"","nome":"","nome":"","nome":"","nome":"","nome":"","nome":"","nome":"","nome":"","nome":"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:"","nome:</pre>		
Post-action	Displays user details pagewise, all records, add/edit user details.		

2.3.9 Show number of User entries

URL	admin/users?limit=10&offset=0&searchPhrase=&searchOn=user
Description	It shows the requested number of existing users list with user details.
Pre-requisite	User should have logged in before accessing the service. [Refer login
	module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request	GET, POST
Method	
Example	Access through browser :
	http://192.168.2.156:8085/hi- ee/admin/users?limit=10&offset=0&searchPhrase=&searchOn=user Access through Curl command : curldata

	"j_username=hiadmin&j_password=hiadmin&limit=10&offset=0&search		
	Phrase=&searchOn=user" http://192.168.2.156:8085/hi-ee/admin/users		
HTTP Request	HTTP Request	Description	
Key	Value		
V (optional)	1440151442591	Preferably timestamp to identify url uniquely	
limit(optional)	10	Set the number of records	
offset(optional)	0	Sets the starting record	
searchPhrase		Search for a type phrase from the list	
(optional)			
searchOn	user	Search list by user name. Similarly by organization/	
(optional)		email/ roles	
Response	{"users":[{"slno":"1	","id":241,"name":"UserwithNoOrg","email":"Userwi	
Output	thNoOrg@helicaltec	ch.com","enabled":true,"organisation":"","orgName":"	
(JSON format)	Null","roles":[{"id":	278,"role":"ROLE_SUPER"}],"profiles":[{"id":3,"na	
	me":"testprofile","va	alue":"test12"}]},{"slno":"2","id":248,"name":"Userw	
	ithNoOrg1","email"	:"UserwithNoOrg@helicaltech.com","enabled":true,"	
	organisation":"","orgName":"Null","roles":[{"id":2,"role":"ROLE_USER		
	"}],"profiles":[{"id":4,"name":"country","value":"india"},{"id":5,"name":		
	"state","value":"Mumbai"},{"id":12,"name":"testProfile","value":"test"}]		
	},{"slno":"3","id":3,"name":"downloadManager","email":"download@hel		
	icalinsight.com","enabled":true,"organisation":"","orgName":"Null","role		
	s":[],"profiles":[]},{	"slno":"4","id":277,"name":"helical","email":"helical	
	@helicaltech.com","	enabled":true,"organisation":125,"orgName":"Helical	
	Insight","roles":[{"id":284,"role":"ROLE_USER"}],"profiles":[{"id":13,"		
	name":"country","value":"india"}]},{"slno":"5","id":1,"name":"hiadmin",		
	"email":"admin@he	licalinsight.com","enabled":true,"organisation":"","or	
	gName":"Null","role	es":[{"id":1,"role":"ROLE_ADMIN"},{"id":2,"role":"	
	ROLE_USER"}],"p	rofiles":[]}],"total":13}	
Description of	"users" is json array	which includes users information such as:	
Response	slno: serial number		
Output:	id : Id of the user		
	name: Name of the	user	
	email: Email of user		
	enabled: Enable sta	tus of the user	
	organization: Name	e of organisation	
	roles: Assigned role	es for the user	
	profile: Available p	rofiles for the user etc	
	shows total 10 user	entries as response.	
Service Status	200 OK		

Screenshot	POST http://192.168.2.156:8085/hi-ee/admin/users?limit=10&offset=0&searchPhrase=&searchOn=user Authorization Headers (1) Body Pre-request Script: Tests	Params Send V Save V Cookles Code
	Type No Auth 🗸	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 46 ms Size: 2.28 KB
	<pre>Pretty Raw Preview HTML > => 1 {"Users":[[':linb':1",''ii':24], "name": "UserwithWoOrg", "email: "UserwithWoOrg", "e</pre>	<pre>In the second seco</pre>
Post-action	Displays user details pagewise, all records, add/edit	user details.

2.3.10 Search based on User

URL	admin/users?searchPhras	e=user&searchOn=user&limit=5&offset=0	
Description	It filters the user list by user-name.		
	Here we are checking for the user having keyword 'user'		
Pre-requisite	User should have logged in before accessing the service. Refer login		
	module]		
	If the user is not legged in	then you will get legin page	
A goossible for		then you will get login page.	
Accessible for	KOLE_ADIVIIN		
HIIP Request	GEI, POSI		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-		
	ee/admin/users?searchPhrase=user&searchOn=user&limit=5&offset=0		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j	_password=hiadmin&searchPhrase=user&search	
	On=user&limit=5&offse	t=0" http://192.168.2.156:8085/hi-ee/admin/users	
HTTP Request	HTTP Request Value	Description	
Key			
searchPhrase	user	Search for a type phrase from the list	
searchOn	user	Search list by user name.	
limit(optional)	5	Set the number of records	
offset (optional)	0	Sets the starting record	
Response			

Output:	{"users":[{"slno":"1","id":2,"name":"hiuser","email":"user@helicalinsigh		
(JSON format)	t.com","enabled":true,"organisation":"","orgName":"Null","roles":[{"id":		
	2,"role":"ROLE_USER"}],"profiles":[]},{"slno":"2","id":282,"name":"tes		
	tinguser", "email": "testinguser@helicaltech.com", "enabled": true, "organisa		
	tion":127,"orgName":"testingorg","roles":[{"id":291,"role":"ROLE USE		
	R"}],"profiles":[]}],"total":2}		
Description of	The response will get as the "users" is a json array with respective search		
Repsonse	criteria having all details related to search keyword for user.		
Output:	slno: serial number		
-	id : Id of the user		
	name: Name of the user		
	email: Email of user		
	enabled: Enable status of the user		
	organization: Name of organisation		
	roles: Assigned roles for the user		
	profile: Available profiles for the user etc		
Service Status	200 OK		
Screenshot	GET V http://192.168.2.156:8085/hi-ee/admin/users?searchPhrase=user&searchOn=user&limit=5&offset=0 Params Send V Save V		
	Authorization Headers (1) Body Pre-request Script Lesis Code		
	Type No Auth V		
	Autonization Headers (I) tooy Pre-request script, rests Cookies Code Type No Auth ~ Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 44 ms Size: 694 B		
	Authorization Headers (I) Body Pre-request script, Fests Cookies Code Type No Auth ~ Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 44 ms Status: 694 B Pretty Raw Preview HTML Time: 44 ms Status: 200 OK Time: 44 ms Status: 200 OK		
	Putthorization Headers (I) Body Pre-request script Fests Cookies <		
	Putthorization Headers (I) Body Pre-request script Jests Cookes Code Type No Auth </th		
	Putthonization Headers (I) toopy Prefequest script Fests Cookies Code Type No Auch • Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 44 ms Ster: 694 B Pretty Raw Preview HTML • • • • • • 1 ("users", (['rslnw": "1", "nid": "1", "nide": "foosing this line input: com", "enabled": true, "organisation": "", "orglame": "Null", "roles": [('rid": 2, "role" •		
	Putthonzation Headers (I) Body Pretequest script Fess Cockies Code Type No Auth Image: Script Script Status: 200 OK Time: 44 mg		
	Putthonzation Headers (I) How y Prefequest script Pests Cookies Code Type No Auch Image: Script Script Status: 200 OK Time: 44 mg Script		
	Puttholization Headers (I) tooy Pretequest script Fest Cockes Code Type No Auth Image: Status: 200 OK Time: 44 mg Status: 200 OK		
	Putthonzation Presides (I) toop Pre-request script Pess Cockies Code Type No Auch Image: Status 200 OK Time: 44 mg		
Possible Errors :	Authonization Headers (1) How y Headers (7) Tests Cockies (6) Body Cockies (5) Headers (7) Tests Status: 200 OK Tme: 44 ms Status: 20 OK		
Possible Errors :	Pretry No Auth Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 44 mm		
Possible Errors :	Puttorization meaders (1) total total Type No Auch Status: 200 OK Time: 44 ms Status: 200 OK T		

2.3.11 Search based on Roles

URL	admin/users?searchPhrase=ROLE_ADMIN&searchOn=roles&limit=5&off set=0		
Description	User can filter the user list role wise. Here we are checking for the user having ROLE as 'ROLE_ADMIN'		
Pre-requisite	User should have logged in before accessing the service. Refer login		
-------------------------	--	--	--
	module]		
	If the user is not log	gged in then you will get login page.	
Accessible for	ROLE_ADMIN		
HTPP Method	GET, POST		
Example	Access through b	prowser :	
	http://102.169.2.1	56,00054	
	http://192.168.2.1	30:8083/m-	
	offset=0	carchi hrase=KOLE_ADWiNk&searchOn=foles&hint=5&	
	onset o		
	Access through Curl command :		
	curldata		
	"j_username=hiad	lmin&j_password=hiadmin&searchPhrase=ROLE_ADMI	
	N&searchOn=rol	es&limit=5&offset=0" http://192.168.2.156:8085/hi-	
	ee/admin/users		
Parameters	Values Parameters		
searchPhrase	ROLE_ADMIN Search for a type phrase from the list		
searchOn	roles	Search list by Roles.	
limit(optional)	5	Set the number of records	
offset (optional)	0	Sets the starting record	
Response	{		
Output (ISON formed)	"users":[{"slno":"	1","id":1,"name":"hiadmin","email":"admin@helicalinsig	
(JSON format)	ht.com", "enabled":true, "organisation":"", "orgName":"Null", "roles":[{"id":1		
	slno":"2"."id":281."name":"testingadmin"."email"·"testingadmin@helicalt		
	ech.com", "enabled":true, "organisation":127, "orgName": "testingorg", "roles"		
	:[{"id":290,"role"	:"ROLE_ADMIN"}],"profiles":[]}],"total":2	
	}		
Description of	The response returned as the "users" array with respective all user details		
the Response	having ROLE as	ROLE_ADMIN.	
Output:	sino. serial numb	er	
	id : Id of the user		
	name: Name of the	he user	
	email: Email of u	ser	
	enabled: Enable	status of the user	
	organization: Na	me of organisation	
	roles: Assigned r	oles for the user	
	profile: Available	e profiles for the user etc	
Service Status	200 OK		

Screenshot	GET V http://192.168.2.156.8085/hi-ee/admin/users?searchPhrase=ROLE_ADMIN&searchOn=roles&limit=5&offset=0 Params Send V Save	e ×
	Pretty Raw Preview HTML V) Q
	<pre>1 {{"users:[("slno":"1","id":1,"name":"hiadmin","email":"admin@helicalinsight.com","enabled":true,"organisation":"","orgName":"Null","roles":[('id":1,"role i "ROLE_ANUTI"),('id":2,"role":"ROLE_USER"]),"profiles":[)),('slno":"2","id":281,"name":"testingadmin","email":"testingadmin@helicaltech.com","enabled ,"organisation":127,"orgName":"testingorg","roles":[('id":290,"role":"ROLE_ADMIN")],"profiles":[)),"total":2)</pre>	":true
Possible Errors	When the search criteria do not match then will get response as : { "users": [], "total": 0 } "users" array is blank	

2.3.12 Search based on Email

URL	admin/users?searchPhrase=user@&searchOn=email&limit=5&offset=0			
Description	User list ge	et filter by user e-mail address.		
	We need to	p pass the mail is as searchPhrase to filter userlist by email		
	address.			
Pre-requisite	User shoul	d have logged in before accessing the service. [Refer login		
	module]			
	If the user is	s not logged in then you will get login page.		
Accessible for	ROLE_AD	DMIN		
HTTP Request	GET, PO	ST		
Method				
Example	Access through browser :			
	http://192.168.2.156:8085/hi- ee/admin/users?searchPhrase=user@&searchOn=email&limit=5&offset=0 Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&searchPhrase=user@&search On=email&limit=5&offset=0" http://192.168.2.156:8085/hi-ee/admin/users			
Parameters	Values	Parameters		
searchPhrase	user@	Search for a type phrase from the list		
		Which will check for mail id as user@		
searchOn	email	Search list by email.		

limit(optional)	5	Set the number of records		
offset (optional)	0 Sets the starting record			
Response	{			
Output	"users":	{		
(JSON format)	"slno"	: "1",		
	"id": 2,			
	"name	"name": "hiuser",		
	"emai	l": "user@helicalinsight.com",		
	"enab	led": true,		
	"orgai	"organisation": "",		
	"orgN	ame": "Null",		
	"roles	": [
	{			
	"	id": 2,		
		role": "ROLE_USER"		
	}			
],			
	"profiles": []			
	},			
	"total": 1			
	}	}		
Description of	The response will get as the user array with user details having the email			
Response	address like 'user@'. User details are :			
Output	slno: serial number			
_	id: Id of th	ie user		
	name: Nar	ne of the user		
	email: Em	ail of user		
	enabled: Enable status of the user			
	organization: Name of organisation			
	roles: Assigned roles for the user			
	profile: Av	vailable profiles for the user etc		
Service Status	200 OK			
Screenshot				
	GET ∨ http:	/192.168.2.156:8085/hi-ee/admin/users?searchPhrase=user@&searchOn=email&limit=5&offset=0	Params Send Sav	/e Y
	Deathy Daw Dea		T	hΟ
	FIELY NAW FIE	ERM FRANK -	ų	14
	1 {"users":[{"slno" i :"ROLE_USER"]	:"1","id":2,"name":"hiuser","email":"user@halicalinsight.com","enabled":true,"organisation":"","orgNa],"profiles":[]},{"slno":"2","id":282,"name":"testinguser","email":"testinguser@helicaltech.com","ena	<pre>me":"Null","roles":[{"id":2,"role" wbled":true,"organisation":127,"org</pre>	Name"
	:"testingorg	"roles":[{"id":291,"role":"ROLE_USER"}],"profiles":[]}],"total":2}		
Possible	When the s	earch criteria do not match then will get the fo	ollowing respon	ise:
Errors	{			

"users": [],
"total": 0
}
"users" array is blank

2.3.13 Search based on Organization

URL	admin/users?sea	rchPhrase=Helical&searchOn=organisation&limit=5&offse	
	t=0		
Description	It filters the User list organization wise.		
Pre-requisite	User should have logged in before accessing the service. [Refer login		
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	GET, POST		
Method			
Example	Access through	browser :	
	1.4	156.00054.	
	nttp://192.108.2. ee/admin/users?s	150:8085/III- searchPhrase-Helical&searchOn-organisation&limit-5&of	
	fset=0		
	Access through Curl command :		
	ourl data		
	'j username=hiadmin&j password=hiadmin&searchPhrase=Helical&searc		
	hOn=organisation&limit=5&offset=0		
	"http://192.168.2.156:8085/hi-ee/admin/users		
Parameters	Values	Parameters	
searchPhrase	Helical	Search for a type phrase from the list	
searchOn	organisation	Search list by organization.	
limit(optional)	5	Set the number of records	
offset (optional)	0	0 Sets the starting record	
Response	{"users":[{"slno":"1","id":102,"name":"Insight","email":"Insight@helicalte		
Output	ch.com","enabled":true,"organisation":1,"orgName":"HelicalInsight","roles		
(JSON format)	":[{"id":102,"role":"ROLE_USER"}],"profiles":[]},{"slno":"2","id":101,"n		
	ame":"helical","email":"helical@helicaltech.com","enabled":true,"organisat		
	ion":2,"orgName":"Helical","roles":[{"id":104,"role":"ROLE_USER"}],"pr		
	ofiles":[]}],"total":2}		
Description of	The response wi	ll get as the user array with user details having the	

Response	organization as 'Helical' shown below :			
Autnut.	sino. serial number			
Output.	id . Id of the user			
	Id : Id of the user			
	name: Name of the user			
	email: Email of user			
	enabled: Enable status of the user			
	organization: Name of organisation			
	roles: Assigned roles for the user			
	profile: Available profiles for the user etc			
Service Status	200 OK			
Screenshot	GET V http://192.168.2.156.8085/hi-ee/admin/users?searchPhrase=Helical&searchOn=organisation&limit=5&offset=0 Params Send V Save V			
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code			
	Type No Auth V			
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 189 ms Size: 695 B			
	Pretty Raw Preview HTML V 📅			
	<pre>1 {/"users":[{"slno":"1","id":102,"name":"Insight","email":"Insight@helicaltech.com","enabled":true,"organisation":1,"orgName":"HelicalInsight","roles":[{"id":102,"name":"[{"id":102,"name":"Logination":1,"orgName":"HelicalInsight","roles":[{"id":102,"name":"Logination":1,"orgName":"HelicalInsight","roles":[{"id":102,"name":"Logination":1,"orgName":"HelicalInsight","roles":[{"id":102,"name":"Logination":1,"orgName":"HelicalInsight","roles":[],("slno":"2","id":101,"name":"Helical","email":"Helical@helicaltech.com","enabled":true,"organisation":2,"orgName" :"Helical","roles":[{"id":104,"role":"ROLE_USER"}],"profiles":[]}],"total":2]</pre>			
Possible Errors	When the search criteria do not match then you will get response as: { "users": [], "total": 0 } "users" array is blank			

2.3.14 Edit 2.3.14.1 Edit User

URL	admin/users
Description	 It allows to update existing user details where as Superadmin can update all the user details belongs to multiple organization. Organization admin can update their respective organization user details. Password , email ,enabled status can be editable.

	Note : To edit user we require	Note : To edit user we requires the ID of the particular user which is		
	assigned at the time of user of	creation to know the userID <u>Refer UserList</u>		
Pre-requisite	User should have logged in before accessing the service. [Refer login			
	module]			
Accessible for		r you will get logill page.		
Accessible for	ROLE_ADMIN			
HIIP Request	POST			
Fxomplo	Access through browser :			
Example	Access through browser :			
	http://192.168.2.156:8085/h	i-ee/admin/users		
	Access through Curl comn	nand :		
	curldata			
	"j_username=hiadmin&j_pa	ssword=hiadmin&action=update&id=102&for		
	mData:={'password':",'email	':'helicalInsight@helicaltech.com','enabled':true		
	}" http://192.168.2.156:8085	5/hi-ee/admin/users -v		
HTTP Request	HTTP Request Value	Description		
Key				
action:		Uperation to update user details		
10:	102	ID of the user .		
formData:	{ password : , email :	JSON object containing user information		
	"helicalInsight@helicaltec	"Enabled" is a Boolean value having value		
	h.com",	"true" or "false" If Enabled is false then		
	"enabled": true}	respective user cannot login into the		
		application		
		email: which you are going to update		
Response	{			
Output	"status": 1.			
(JSON format)	"Response": {			
	"message": "Liser undat	ted successfully "		
		icu successiuny.		
Description of				
Description of	The response of the API is, it returns the success status value as 1 if it fails			
the Response	returns U as the status.			
Output:	Despective response as succes	o message.		
	Respective user details are n	noaifiea.		
Service Status	200 OK			

Screenshot	POST V http://192.168.2.156.8085/hi-ee/admin/users Params Send V Save V				
	Key	Value	Description	Bulk Edit	
	New key				
	Authorization Headers (1) Body Pre-request Scrip	ot Tests		Cookies Code	
	form-data • x-www-form-urlencoded • raw • bina	ary			
	Key	Value	Description	••• Bulk Edit	
	action	update			
	id id	102			
	formData	{"password": "","email": "helicalInsight@helicaltech.com",			
	New key				
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 56 ms Size: 3				
	Pretty Raw Preview HTML V 5				
	<pre>i 1 {"status":1,"response":{"message":"User updated su</pre>	ccessfully. "}}			
Post-action	We Can edit / update user	details.			

2.3.14.2 Edit User Role

URL	admin/users		
Description	 It allows admin to edit user's roles from the existing user list. Moreover, Superadmin can edit all user's roles belongs to existing list of organization. Organization admin can edit user's roles belong to their respective organization. Note : To edit user roles we requires the ID of the particular role which is assigned at the time of role creation to know the roleID <u>Refer RoleList</u> 		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
Accessible for	ROLE ADMIN	you will get logill page.	
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/admin/users Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&action=update&id=102&for mData:={'id':102, 'name': 'Insight', 'password': ", 'email': 'helicalInsight@helical tech.com', 'enabled':true, 'roleIds':[102]}" http://192.168.2.156:8085/hi- ee/admin/users -v		
HTTP Request Key	HTTP Request Value Description		
action:	update	Operation to update information	
id:	102	User-id	
formData:	{"id":102,"name":"Insight","password":"","email":"email":"helicalInsight@helicaltech.comEdits","enabled": true,"roleIds": [102]		

Response				
Output	"status": 1,			
(JSON format)	"Response": {			
	"message": "User updated successfully."			
	}			
	Ĵ			
Description of	The response of the API is, it returns the success statu	s value as 1 if it fails		
Response	returns 0 as the status.			
Output:	It returns response as success message.			
	Respective user role details are modified.			
Somico Status	200			
Service Status	200			
Screenshot	POST V http://192.168.2.156:8085/hi-ee/admin/users	Params Send 🗡 Save 🗡		
	Key Value Descriptio	n •••• Bulk Edit		
	New key Value Descripti	n		
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code		
	form-data form-urlencoded raw binary			
	action:undate	Key-Value Edit		
	action:update id:102 formData:{"id":"102","name":"Insight","password":"","email":"heli¦calInsight@helicaltech.com","enabled":true,"roleIds":[102]}			
		1		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 64 ms Size: 374 B		
	Pretty Raw Preview HTML V	Ē Q		
	<pre>{1 {"status":1, "response":{"message":"User updated successfully. "}}</pre>			
Post-action	Can edit / update user details.			

2.3.14.3 Edit User Profile

URL	admin/profiles		
Description	 It allows admin to edit user's profile from the existing list. Moreover, Superadmin can edit all user's profile belongs to existing list of organization. Organization admin can edit user's profile belong to their respective organization. Note : To edit user profile we requires the ID of the particular profile which is assigned at the time of profile creation to know the profileID <u>Refer</u> <u>UserList</u> 		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in the	n you will get login page.	
Accessible for	KOLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/admin/profiles Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&action=update&id=1&formD ata:={'id':1,'name':'State','value':'MH'}" http://192.168.2.156:8085/hi- ee/admin/profiles -v		
HTTP Request Kev	HTTP Request Value	Description	
action:	update	Operation to add new user profile	
id:	1	Profile id which needs to be edit	
formData:	{"name":"State", "value":"MH", "id":1}	JSON object containing profile information name :name of the profile value : value of the profile id: ID of the profile	
Response Output (JSON format)	{ "status":1, "response":{"message":"Profile updated successfully"} }		
Description of	The response of the API is, it returns the success status value as 1 if it fails		
response	returns 0 as the status.		
Output:	It returns response as succe	ss message.	
	profile get updated with the database.	profile get updated with the respective user and the values is stored in database.	
Service Status	200 OK		

Screenshot	POST V http://192.168.2.156:8085/hl-ee/admin/profile	es Value	Params Se Description	nd V Save V
	New key	Value		
	Authorization Headers (1) Body Pre-request Scrip	t Tests		Cookies Code
	🔍 form-data 🔎 x-www-form-urlencoded 🔍 raw 🔍 bina	ry		
				Key-Value Edit
	Formuata: {"name": "State", "Value": "MH", "1d": 1.}] Body Cookies (5) Headers (7) Tests		Status: 200 OK	// Time: 44 ms Size: 375 B
	Pretty Raw Preview HTML V		lī Q	
	<pre>i { "status":1,"response":{"message":"Profile updated</pre>	successfully")}		
Post-action	User profile modification ((edit / delete)		

- 2.3.15 Delete
- 2.3.15.1 Delete User

URL	admin/users	
Description	 It allows admin to remove user's profile from the existing list. Moreover, Superadmin can remove all user's profile belongs to existing list of organization. Organization admin can remove user's profile belong to their respective organization. 	
r re-requisite	module] If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request Method	POST	
Example	Access through browser : http://192.168.2.156:8085/hi-ee/admin/users Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&action=delete&id=208" http://192.168.2.156:8085/hi-ee/admin/users -v	
HTTP Request	HTTP Request Value	Description
Key	dalata	Operation to remove existing user
id.	208	Id of the user for delete
Response Output (JSON format)	{"status":1, "response": {"message":"User deleted successfully"}}	
Description of response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as success message. Requested user get deleted	
Service Status	200 OK	

Screenshot	POST V http://192.168.2.156:8085/hi-ee/admin/users	Params Send Y Save Y
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code
	◎ form-data x-www-form-urlencoded aw binary	
		Key-Value Edit
	Roder Consider (5) Hander (7) Tarr	Status 200 OK Time: 73 ms Size: 372 B
	body cookies (3) neaders (7) Tesis	Saute Lee on This Form SLE FILD
	Pretty Raw Preview	
	<pre>{"status":1,"response":{"message":"User deleted successfully"}}</pre>	

2.3.15.2 Delete User Profile

URL	admin/profiles		
Description	 It allows admin to remove user's profile from the existing list.Moreover, Superadmin has the authority to remove all user's profile belongs to existing list of organization. Organization admin has the authority to remove user's profile belong to their respective organization. Note : To delete user profile we requires the ID of the particular profile which is assigned at the time of profile creation to know the profileID Refer UserList 		
Pre-requisite	User should have logged in before accessing the service.[Refer login module] If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser : http://192.168.2.156:8085/hi-ee/admin/profiles Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&action=delete&id=4" http://192.168.2.156:8085/hi-ee/admin/profiles -v		
HTTP Request Key	HTTP Request Value	Description	

action:	delete	Operation to remove existing user profile
id:	4	User profile ID.
Response Output (JSON format)	{ "status": 1, "Response": { "message": "Profile del } }	leted successfully"
Description of response Output:	The response of the API is, returns 0 as the status. It returns response as success Requested user profile get de	it returns the success status value as 1 if it fails s message. eleted
Service Status	200 OK	
Screenshot	POST http://192.168.2.156:8085/hi-ee/admin/pro Authorization Headers (1) Body ● Pre-request Scrit ● form-data • x-www-form-urlencoded ● raw ● bin	files Params Send V Save V pt Tests Cookies Code nary Key-Value Edit
	action:delete id:4 Body Cookles (5) Headers (7) Tests Pretty Raw Preview {"status":1,"response":{"message":"Profile success	Status: 200 OK Time: 96 ms Size: 375 B

2.4 Organizations

2.4.1. Get Organization List/Refresh/Pagination-Next/Prev

URL	admin/organisations
Description	It displays the existing organizations list.User can refresh the organisation list and the user can use pagination -Next /Prev functionality as well.
Pre-requisite	User should have logged in before accessing the service.[Refer login module] If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request Method	GET ,POST

Example	Access through browser :				
F					
	http://192.168.2.156:8085/hi-ee/admin/organisations				
	Access through Curl command :				
	curldata "j_username=hiadmin&j_password=hiadmin" http://192.168.2.156:8085/hi-ee/admin/organisations -v				
Response	{				
Output:	"organisations": [
(JSON format)	{				
()	"slno": "1".				
	"id": 123.				
	"name"· "testingorg"				
	"description": "testing Organisation"				
	l costing organisation				
	ر ۱				
	["almo", "2"				
	"name": "HelicalInsight",				
	"description": "HelicalInsight"				
	}				
],				
	"total": 2				
	}				
Description of	The response of the API is the array of existing organisations with				
Response	serialNo, organisation ID, organisation name and the description of the				
Output:	organisation is returned with the total count of organisation.				
L	slno : Serial Number				
	id : ID of the organisation				
	name : Name of the organisation				
	description · Description of organisation				
	It displays all the non-Super organisations				
Service Status	200 OK				
Service Status					
Screenshot	GEI V Indpy/132.100.2.100.000/mr-ee/admin/organisations Params Send Salve V				
	Authorization Headers Body Pre-request Script Tests Cookies Code				
	Type No Auth 🗸				
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 92 ms Size: 494 B				
	2				
	5 "id": 123, 6 "name": "testingorg", 7 "description": "testing Organisation"				
	8 }, 9 ~ { 10 "slno": "2",				
	11 "id": 125, 12 "name": "HelicalInsight", 13 "description": "HelicalInsight"				
	14 } 15], 16 "total": 2				
	17 B				

Post-action Edit / Delete organization by superadmin.

2.4.2 Add Organization

2.4.3 Delete Organization

URL	admin/organisations		
Description	It allows super admin to remove organization from the existing organisation		
	list.		
	Organization will be deleted permanently from the database. This action is		
	irreversible. Also, the respec	tive users and roles are deleted.	
Pre-requisite	User should have logged in	before accessing the service. [Refer login	
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN(super admin)		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://102.160.2.156.0005/h	a a /admin /arganisations	
	http://192.168.2.156:8085/h1-ee/admin/organisations		
	Access through Curl command :		
	i constant contraction i		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&action=delete&id=126"		
	http://192.106.2.150.6065/m-ee/admin/organisations -v		
HTTP Request	Values	Description	
Key			
action:	delete	Operation to remove organization	
id:	126	Organization id assigned while organisation	
		creation OR <u>Refer Get OrganisationList</u> to get	
D	(the id of the organisation you want to delete.	
Response	{		
	"status": 1,		
(JSON format)	"Response": {		
	message : Organization deleted successfully		
	j		
Decemintian of	} The manage of the ADI 's	it notices the encourse status value of 1 if it for 1	
Description of	The response of the API is, it returns the success status value as 1 if it fails		

the Response Output :	returns 0 as the status. It returns response as success message and Organization is deleted permanently from the database. This action is irreversible. Also, the respective users and roles are deleted.		
Service Status	200 OK		
Screenshot	POST v http://192.168.2.156:8085/hi-ee/admin/organisations Params Send v Save v Authorization Headers (1) Body • Pre-request Script Tests Cookles Code • form-data *xwww-form-unlencoded • raw • binary Key-Value Edit action: delete id:126		

2.4.4 Search Organization

URL	admin/organisations?limit=5&searchPhrase=HelicalInsight&offset=0&sear		
	chOn=name		
Description	It allows super admin to search the specific organization from the existing		
	organization list by entering any phrase/keyword.		
	In case of no records Found indicates organization not available in the list		
	or typed phrase/keyword is wrong.		
Pre-requisite	User should have logged in before accessing the service. [Refer login		
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN(super admin)		
HTTP Request	GET ,POST		
Method			
Example	Access through browser :		
	http://102.169.2.156.9095/L:		
	mup://192.108.2.150:8085/m-		
	earchOn=name		
	Access through Curl command :		
	Curi data		
	j_username=madmin&j_password=madmin&imit=5&searchPhrase=Henc		
	allnsight&ottset-O&searchOn-name" http://197/168/7/156-8085/hi-		
	Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&limit=5&searchPhrase=Helic		

HTTP Request	HTTP Request	Description	
Key	Value		
limit(optional)	5	Set the number of records	
searchPhrase	HelicalInsight	Search for a type phrase from the li	st
		Note : It should be the exact name p	bassed while
		organisation creation.	
offset (optional)	0	Sets the starting record	
searchOn	name	Search list by user name.	
Response	{		
Output:	"organisations":	[
(JSON format)	{		
	"slno": "1",		
	"id": 125,		
	"name": "He	elicalInsight",	
	"description	": "HelicalInsight"	
	}	C	
	"total": 1		
	}		
Description of	The respone is the s	search organisation details which are	the organisation
Response	name .id . description	on etc with total count of organisation	ns.
Output :	sino : Serial Number		
- · · · I · · · ·	id : ID of the organisation		
	name : Name of the organisation		
	description : Description of organisation		
Service Status	200 OK		
Screenshot	GET > http://192.168.2.156:8085/	hi-ee/admin/organisations?limit=5&searchPhrase=HelicalInsight&offset=0&searchOn=name	Params Send Y Save Y
	Body Cookies (5) Headers (7) Te	55	Status: 200 OK Time: 16 ms Size: 415 B
	Pretty Raw Preview ISON V	5	<u>٦</u> 0
	1• (1 ~
	2 * "organisations": [3 * { 4 "slno": "1",		
	5 "id": 125, 6 "name": "HelicalInsigh 7 "description": "Helica	t", llnsight"	
	8 } 9],		
Possible Error	If no records found		
	{		
	"organisations":	[],	
	"total": 0		
	}		
Post-action	Modify / Delete Or	ganization	

2.4.5 Refresh Organization

URL	admin/organisations?limit=5&searchPhrase=&offset=0¤tPage=1&se		
	archOn=name		
Description	It refreshes the list of organization. Shows you the list of organization after		
	refresh if any new organisations are updated.		
Pre-requisite	User should have logged in before accessing the service. [Refer login		
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN(super	admin)	
HTTP Request	GET ,POST		
Method			
Example	Access through br	owser:	
	1	C 20054 :	
	http://192.168.2.15	6:8085/fil- ions ?limit=5 & search Phrase= & offset=0 & surrent Page=1	
	&searchOn=name	ions innit – Jæsearen mase – æonset – bæcurrenti age – i	
	Access through Cu	url command :	
	curldata		
	"j_username=hiadn	nin&j_password=hiadmin&limit=5&searchPhrase=&off	
	set=0¤tPage=1&searchOn=name" http://192.168.2.156:8085/hi-		
	ee/admin/organisations		
	ee/admin/organisat	ions	
HTTP Request	ee/admin/organisat	Description	
HTTP Request Key	ee/admin/organisat: HTTP Request Value	Description	
HTTP Request Key limit(optional)	ee/admin/organisat: HTTP Request Value 5	Description Set the number of records	
HTTP Request Key limit(optional) searchPhrase	ee/admin/organisat HTTP Request Value 5	Description Set the number of records Search for a type phrase from the list	
HTTP Request Key limit(optional) searchPhrase	ee/admin/organisat: HTTP Request Value 5	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list	
HTTP Request Key limit(optional) searchPhrase	ee/admin/organisat: HTTP Request Value 5 0	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage	ee/admin/organisat HTTP Request Value 5 5 0 1	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn	ee/admin/organisat: HTTP Request Value 5 5 0 1 name	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response	ee/admin/organisat: HTTP Request Value 5 0 1 name {	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response Output:	ee/admin/organisat: HTTP Request Value 5 5 0 1 name { "organisations":	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response Output: (JSON format)	ee/admin/organisat: HTTP Request Value 5 0 1 name { "organisations": {	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response Output: (JSON format)	ee/admin/organisat: HTTP Request Value 5 5 0 1 name { "organisations": { "slno": "1",	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response Output: (JSON format)	ee/admin/organisat: HTTP Request Value 5 0 1 name { "organisations": { "slno": "1", "id": 125,	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response Output: (JSON format)	ee/admin/organisat: HTTP Request Value 5 0 1 name { "organisations": { "slno": "1", "id": 125, "name": "Hu	Description Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response Output: (JSON format)	ee/admin/organisat: HTTP Request Value 5 0 1 name { "organisations": { "slno": "1", "id": 125, "name": "He "description"	Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	
HTTP Request Key limit(optional) searchPhrase offset (optional) currentPage searchOn Response Output: (JSON format)	ee/admin/organisat: HTTP Request Value 5 0 1 name { "organisations": { "slno": "1", "id": 125, "name": "He "description },	Description Description Set the number of records Search for a type phrase from the list Keep it as blank so that you will get all organisations list. Sets the starting record Set the number of page. Search list by user name.	

	"slno": "2",			
	"id": 123,			
	"name": "testingorg",			
	"description": "testing Organisation"			
	}			
	1.			
	"total": 2			
	}			
Description of	The response of the API is the array of existing organisations with			
the Response	serialNo, organisation ID, organisation name and the description of the			
Output	organisation is returned with the total count of organisation.			
Juipui	slno : Serial Number			
	id : ID of the organisation			
	name : Name of the organisation			
	description : Description of organisation			
	It displays all the non-Super organisations.			
Service Status	200 OK			
Screenshot	POST v http://192.168.2.156:8085/hi-ee/admin/organisations?/limit=5&searchPhrase=&offset=0¤tPage=1&searchOn=name Params Send v Save v			
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 52 ma Size: 494 B			
	Pretty Raw Preview JSON V 5			
	<pre>1 * (]</pre>			
Error	If no records found			
(expected)	{			
	"organisations": [],			
	"total": 0			
	}			
Post-action	Modify / Delete Organization			

2.4.6 Show number of Organization entries

URL	admin/organisations?limit=10&offset=0&searchPhrase=¤tPage=1 &searchOn=name
Description	It shows the number of entries in organization list.
Pre-requisite	User should have logged in before accessing the service. Refer login

	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN(super admin)		
HTTP Request	GET, POST		
Method			
Example	Access through bro	owser :	
	http://102.169.2.156		
	nup://192.108.2.150	0.0003/III-	
	=1&searchOn=name	ons innit_10&onset=0&searchritiase=¤trage	
	Access through Cu	rl command :	
	curldata		
	<u>j_username=niadm</u>	in&j_password=hiadmin&limit=10&offset=0&search	
	"http://102.168.2.15	ge=1&searchOn=name	
	Intp.//192.108.2.13	0.8083/III-ee/admin/organisations	
HTTP Request	HTTP Request	Description	
Key	Value	-	
limit(optional)	10	Set the number of records /number of user entries	
offset(optional)	0	Sets the starting record	
currentPage	1	Number of the page	
searchPhrase		Search for a type phrase from the list	
(optional)		Court list house a second Circile here are a institute	
searchOn (optional)	user	search list by user name. Similarly by organization/	
(optional)	ſ	email/ roles	
Response	{ "anaaniaationa". [
(ISON format)	organisations : [
(JSON Iorinat)	{ 		
	"id": 125		
	u . 125, "name": "He	licalInsight"	
	"description"	'· "HelicalInsight"	
	}	. Heneumsight	
], {		
	"slno": "2".		
	"id": 123.		
	"name": "test	tingorg".	
	"description"	': "testing Organisation"	
	}		

], "total": 2 }
Description of	"organizations" is json array which includes organization information
Response	such as slno, organization, id, and so on and shows total 10 user entries.
Output:	 slno : Serial Number id : ID of the organisation name : Name of the organisation description : Description of organisation
Service Status	200 OK
Screenshot	POST × http://192.168.2.156.8085/hi-ee/admin/organisations?limit=10&offset=0&searchPhrase=¤tPage=1&searchOn=na Params Send × Save × Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 61 ms State: 494 B Pretty Raw Preview HTML × Time: 10 ms Time: 10 ms State: 200 OK Time: 61 ms State: 494 B (1) (forganisations*): [(*sino*:*10**;10**;10**;10**;10**;10**;10**;10

2.5 Roles

2.5.1 Add role under Super organization

2.5.2 Add role under organization

2.5.3 Get Role-List

URL	admin/roles?limit=5&searchPhrase=&offset=0&searchOn=name		
Description	It allows super admin /organisation admin to get all roles from the existing		
	list of roles.		
Pre-requisite	User should have logged in before accessing the service. [Refer login		
	<u>module</u>]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	GET ,POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-		

	ee/admin/roles?limit=5&searchPhrase=&offset=0&searchOn=name		
	Access through Curl command :		
	curldata "i_username=hiadmin&i_password=hiadmin&limit=5&searchPhrase=&off		
	set=0&searchOn=name" http://192.168.2.156:8085/hi-ee/admin/roles		
HTTP Request	HTTP Request	Description	
Key	Value		
limit(optional)	5	Set the number of records	
searchPhrase		Search for a typed phrase from the list which role	
	0	you want to search.	
offset (optional)	0	Sets the starting record	
searchOn(optional)	name	Search list by name	
Response	{ "total":10, "roles":[{ "s	Sino": "1", "id":102, "name": "ROLE_USER", "organisat	
Output:	10n : 1, "orgName": "He	Silcalinsignt" },{ "sino": "2", "id":101, "name": "ROLE_	
(JSON format)	ADMIN [®] , organisation	n":1, "orgName": "Helicalinsight" }, {"sino": "3", "id":10	
	4, "name": "ROLE_USI	ER", "organisation":2, "orgName": "Helical" }, {"sino":	
	4, 10:103, name : R	OLE_ADMIN, organisation :2, orginame : Helical	
	"},{"sino":"5","id":116,"name":"KOLE_USER","organisation":6,"orgName ":"testingorg"}]}		
Description of	The response returned as the total number of records with roles array having		
Response	role details as serialNo	roleID,role name and associated organisation id and	
Output:	its name etc		
•	sino : Serial Number		
	id : ID of the role		
	name : Name of the role		
	organisation: ID of the organisation.		
	orgName: Name of organisation		
Service Status	200 OK		
Screenshot	GET V http://192.168.2.156:8085/hi-ee/ac	Imin/roles?limit=5&searchPhrase=&offset=0&searchOn=name Params Send Y Save Y	
	Authorization Headers (1) Body Pre-requ	est Script Tests Cookies Code	
	Type No Aud	h V	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 25 ms Size: 740 B	
	Pretty Raw Preview HTML V	[L] Q	
	<pre>1 {"total":10,"roles":[{"slno":"1","id":102,</pre>	"name":"ROLE_USER","organisation":1,"orgName":"HelicalInsight"),("slno":"2","id":101,"name":"ROLE_ADMIN" sight"),("slno":"3","id":104,"name":"ROLE_USER","organisation":2,"orgName":"Helical"),("slno":"4","id":103."name"	
	:"ROLE_ADMIN","organisation":2,"orgNam	e":"Helical"),{"slno":"5","id":116,"name":"ROLE_USER","organisation":6,"orgName":"testingorg"}}]}	

Possible Error	If no record found then will get response as follow : { "total": 0, "roles": [] }
	}
Post-action	We can modify / delete roles.

2.5.4 Pagination-Next/Prev/Refresh Role-list/Show number of role entries

URL	admin/roles?limit=	5&searchPhrase=&offset=0¤tPage=2&searchOn=	
	name		
Description	It allows to refresh	the role-list / show the number of entries in role page	
	/the pagination ope	rations.	
	For that you can ap	ply the search criteria according to your requirement.	
	Note: Required parameters are described below in HTTP Request Key-		
	Value section.		
Pre-requisite	User should have lo	ogged in before accessing the service. [Refer login	
	module]		
	If the user is not logg	ed in then you will get login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	GET ,POST		
Method			
Example	Access through br	rowser :	
	1	< 00054	
	http://192.108.2.15 ee/admin/roles?lim	0:8083/111- it=5&searchPhrase=&offset=0¤tPage=2&search	
	ce/au11111/101es :111111=3 $csearchr111 ase= $ $conset=0 $ $current rage= 2 $ $csearch$		
	Access through Co	url command :	
	curldata		
	j_username=niadmin&j_password=niadmin&limit=5&searchPhrase=&off set=0¤tPage=2&searchOn=name" http://102.168.2.156:0005/hj		
	ee/admin/roles		
HTTP Request	HTTP Request	Description	
Key	Value		
limit(optional)	5	Set the number of records	
searchPhrase	ROLE_USER	Search for a typed phrase from the list	
	0		

searchOn(optional)	name	Search list by user name		
currentPage	2	Number of the page		
Response	{"total":10,"roles":[{"slno":"1","id":102,"name":"ROLE_USER","organisat			
Output:	ion":1,"orgName":"HelicalInsight"},{"slno":"2","id":101,"name":"ROLE_			
(JSON format)	ADMIN","organisation":1,"orgName":"HelicalInsight"},{"slno":"3","id":10			
	4,"name":"ROLE_1	USER","organisation":2,"orgName":'	'Helical"},{"slno":"	
	4","id":103,"name"	:"ROLE_ADMIN","organisation":2,"	orgName":"Helical	
	"},{"slno":"5","id":	116,"name":"ROLE_USER","organis	sation":6,"orgName	
	":"testingorg"}]}			
Description of	The response return	ned as the total number of records wit	h roles array having	
Response	role details as seria	lNo roleID,role name and associated	organisation id and	
Output:	its name etc.			
	slno : Serial Numbe	er		
	id : ID of the role			
	name : Name of the	e role		
	organisation: ID o	f the organisation.		
	orgName: Name of	orgName: Name of organisation		
	Displays the roles l	list as per the applied criteria		
Service Status	200 OK			
Screenshot	GET V http://192.168.2.156:8085	/hi-ee/admin/roles?limit=5&searchPhrase=&offset=0¤tPage=2&searchOn=name	Params Send V Save V	
	Authorization Headers (1) Body I	Pre-request Script Tests	Cookies Code	
	Authorization Headers (1) Body T	Pre-request Script Tests	Cookies Code	
	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) Te	Pre-request Script Tests No Auth	Cookies Code Status: 200 OK Time: 59 ms Size: 740 B	
	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) Body Cookies (5) Headers (7) Te Pretty Raw Preview HTML	Pre-request Script Tests No Auth ests	Cookies Code Status: 200 OK Time: 59 ms Size: 740 B	
	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) Te Pretty Raw Preview HTML ~ 1 (("total":10, "roles":[("slino":"]," or * role: AoUT," organisation":1," organisation":2," organisatio":2," organisation":2," o	Pre-request Script Tests No Auch iss id":182,"name":"ROLE_USER","organisation":1,"orgName":"HelicalInsight"),("sino":"2 ilcalInsight"),("sino":"3","id":104,"name":"RoLE_USER","organisation":2,"orgName" "ropName:""NoticalSer":"5","id":104,"name":"RoLE_USER","organisation":2,"orgName" "	Cookies Code Status: 200 OK Time: 59 ms State: 740 B Cookies Code Status: 200 OK Time: 59 ms State: 740 B Cookies Code Cookies Code Status: 200 OK Time: 59 ms State: 740 B Cookies Code	
	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) Te Pretty Raw Preview HTML ~ 1 [("total":10, "roles":[("sino":"1",""] f :"ROLE_ADMIN","organisation":2,	Pre-request Script Tests No Auch ests tests test	Cookies Code Status: 200 OK Time: 59 ms Size: 740 B	
Possible Error	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) Te Pretty Raw Preview HTML ~ 1 [("total":10,"roles": [("sino":"","","","","","","","","","","","",""	Pre-request Soript Tests No Auth Sets Sets Sets Sets Sets Sets Sets Sets	Cookies Code Status: 200 OK Time: 59 ms Size: 740 B C Q ,"id":101,"name":"ROLE_ADVID!" "Melical"),("plno":"4":103, "name" glame":"testingorg"))))	
Possible Error	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) Te Pretty Raw Preview HTML × 1 [("total":10, "roles":[("sino":"1","" i ("rogenisation":1,"organisation":2, If no record found to {	Pre-request Soript Tests No Auth • ests • Image: "Roll_USER", "organisation":1, "orgName": "HelicalInsight"), ("sino": "2", "id":180, "name": "HelicalInsight"), ("sino": "2", "id":180, "name": "HelicalInsight"), ("sino": "2", "orgName": "HelicalInsight"), ("sino": "5", "id":116, "name": "Roll_USER", "organisation":1, "orgName": "HelicalInsight"), ("sino": "5", "id":116", "name": "Roll_USER", "organisation": sino" then will get response as below:	Cookies Code Status: 200 OK Time: 59 ms Stor: 740 B Cookies Code Status: 200 OK Time: 59 ms Stor: 740 B Cookies Code Status: 200 OK Time: 59 ms Stor: 740 B Cookies Code	
Possible Error	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) To Pretty Raw Preview HTML ¹ k ^{(rtotal":10} ,"roles": [("sinof":1","","","","","","","","","","","","","	Pre-request Soript Tests No Aush So Aush Sets Solution So	Cookies Code Status: 200 OK Time: 59 ms Size: 740 B C Q ""id":101,"name": "ROLE APUEN" "Pediciol", ("pino": "4","109,"name" glame": "testingorg")))	
Possible Error	Authorization Headers (1) Body Type Body Cookies (5) Headers (7) Te Pretty Raw Preview HTML 1 {{reader:11, organisation:12, ronganisation:12, organisation:22, 1 ff no record found te { "total": 0, "roles": []	Pre-request Soript Tests No Auth • ests • Image: "ROLE_USER", "organisation":1, "orgName": "Helicalinsight"), ("sino": "2", "iad", "name": "Helicalinsight"), ("sino": "2", "iad", "name": "Helicalinsight"), ("sino": "2", "orgName": "Helicalinsight"), ("sino": "5", "iad", "name": "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "name": "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "5", "iad", "iad", "name: "ROLE_USER", "organisation": si, "orgName": "Helicalinsight"), ("sino": "sino", "iad", "name: "ROLE_USER", "organisation": sino", "iad", "name: sino", "name: sino", "name: sino", "name: sino", "name: s	Cookies Code	
Possible Error	Authorization Headers (1) Body Type Body Cookles (5) Headers (7) Tr Pretty Raw Preview HTML	Pre-request Soript Tests No Auch ests ests If :102,, SolE_USER,"organisation":1,"orgName":"HelicalInsight"),("slno":"2 elicalInsight"),("slno":"5","id":116,"name":"ROLE_USER,"organisation":6,"org roopName":"Helical"),("slno":"5","id":115,"name":"ROLE_USER,"organisation":6,"org then will get response as below:	Cookies Code Status: 200 OK Time: 59 ms Size: 740 B C Q ""id":101, "name": "ROLE ADVID" ""weiliool", "Com": "A", "id":103, "name" glame": "testingorg"})))	

2.5.5 Search for particular role

URL	admin/roles?limit=5&searchPhrase=ROLE_USER&offset=0¤tPage=
	1&searchOn=name

Description	It allows to search role from the existing list of roles. Moreover,		
-	• Superadmin can search role for any organization in the list		
	 At organization level, organization admin can search any role 		
	belong to that respective organization.		
	For that you can apply the search criteria according to your requirement.		
	r or that you can appry the search enterna according to your requirement.		
	Note: Required parameters are described below in HTTP Request Kev-		
	Value section		
Pre-requisite	User should have logged in before accessing the service. Refer login		
-	module]		
	If the user is not	legged in then you will get legin nage	
Accessible for	ROLE ADMIN	logged in then you will get login page.	
HTTP Request	CFT POST		
Method			
Fyample	Access through	hrowser •	
Example	Access through	browser.	
	http://192.168.2	.156:8085/hi-	
	ee/admin/roles?	limit=5&searchPhrase=ROLE_USER&offset=0¤tPa	
	ge=1&searchOr	n=name	
	Access through	Curl command ·	
	Access unrough Curi command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&limit=5&searchPhrase=ROL		
	E_USER&offse	t=0¤tPage=1&searchOn=name"	
	http://192.168.2	.156:8085/hi-ee/admin/roles	
HTTP Request	НТТР	Description	
Kev	Request	•	
•	Value		
limit(optional)	5	Set the number of records	
searchPhrase	ROLE_USER	Search for a typed phrase from the list	
offset (optional)	0	Sets the starting record	
searchOn(optional)	name	Search list by user name	
currentPage	1	Number of the page	
ResponseOutput:	{"total":4,"roles	":[{"slno":"1","id":102,"name":"ROLE_USER","organisati	
(JSON format)	on":1,"orgName	e":"HelicalInsight"},{"slno":"2","id":104,"name":"ROLE_U	
	SER","organisa	tion":2,"orgName":"Helical"},{"slno":"3","id":116,"name":	
	"ROLE_USER"	","organisation":6,"orgName":"testingorg"},{"slno":"4","id":	
	2,"name":"ROL	E_USER","organisation":"","orgName":"Null"}]}	
Description of	The response re	turned as the total number of records with roles array having	
the Response	role details as se	erialNo roleID, role name and associated organisation id and	

Output:	its name etc.
	slno : Serial Number
	id : ID of the role
	name : Name of the role
	organisation: ID of the organisation.
	orgName: Name of organisation
	Displays the roles list as per the applied criteria
Service Status	200 OK
Screenshot	GET V http://192.168.2.156.8085/hi-ee/admin/roles?limit=5&searchPhrase=ROLE_USER&offset=0¤tPage=1&searchOn=n Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code
	Type No Auth 🗸
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 27 ms Size: 848 B
	Pretty Raw Preview HTML V =
	<pre>1 {{"total::4,"roles":[("slno":"1","id":102,"name": "ROLE_USER", "organisation":1,"orgName": "HelicalInsight"),("slno":"2","id":104,"name": "ROLE_USER", "organisation" i :2,"orgName": "Helical"),("slno":"3","id":116,"name": "ROLE_USER", "organisation":6,"orgName": "testingorg"),("slno":"4","id":2,"name": "ROLE_USER", , "organisation":"", "orgName": "NULL")))</pre>
Possible Errors:	If no record found then you will get response as:
	{
	"total": 0,
	"roles": []
	}
Post-action	We can modify / delete roles.

2.5.6 Delete role

URL	admin/roles
Description	It allows to remove role's from an organization.
	• Superadmin has authority to remove roles from any organization
	• At organization level, only organization admin can remove its
	respective roles for that organization.
	• Here to delete any role you need to pass the role ID which is
	assigned at time of role creation, so to get role id Refer
	GetRoleList
Pre-requisite	User should have logged in before accessing the service. [Refer login
	module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request	POST
Method	
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee/admin/roles

	Access through Cur	l command :		
	cull uala			
	$\frac{1}{(id)\cdot 118}$ " http://192	168 2 156:8085/hi-ee/admin/roles	lelele&lorniData=	
HTTP Request	HTTP Request	Description	,	
Key	Value	T. T		
action:	delete	Operation to delete role		
formData:	{"id":118}	JSON object containing user info	ormation	
		id : id of the role which you wan	t to delete.	
Response Output	{			
(JSON Format)	"status": 1,			
	"Response": {			
	"message": "Rol	e deleted successfully"		
	}			
	}			
Description of	The response of the A	API is, it returns the success status	value as 1 if it	
Respone Output :	fails returns 0 as the s	fails returns 0 as the status.		
	It returns response as	success message.		
	Role is permanently of	deleted from the database. If the ro	ble was assigned to	
	any user then it gets o	leallocated from that user.		
	Note : Current login u	user's role deletion will not happen	1.	
Service Status	200 OK			
Screenshot	POST V http://192.168.2.156:8085/hi-ee	/admin/roles	Params Send V Save V	
	Authorization Headers (1) Body • Pre-	request Script Tests	Cookies Code	
	form-data • x-www-form-urlencoded • ra	aw 🔘 binary		
	action:delete		Key-Value Edit	
	formData:{"id":118}			
	Body Cookies (5) Headers (7) Tests		Status: 200 OK Time: 57 ms Size: 372 B	
	Pretty Raw Preview HTML V	deleted successfully"}}	1 <u>0</u> Q	
	Garage is interesting in hore			

2.6 Scheduling

2.6.1 Schedule Report

URL	saveReport.html
-----	-----------------

Description	Any report efw/adhoc can be schedul Recipients. To schedule any report we need to pa mentioned in HTTP Request Key-Va Scheduling of report can be done on	le and get emailed to provided ass some parameter values which are lue section. daily,weekly,monthly,yearly basis.		
Pre-requisite	User should have logged in before ac	cessing the service. [Refer login module]		
	If the user is not logged in then you will	get login page.		
Accessible for	ROLE_USER, ROLE_ADMIN			
HTTP Request Method	POST			
Example	Access through browser :	Access through browser :		
	http://192.168.2.156:8085/hi-ee/saveReport.html			
	Access through Curl command :			
	curldata "j_username=hiadmin&j_password= eportDirectory=HelicalDemo&report 97&EmailSettings={'Formats':['pdf',' ech.com\']','Zip':false,'Subject': 'TestS \nWe are scheduling the HDI Demo Report.\n'}&ScheduleOptions={'Day ','RepeatBy':'dayOfTheMonth','Repeat 05','EndDate':'2017-10- 05','endsRadio':'After','timeZone':'As Format':'DD/MM/YYYY hh:mm A','ScheduledTime':'12:21:00','Sched e&reportParameters={'TERRITORY' me=TestScheduleReport" http://192. Note : Make sure that ScheduledTime the past datetime , otherwise you will	hiadmin&action=add&command=add&r tFile=demo.efw&location=15071194307 png','jpg'],'Recipients':'[\'sayali@helicalt cheduleReport','Body':'Hello Sayali,\n vsofWeek':['Thursday'],'Frequency':'Daily atsEvery':1,'StartDate':'2017-10- ia/Kolkata','EndAfterExecutions':'2','date uledEndTime':'12:16:00'}&isActive=tru ':['Japan'],'mode':'dashboard'}&reportNa 168.2.156:8085/hi-ee/saveReport.html -v e and ScheduledEndTime should not be get error message.		
HTTP Request Key	HTTP Request Value	Description		
command:	add	Command as add to schedule report		
reportDirectory:	HelicalDemo	Directory of the report which you want to schedule.		
reportFile:	demo.efw	The report file physical name		
location:	1507119430797	Physical Location		
EmailSettings:	{"Formats":["pdf","png","jpg"],"Re cipients":"[\"sayali@helicaltech.co	The JSON object holding the email details		

	m\"]","Zip":false,"Subject":"TestSc heduleReport","Body":"Hello Sayali,\n \nWe are scheduling the HDI Demo Report.\n"}		
ScheduleOptions:	{"DaysofWeek":["Thursday"],"Freq uency":"Daily","RepeatBy":"dayOf TheMonth","RepeatsEvery":1,"Start Date":"2017-10- 05","EndDate":"2017-10- 05","endsRadio":"After","timeZone ":"Asia/Kolkata","EndAfterExecutio ns":"2","dateFormat":"DD/MM/YY YY hh:mm A","ScheduledTime":"12:21:00","S cheduledEndTime":"12:16:00"}	The JSON object holding the scheduling information. Note : Make sure that ScheduledTime and ScheduledEndTime should not be the past datetime , otherwise you will get error message.	
isActive:	true	Schedule active status	
reportParameters:	{"TERRITORY":["Japan"],"mode": "dashboard"}	Report parameters that is being considered for schedule.(optional)	
reportName:	TestScheduleReport	Name of the report given at time of scheduling.(optional)	
Response Output: (JSON Format)	{ "status": 1, "Response": {"message": "Successful }	ly scheduled the report"}	
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as success message. The respective file is scheduled for email to the recipients provided by the user		
Service Status	200 OK		
Screenshot(succes s)	POST http://192.168.2.156:8085/hi-ee/saveReport.html Authorization Headers (1) Body Pre-request Script Tests Image: Script Script Tests Image: Script Scrip	Params Send Save Cookies Co Rey-Yalue Ed elicaltech.com\"]", "Zip":false, "Subject": "TestScheduleReport", "Body": "Hello sy": "dayOfTheMonth", "RepeatsEvery":1, "StartDate": "2017-10-05", "EndDate": "2017-10-05", "EndDate: "2017-10-05", "En	
	Pretty Raw Preview HTML V	<u>ات</u> ۵	
	<pre>1 {"status":1,"response":{"message":"Successfully scheduled the report"};</pre>	1	
Possible Error	While Scheduling if scheduled time a	and scheduled end time is past datetime	

	then you will get error. Note : Make sure that ScheduledTime and Sched the past datetime, otherwise you will get error m	uledEndTime should not be nessage.
Screenshot(Error)	POST http://192.168.2.156:8085/hi-ee/saveReport.html "commanue.aww reportDirectory:HelicalDemo reportDirectory:HelicalDemo reportBirectory:HelicalDemo reportBirectory:HelicalDemo reportPirectory:HelicalDemo	Params Send Save false, "Subject": "TestScheduleReport", "Body": "Hello atsEvery"11, "StartDate": "2017-10-05", "EndDate": "2017- %/YYYY hh:mm
	Pretty Raw Preview	ū
	Oops!	em administrator
	RETURN TO HOME	st date

2.6.2 Get Schedule job information

URL	getScheduleData.html
Description	The user can obtain the already scheduled job information from the existing scheduled report by passing it the jobID, you will get scheduled job id <u>Refer</u> <u>GetScheduleList</u>
Pre-requisite	User should have logged in before accessing the service.[Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request Method	POST
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee/getScheduleData.html
	Access through Curl command :
	curldata "j_username=hiadmin&j_password=hiadmin&id=1" http://192.168.2.156:8085/hi-ee/getScheduleData.html -v

HTTP Request Key	HTTP Request Value	Description	
id:	1	JOBId of the scheduled report	
Response Output (JSON Format)	JSON object containing the schedule report For Ex.		
	{"status":"1","response":{"@id": nesday"],"Frequency":"Daily","R ,"StartDate":"2017-09-20","EndD 20","endsRadio":"After","timeZo "dateFormat":"DD/MM/YYYY h A","ScheduledTime":"18:50:00", true","SchedulingJob":{"@type": ":{"Formats":["pdf","png","jpg"], ject":"Schedule","Body":"Hi"},"r 5686\\1463838054907","reportFi 8a8df4eb53bf.report"},"JobName stExecutedOn":{"date":20,"day": ":0,"time":1505913600005,"time: 330,"year":117},"LastExecutionS day":4,"hours":18,"minutes":50,"	"1", "ScheduleOptions": {"DaysofWeek": ["Wed epeatBy": "dayOfTheMonth", "RepeatsEvery": 1 Date": "2017-09- ne": "Asia/Kolkata", "EndAfterExecutions": "3", h:mm "ScheduledEndTime": "18:46:00" }, "isActive": " "report", "reportParameters": { }, "EmailSettings ,"Recipients": ["sayali@helicaltech.com"], "Sub eportDirectory": "1463377807724\\146398391 le": "d1560c88-be0d-4380-8225- e": "TestSchedule", "scheduleType": "report", "La 3, "hours": 18, "minutes": 50, "month": 8, "seconds zoneOffset":- Status": "000", "NextExecutionOn": {"date": 21, " month": 8, "seconds": 0, "time": 150600000000, 7 }, "NoOfExecutions": "1" } }	
Description of Response Output:	The response of the API is , it returns 0 as the status. It returns response as the schedule @id: Scheduled job id	urns the success status value as 1 if it fails ed report details for requested JobID.	
	ScheduleOptions:		
	Frequency: Schedule can be done in Daily/Weekly/Monthly/Yearly		
	RepeatBy/On: Days of week, Day of th	e month, day of the week	
	RepeatsEvery: Schedule can be repeat after given iterations ex: 2 days, Every 2 days schedule will repeat.		
	StartDate: Start date of the scheduler		
	EndDate : End date of the scheduler		
	endsRadio :Never/ After no.of iteration	s/ End date of the scheduler	
	timeZone : Can select different time-zo	nes	
	ScheduledTime : Start time of the scheduledTime	duler	
	ScheduledEndTime: End time of the sc	cheduler	
	isActive: provide working status of the	scheduler	

	SchedulingJob : @1	ype	on scheduled senest		
	report Parameters :	It will snow selected parameters	on scheduled report		
	EmanSetungs:	www.ent.form.oto.of.och.edulad.eou			
	Formals: mail attack	ment formats of scheduled repo	rl		
	Subjects con monid	ress			
	Body: can provide I	e Subject of the scheduler			
	Douy .can provide i	Sody of the scheduler			
	reportDirectory: It	provide the information where re	eport is located.		
	LebNerrer Name of	the schedular ich user con provi	do at the time of coving		
	sobodulaType: type	of report is scheduled	ide at the time of saving	5	
	L ostEvocutodOn: g	ives last execution data and time	of the scheduler		
	LastExecutionState	ives last execution date and time	of the scheduler		
	NextExecutionOn:	ives next execution date and tim	a of the scheduler		
	TrextExecutionOn.g		le of the scheduler		
Service Status	200 OK				
Screenshot(Succ	POST V http://192.168.2.1	56:8085/hi-ee/getScheduleData.html	Paran	ns Send 💙 Save 🗡	
ess)	Кеу	Value	Description	••• Bulk Edit	
	New key				
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code				
	form-data • x-www-form-urlene	oded 🔍 raw 🔍 binary			
	Кеу	Value	Description	••• Bulk Edit	
	id id	1			
	New key				
	Body Cookies (5) Headers (8) Tests Status: 200 OK Time: 19 ms Size: 14 KB				
	Pretty Raw Preview			ū	
	("status", 11", "response", ("@df"," ["Thursday"], "Frequency", "Daily" 05", "endsRadio", "After", "timeZor A", "ScheduledTime", "12:21:00"," ["Japan"], "mode", "dashoard"), "T ["sayali@helicaltech.com"], "Subj Report, "D," reportDirectory", "He ("date":5,"day", 4,"hours", 12, "min ("date":6,"day", 5,"hours", 12, "min	11""ScheduleOptions", {"DaysofWeek": ,"RepeatBy": "dayOfTheMonth", "RepeatsEvery": 1, "StartD e" "Asia Kolkata", "EndAfterExecutions": "2", "dateFormat ScheduledEndTime", "12:16:00", "isActive", "ture", "Sched milSettings", {"Formats"; "[pdf", "png", "prg],"Recipients sct: "L'estScheduleReport", "Body", "Hello Sayali, in inVe a licalDemo", "reportFile", "demo. efw", ", "JobName", "TestSch etw", "Lession, "testScheduleReport, "Body", "LobName", "TestSch etw", "Lession, "reportFile", "demo. efw", ", "JobName", "TestSch etw", "L, "month", 9, "seconds", 0, "time", 1507186260004, "ti etw", "21, "month", 9, "seconds", 0, "time", 1507272660000, "ti	ate":"2017-10-05"."EndDate":"2017-10- ":"DD/MM/YYYY hh.mm ulingJob": {("@type"."efw", "reportParame 	sters": {"TERRITORY": stExecutedOn": ecutionStatus": "000", "NextExecutic xecutions": "1"}}	
Possible Error	If the JobID does schedule.xml"	not exists , you will get an	error message as "I	d not found in	
ScreenShot(Erro	POST > http://192.168.2.1	i6:8085/hi-ee/getScheduleData.html	Param	is Send 😵 Save 🗠	
r)	Key	Value	Description	••• Bulk Edit	
	New key	Value			
	Authorization Headers (1) Boo	y Pre-request Script Tests		Cookies Code	
	form-data * x-www-form-urlence	oded 🔍 raw 🤍 binary			
	Key	Value	Description	••• Bulk Edit	
	id Name Kees	.200			
	Body Cookier (5) Header (7)	Teste	Stat	tus: 200 OK Time: 45 ms Size: 375 B	
	countes (2) meaders (7)	And the second s	UM		
	Pretty Raw Preview			LŪ.	
	{"status":1, "response": {"message"	"Id not found in schedule.xml"}}			

2.6.3 Pause All Scheduled job

URL	services.html		
Description	It allows super admin to pause all the running scheduled jobs.		
	All running scheduled jobs get paused.		
Pre-requisite	User should have logged in before acce	essing the service. [Refer login	
	module]		
	If the user is not logged in then you will go	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services.html		
	A agong through Curl command a		
	Access through Curl command :		
	curl data		
	"i username=hiadmin&i password=hiadmin&type=monitor&serviceType=		
	scheduling&service=schedule&formData={'action':'pauseAll'}"		
	http://192.168.2.156:8085/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
service l'ype:	scheduling	service lype as scheduling	
service:	schedule	Service name as schedule	
formData:	{ action : pauseAll }	Action to pause all scheduled jobs	
Response	{ "status":1		
(ISON format)	status .1,	cessfully")	
(JSON IOI mat)	i response . { message . i auseu an suc	cessiony }	
	1		
Description of	The response of the API is, it returns t	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:	It returns response as the success mess	age.	
Service Status	200 OK		

	Key	Value	Description	••• Bulk Edit
	New key			
	Authorization Headers (1) Body •	Authorization Headers (1) Body Pre-request Script Tests Cookies Code		
	form-data ×-www-form-urlencoded	🖲 raw 🔍 binary		
				Key-Value Edit
	Service:Schedule formData:{"action":"pauseAll"}			
	Body Cookies (5) Headers (7) Te	sts	Status: 200 O	K Time: 604 ms Size: 370 B
	Design Design Design design			Ē
	Pretty Raw Preview			

2.6.4 Resume All Scheduled job

URL	services.html				
Description	It allows super admin to resume all the paused scheduled jobs.				
-	All paused scheduled jobs get resumed.				
Pre-requisite	User should have logged in before accessing the service. [Refer login				
	module]				
	n the user is not logged in then you will get login page.				
Accessible for	ROLE_ADMIN				
HTTP Request	POST				
Method					
Example	Access through browser :				
	http://192.168.2.156:8085/hi-ee/services.html				
	Access through Curl command :				
	Curi data				
	j_username=niadmin&j_password=hiadmin&type=monitor&serviceType=				
	scneduling&service=scnedule&formData={ action : resumeAll }"				
	nttp://192.168.2.156:8085/h1-ee/services.html -v				
HTTP Request	HTTP Request Value	Description			
Key					
type:	monitor	Type of the Operation			
serviceType:	scheduling	serviceType as scheduling			
service:	schedule	Service name as schedule			
formData:	{"action":"resumeAll"}	Action to resume all scheduled jobs			

Response Output (JSON format)	{ "status":1, "response":{"message":"Resumed all successfully"} }				
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message. All paused scheduled jobs get resumed. Note : After the resumeAll job, scheduled job list automatically get refreshed.				
Service Status	200 OK				
Screenshot	POST ✓ http://192.168 Key New key Authorization Headers (1) ● form-data * x-www-form-ur type:monitor serviceType:scheduling serviceType:scheduling formData: {"action": "resumeAl] Body Cookies (5) Headers	2.156:8085/hi-ee/services.html Value Value Body • Pre-request Script Tests	Description Description	Params Send V Save V Bulk Edit Cookles Code Key-Value Edit	
	Pretty Raw Preview {"status":1, "response": {"messa	ge":"Resumed all successfully"}}		ū	

2.6.5 Start Scheduler
URL	services.html		
Description	It allows super admin to start the scheduler.		
Pre-requisite	User should have logged in before accessing the service. Refer login		
_	module]		
	If the user is not legged in then you will ge	at login page	
Accessible for		et login page.	
IITTD Dequest			
Method	1051		
Example	Access through browser :		
Limple	recess through provider .		
	http://192.168.2.156:8085/hi-ee/service	es.html	
	Access through Curl command :		
	curldata		
	j_username=madmin&j_password=m	admin&type=monitor&service1ype=	
	scneduling&service=scnedule&formData={'action':'start'}" http://102.168.2.156:8085/hi.ee/services.html_v		
	http://192.100.2.190.0005/11/00/501/100		
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
serviceType:	scheduling	serviceType as scheduling	
service:	schedule	Service name as schedule	
formData:	{"action":"start"}	Action to start the scheduler.	
Response			
Output (ISON 6	"status":1,		
(JSON format)	response :{ message : Started succes	stully }	
	}		
Description of	The response of the API is, it returns t	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:	It returns response as the success messa	age.	
	Scheduler get started.		
	Note · After the scheduler get started so	cheduled ich list automatically get	
	refreshed	cheatied job list automatically get	
Service Status	200 OK		

	Key	Value	Description	•••• Bulk Edit
	New key Value Description			
	Authorization Headers (1) Body Pre-reques	t Script Tests		Cookles Code
	form-data form-data vwww-form-urlencoded raw binary			
				Key-Value Edit
	type:monitor service:ype:scheduling service:schedule formData:{"action":"start"}			
	Body Cookies (5) Headers (7) Tests		Status: 200 O	K Time: 36 ms Size: 367 B
	Pretty Raw Preview			Ē
	{"status":1,"response":{"message":"Started successf	ully"}}		

2.6.6 Stop/Shutdown Scheduler

URL	services.html		
Description	It allows super admin to stop/shutdown th	ne scheduler.	
Pre-requisite	User should have logged in before acce	essing the service. [Refer login	
	module]		
	If the user is not logged in then you will ge	at login page	
Accessible for			
IITTD Dogwood	BOST		
HIIP Request	POST		
Example	Access through browser :		
Lampie	Access unbugn browser.		
	http://192.168.2.156:8085/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType=		
	scheduling&service=schedule&formData={'action':'shutdown'}"		
	http://192.168.2.156:8085/hi-ee/service	es.html -v	
UTTD Dequest	UTTD Dequest Value	Description	
Kev	mm Request value	Description	
type:	monitor	Type of the Operation	
serviceType:	scheduling	serviceType as scheduling	
service:	schedule	Service name as schedule	
formData:	{"action":"shutdown"}	Action to stop the scheduler.	

Response Output (JSON format)	{ "status":1, "response":{"mess option true to shut }	age":"Scheduler is cur down completely"}	rently in standby mode	e. Set force
Description of Response	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status.			
Output:	It returns response	as the success messag	e.	
	Scheduler get stop Note : After the sc refreshed.	ped. heduler get started sch	eduled job list automat	tically get
Service Status	200 OK			
Screenshot	POST V http://192.168.2.156:808	35/hi-ee/services.html	Params	Send Y Save Y
	Key	Value	Description	••• Bulk Edit
	New key			
	Authorization Headers (1) Body	Pre-request Script Tests		Cookies Code
	form-data * x-www-form-urlencoded	• raw • binary		1 804 6050 8260
	type:monitor serviceType:scheduling serviceSchedule formData:{"action":"shutdown"} Body Cockies (5) Headers (7)	Tests	Status: 200 DM	Key value con.
	Pretty Raw Preview			Ē
	{"status":1,"response":{"message":"Sch	aeduler is currently in standby mode. Set force optio	n true to shutdown completely"}}	

2.6.7 Pause the scheduled job

URL	services.html		
Description	It allows super admin to pause the selected running scheduled job. To pause the particular job we need the job id so to get the jobId of scheduled		
	report <u>Refer GetScheduledList</u>		
Pre-requisite	User should have logged in before accessing the service. Refer login		
	module		
	If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192_168_2_156:8085/hi-ee/service	es html	
	Access through Curl command :		
	ourl doto		
	"i username-hiadmin&i nassword-hi	admin&type=monitor&serviceType=	
	j_username=niadmin&j_password=niadmin&type=monitor&service1ype= scheduling&service=schedule&formData={'action'/pauso'/iobId'/1'}"		
	http://192.168.2.156.8085/bi-ee/services.html_v		
	http://172.100.2.150.0005/m/00/501/1005.html=/		
HTTP Request	HTTP Request Value	Description	
Key			
type:	monitor	Type of the Operation	
serviceType:	scheduling	serviceType as scheduling	
service:	schedule	Service name as schedule	
formData:	{"action":"pause","jobId":"1"}	Action to pause the provided	
		scheduled job id.	
Response	{ 		
Output	"status":1,		
(JSON format)			
	"response":{"message":"The job pause	ed successfully"}	
	"response":{"message":"The job pause }	ed successfully"}	
	"response":{"message":"The job pause }	ed successfully"}	
Description of	"response":{"message":"The job pause } The response of the API is , it returns t	ed successfully"}	
Description of Response	<pre>"response":{"message":"The job pause } The response of the API is , it returns t returns 0 as the status.</pre>	ed successfully"}	
Description of Response Output:	<pre>"response":{"message":"The job pause } The response of the API is , it returns t returns 0 as the status. It returns response as the success mess</pre>	ed successfully"} the success status value as 1 if it fails age.	
Description of Response Output:	<pre>"response":{"message":"The job pause } The response of the API is , it returns t returns 0 as the status. It returns response as the success mess Selected scheduled job get paused.</pre>	ed successfully"} the success status value as 1 if it fails age.	
Description of Response Output:	<pre>"response":{"message":"The job pause } The response of the API is , it returns t returns 0 as the status. It returns response as the success mess Selected scheduled job get paused.</pre>	ed successfully"}	
Description of Response Output:	<pre>"response":{"message":"The job pause } The response of the API is , it returns t returns 0 as the status. It returns response as the success mess Selected scheduled job get paused. Note : After the paused scheduled job ,</pre>	ed successfully"} The success status value as 1 if it fails age. , scheduled job list get refreshed.	

	Кеу	Value	Description	••• Bulk Edit	
	New key	New key Value Description			
	Authorization Headers (1) Body •	Authorization Headers (1) Body • Pre-request Script Tests Cookies C			
	o form-data • x-www-form-urlencoded	🕼 form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍 binary			
				Key-Value Edit	
	type:monitor serviceType:scheduling service:schedule formData:{"action":"pause","jobId":"1	"}			
		arre	Status: 200	OK Time: 16 ms Size: 375 B	
	Body Cookies (5) Headers (7) T			010 1110. 10 110 0LC. 010 D	

2.6.8 Resume the scheduled job

·			
URL	services.html		
Description	It super allows admin to resume the select	ted scheduled job.	
-	To resume the particular job we need the	job id so to get the jobId of scheduled	
	report <u>Refer GetScheduledList</u>		
Pre-requisite	User should have logged in before acce	essing the service. [Refer login	
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"i username-hiadmin&i nassword-hiadmin&tyne-monitor&serviceTyne-		
	scheduling & service - schedule & form Data - ('schion', 'rasuma', 'schid', '1') "		
	scneduling&service=scnedule&formData={action:resume,jobId:1}		
	http://192.108.2.130.8085/m-ee/service	25.11t1111 - V	
HTTP Request	HTTP Request Value	Description	
Key		•	
type:	monitor	Type of the Operation	
serviceType:	scheduling	serviceType as scheduling	
service:	schedule	Service name as schedule	
formData:	{"action":"resume","jobId":"1"}	Action to resume the provided	
		scheduled job id.	

{ "status":1 ,"response":{" }	'message":"The job resum	ed successfully"}	
The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message. Selected scheduled job get resumed. Note : After the resumed scheduled job , scheduled job list get refreshed.			
200 OK			
POST http://192.10 Key New Key Authorization Headers (1)	68.2.156:8085/hi-ee/services.html Value Value Body • Pre-request Script Tests -urlencoded • raw • *, "jobId": "1"} ers (7) Tests ssage": "The job resumed successfully"}}	Params Description Description Status: 2	Send V Save V •••• Bulk Edit Cookies Code Key-Value Edit 00 OK Time: 56 ms Size: 375 B
	{ "status":1 , "response":{' } The response ":{' } The response returns 0 as th It returns resp Selected scheo Note : After th 200 OK Post ~ http://192.1 Key New key Authoritation Headers (1) form-data * xwww-form type:monitor service:schedul formData:("action":"resume Body Cookles (5) Head Pretty Baw Preview ("status":1,"response":("me	<pre>{ "status":1 , "response":{ "message":"The job resum } The response of the API is , it returns th returns 0 as the status. It returns response as the success messag Selected scheduled job get resumed. Note : After the resumed scheduled job 200 OK POST < http://192.168.2.156.8085/hi-ee/services.html Key Value Authoritation Headers (1) Body Pre-request Script Tests form-data * wwwwform-urlencoded @ raw @ binary type:monitor serviceType:scheduling services.tedule formBata:("action":"resume","jobId":"1") Body Cookles (5) Headers (7) Tests Prety Raw Preview ("status":1,"response":("message":"The job resumed successfully"}) </pre>	<pre>{ "status":1 ,"response":{"message":"The job resumed successfully"} } The response of the API is , it returns the success status value returns 0 as the status. It returns response as the success message. Selected scheduled job get resumed. Note : After the resumed scheduled job , scheduled job list get 200 OK Post</pre>

2.6.9 Execute the scheduled job

URL	services.html			
Description	It allows super admin to execute the selected scheduled job.			
	To execute the particular job we need the	he job id so to get the jobId of scheduled		
Dro roquisito	report <u>Refer GetScheduledList</u>	pageing the service Pafer login		
r re-requisite	modulal	modulal		
	module			
	If the user is not logged in then you will	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN			
HTTP Request	POST			
Method				
Example	Access through browser :			
	http://192.168.2.156:8085/hi-ee/servi	ices.html		
	Access through Curl command :			
	curldata			
	"j username=hiadmin&j password=	hiadmin&type=monitor&serviceType=		
	scheduling&service=schedule&formData={'action':'execute'.'iobId':'1'}"			
	http://192.168.2.156:8085/hi-ee/servi	ices.html -v		
HTTP Request	HTTP Request Value	Description		
Key	monitor	Type of the Operation		
serviceType:	scheduling	serviceType as scheduling		
service.	schedule	Service name as schedule		
formData:	{"action":"execute"."iobId":"1"}	Action to execute the provided		
101112 0000		scheduled job id.		
Response	{			
Output	"status":1			
(JSON format)	,"response":{"message":"The job trig	gered successfully" }		
	}			
Description of	The response of the API is, it returns	s the success status value as 1 if it fails		
Response	returns 0 as the status.			
Output:	It returns response as the success mes	ssage.		
	Selected scheduled job get executed.			
	Note : After the execution of schedul	ed job, scheduled job list get		
	retreshed.			

20100112100	Key	Value	Description •••• Bulk Edit
	New key		
	Authorization Headers (1) Body Pre-request Scri	pt Tests	Cookies Code
	● form-data ● x-www-form-urlencoded ● raw ● binary		
			Key-Value Edit
	type:monitor service?scheduling service:schedule formData:{"action":"execute","jobId":"1"}		
	Body Cookies (5) Headers (7) Tests		Status: 200 OK Time: 40 ms Size: 377 B
	Pretty Raw Preview		6
	{"status":1,"response":{"message":"The job triggered su	ccessfully"}}	

2.6.10 Delete the scheduled job

URL	services.html		
Description	It allows super admin to delete the selecte	ed scheduled job.	
_	To delete the particular job we need the jo	bb id so to get the jobId of scheduled	
	report Refer GetScheduledList		
Pre-requisite	User should have logged in before acce	essing the service. [Refer login	
	module]		
	Makes and the second testing of the second		
	If the user is not logged in then you will ge	it login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType=		
	scheduling&service=schedule&formDa	ata={'action':'delete','jobld':'1'}"	
	http://192.168.2.156:8085/hi-ee/service	es.html -v	
HTTP Request	HTTP Request Value	Description	
Key	•	•	
type:	monitor	Type of the Operation	
serviceType:	scheduling	serviceType as scheduling	
service:	schedule	Service name as schedule	
formData:	{"action":"delete","jobId":"1"}	Action to delete the provided	
		scheduled job id.	

Response Output (JSON format)	{ "status":1, "response":{"mes }	ssage":"The job deleted	l from memory success	fully"}
Description of	The response of t	he API is, it returns the	e success status value a	as 1 if it fails
Response	returns 0 as the st	tatus.		
Output:	It returns response	e as the success messag	ge.	
	Selected schedule Note : After the c	ed job get deleted. leletion of scheduled jo	b , scheduled job list g	et refreshed.
Service Status	200 OK			
Screenshot	POST V http://192.168.2.156:	8085/hi-ee/services.html	Params	Send 🗡 Save 🗡
	Key	Value	Description	••• Bulk Edit
	New key			
	Authorization Headers (1) Body	Pre-request Script Tests		Cookies Code
	form-data * x-www-form-urlencod	ed 🔍 raw 🔍 binary		
	type:aonitor serviceType:cheduling service:schedule formData:{"action":"delete","jobId	":"1"} Tests	Status: 200 OI	K Time: 56 ms Size: 307 B
	Pretty Raw Preview			ū
	{"status":1,"response":{"message":"	The job deleted from memory successfully"}}		

2.6.11 Get scheduled job List

services.html		
It allows super admin to get all the scheduled jobs information		
User should have logged in before accessing the service.[Refer login module]		
ROLE ADMIN		
POST		
Access through browser :		
http://192.168.2.156:8085/hi-ee/service	es.html	
Access through Curl command :		
curldata "j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType= scheduling&service=schedule&formData={'action':'list'}" http://192.168.2.156:8085/hi-ee/services.html -v		
HTTP Request Value	Description	
monitor	Type of the Operation	
scheduling	serviceType as scheduling	
schedule	Service name as schedule	
{"action":"list"}	Action to get all scheduled jobs	
{"status":1 "response":{"scheduledList	".[{"slno"·1 "iobId"·"1" "inMemory	
Status": true, "triggerState": "PAUSED".	"nextFireTime":1507272660000."sta	
rtDate":"2017-10-	lext le 1111e 1150/2/2000000, sta	
rtDate":"2017-10- 05", "endTime":"never", "finalFireTime":"", "scheduledSaveReportName":"T estScheduleReport", "reportPath": "HelicalDemo/demo.efw", "emailRecipient s":["sayali@helicaltech.com"], "emailSubject": "TestScheduleReport", "email Body": "Hello Sayali,\n \nWe are scheduling the HDI Demo Report.\n", "reportDirectory": "HelicalDemo", "reportFile": "demo.efw", "type ": "efw", "frequency": "Daily", "daysofWeek": ["Thursday"], "endDate": "2017- 10- 05", "scheduledTime": "12:21:00", "lastExecutedOn": "1507186260004", "rep ortParameters": {"TERRITORY": ["Japan"], "mode": "dashboard" } , {"slno": 2," jobId": "2", "inMemoryStatus": true, "triggerState": "PAUSED", "nextFireTi me": 1507273560000, "startDate": "2017-10- 05", "endTime": "never", "finalFireTime": "", "scheduledSaveReportName": "T estScheduleReport", "reportPath": "HelicalDemo/demo.efw", "emailRecipient s": ["sayali@helicaltech.com"], "emailSubject": "TestScheduleReport", "email Body": "Hello Sayali,\n \nWe are scheduling the HDI Demo Report.\n", "reportDirectory": "HelicalDemo/demo.efw", "emailRecipient s": ["sayali@helicaltech.com"], "emailSubject": "TestScheduleReport", "email Body": "Hello Sayali,\n \nWe are scheduling the HDI Demo		
<pre>":"efw","frequency":"Daily","daysofW 10-</pre>	eek":["Thursday"],"endDate":"2017-	
	services.html It allows super admin to get all the schedu User should have logged in before acce module] If the user is not logged in then you will ge ROLE_ADMIN POST Access through browser : http://192.168.2.156:8085/hi-ee/service Access through Curl command : curldata "j_username=hiadmin&j_password=hi scheduling&service=schedule&formDa http://192.168.2.156:8085/hi-ee/service HTTP Request Value monitor scheduling schedule {"action":"list"} {"status":1,"response":{"scheduledList Status":true, "triggerState":"PAUSED", rtDate":"2017-10- 05", "endTime": "never", "finalFireTime estScheduleReport", "reportPath":"Heli s":["sayali@helicaltech.com"],"emailS Body":"Hello Sayali,\n \nWe are sched Report.\n","reportDirectory":"HelicalD ":"efw","frequency":"Daily","daysofW 10- 05", "endTime": "never", "finalFireTime estScheduleReport", "reportPath":"Helis Sody":"Hello Sayali,\n \nWe are sched Report.\n","reportDirectory":"HelicalD ":"efw","frequency":"Daily","daysofW 10- 05", "endTime": "never", "finalFireTime estScheduleReport", "reportPath":"Helis Sody":"Hello Sayali,\n \nWe are sched Report.\n","reportDirectory":"HelicalD ":"efw","frequency":"Daily","daysofW 10- 05", "endTime": "never", "finalFireTime estScheduleReport", "reportPath":"Helis S':["sayali@helicaltech.com"],"emailS Body":"Hello Sayali,\n \nWe are sched Report.\n","reportDirectory":"HelicalD ":"efw","frequency":"Daily","daysofW 10- 05","endTime": "never","finalFireTime estScheduleReport","reportPath":"Heli s":["sayali@helicaltech.com"],"emailS Body":"Hello Sayali,\n \nWe are sched Report.\n","reportDirectory":"HelicalD ":"efw","frequency":"Daily","daysofW 10- 05","endTime": "never","finalFireTime estScheduleReport","reportPath":"Heli s":["sayali@helicaltech.com"],"emailS Body":"Hello Sayali,\n \nWe are sched Report.\n","reportDirectory":"HelicalD ":"efw","frequency":"Daily","daysofW 10-	

	05", "scheduledTime": "12:36:00", "lastExecutedOn": "1507187160002", "rep ortParameters": { "TERRITORY": ["Japan"], "mode": "dashboard" } }] }			
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the all scheduled job information.			
Service Status	200 OK			
Screenshot	POST > http://192.168.2.156	8085/hi-ee/services.html	Params	Send Y Save Y
	Key	Value	Description	···· Bulk Edit
	New key			
	Authorization Headers (1) Body	Pre-request Script Tests		Cookies Code
	form-data • x-www-form-urlencod	led 🔍 raw 🔍 binary		
				Key-Value Edit
	type:monitor servicerype:scheduling service:schedule formoata:{"action":"list"}			
	Body Cookies (5) Headers (7)	Tests	Status: 2	200 OK Time: 64 ms Size: 1.63 KB
	Pretty Raw Preview			Ē
	{"status":1, "response"; {"scheduledL 05", "endTime": "never", "finalFireTim ["sayali@helicaltech.com"], "emailSu	ist": [{"slno": 1."jobId": "1", "inMemoryStatus" true "trij ne": "", "scheduledSaveReportName": "TestScheduleRep ubject "."TestScheduleReport", "emailBody": "Hello Say	ggerState":"PAUSED", "nextFireTime":150727 port", "reportPath":"HelicalDemo/demo.efw", "e rali, 'n 'nWe are scheduling the HDI Demo	2660000, "startDate": "2017-10- mailRecipients":

2.7 About Page

URL	getProductInformation.html	
Description	This page includes information about product such as product type,	
	product name, expiry date, license type, build and version	
Pre-requisite	User should have logged in before accessing the service. [Refer login	
	module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	GET, POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/getProductInformation.html	
	Access through Curl command :	
	curl http://192.168.2.156:8085/hi-ee/getProductInformation.html	
	-V	
Response	{	
Output(JSON	"Product Type": "Business Intelligence Framework",	
Format)	"Version": "2.0.0.7331 RC1",	
	"Build": "R20170410_7331 RC1",	

	"Product Name": "Helical Insight", "Expiration": "31/01/2018".		
	"License Type": "Trial"		
a	}		
Service Status	200 OK		
Screenshot	GET V http://192.168.2.156:8085/hi-ee/getProductInformation.html	Params Send Y Save Y	
	Authorization Headers Body Pre-request Script. Tests	Cookies Code	
	Type No Auth 🗸		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 36 ms Size: 504 B	
	Pretty Raw Preview	le la	
	("Product Type": "Business Intelligence Framework", "Version": "2.0.0.7331 RC1", "Build Insight", "Expiration": "31/01/2018", "License Type": "Trial"}	d","R20170410_7331 RC1","Product Name":"Helical	

2.8 Management

2.8.1 Middleware

2.8.1.1 Get the drill configuration from backend

URL	services.html		
Description	User will get the drill configuration from backend which is saved in drillconfig.xml		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dat aSource&service=drillConfig&formData={}" http://192.168.2.156:8081/hi- ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key		Terra of the Orientian	
type:		Type of the Operation	
service I ype:		service Type as dataSource	
service:	drillConfig	Service name as drillConfig	
formData:		Action to get drill config info	
(JSON format)	<pre>[] 'Iterior is get and comparison of the provided and compared to the set of the se</pre>		
	{"endpoint":"/query.json", "actions":"select", "method":"POST", "output": "application/json" }, "storage": {"endpoint": "/storage.json", "actions": "create, edit, delete", "method": "GET, POS		

	T", "output": "application/json" }, "threads": {"endpoint": "/thread.json", "actions": "read", "met hod": "GET, POST", "output": "application/json" }, "options": {"endpoint": "/option.json", "acti ons": "read", "method": "GET", "output": "application/json" } }, "urlConfig": {"host": "192.168.2 .156", "port": "8047", "dbPort": "31010", "extraParam": [], "securityEnabled": "true", "securityM ode": "plain", "securityCheckType": "/j_security_check", "username": "helical", "password": "h elical", "httpsState": "false", "https": "http", "distributedMode": "false", "zookeeperPort": "2181 "}, "drillStorageLocation": [{"@path": "/home/helical/testdrill" }]}} 505", "scheduledTime": "1 2:36:00", "lastExecutedOn": 1507187160002", "reportParameters": {"TERRITORY": ["Japa n"] "mode": "dashboard" }}	
Description of	The response of the API is, it returns the success status value as 1 if it fails	
Response	returns 0 as the status.	
Output:		
Service Status	200 OK	
Screenshot	* Get drill configuration from backend	Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Code
	● form-data ● x-www-form-urlencoded ● raw ● binary	
		Key-Value Edit
	type: core <u>service:grilConfig</u> <u>formOata:</u> ()	
	Body Cookies (9) Headers (4) Test Results	Status: 200 OK Time: 70 ms
	Pretty Raw Preview JSON V	🖸 Q Save Response
	<pre>1* t 2 "status": 1, 3 "response": { 4</pre>	

2.8.1.2 Enable Middleware

URL	services.html		
Description	User can enable middleware settings in management page.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/service	es.html	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dat aSource&service=drillConfig&formData={"enabled":true}" http://192.168.2.156:8081/hi-ee/services.html -v		
HTTP Request Key	HTTP Request Value	Description	
type:	core	Type of the Operation	
serviceType:	dataSource	serviceType as dataSource	
service:	drillConfig	Service name as drillConfig	
formData:	{"enabled":true}	Action to enable drill config	
Response Output (JSON format)	{"enabled":true} Action to enable drill config {"status":1,"response":{"drill":{"@managerClass":"com.helicalinsight.drill.DrilM anager","enabled":"true","storageImpl":'standalone","enabledTypes":{"@mandato ry":"true","csv":{"@fileUpload":"true","config":{"@delimiter":",","@extensions": ".csv","@extractHeader":"true","@type":"text"}},"json":{"@fileUpload":"true","config":{"@extensions": json","@type":"json"},"parquet":{"@fileUpload":"true","config":{"@extensions":: json","@type":"json"},"parquet":{"@fileUpload":"true","config":{"@type"::"parquet"}},"tsv":{"@fileUpload":"true","config":{"@type"::"ext"}},"sextractHeader ".csv,csvh,tsv,psv","fileSystemConfiguration":{"hdfs":{"description":" Use the hdfs storage to upload your flat files into hadoop ecosystem. \n\t\t\tHadoop should be up and running. Hdfs Host is ip address of the name node server. Hdfs port is the datanode port. The Data Warehouse path will be created in hadoop datanode. The path should have read and write access.", "host":[], "port":"54310"}, "sftp":{"description":" Use SFTP When the drill/middleware is installed in the Windows machine, please use linux sytle path in Datawarehouse path. Example /C:/Users/Helical/your/path/to/datawarehouse", "host":[], "password":[], "port":"22", "username":[]}, "standalone":{"description":" Use standalone when middleware and helical insight are in the same machine. The dataware house path will be created inside the System Directory of		

Description of	location", "subDescription":[]}}, "url":"{{https}}:/{{host}}:{{port}}", "endPointsD etails":{"@endPointManager":"com.helicalinsight.adhoc.services.DrillEndPointM anager", "query":{"endpoint":"/query.json", "actions":"select", "method":"POST", "o utput":"application/json"}, "storage":{"endpoint":"/storage.json", "actions":"create, e dit,delete", "method":"GET,POST", "output":"a* Connection #0 to host 192.168.2.156 left intact pplication/json"}, "threads":{"endpoint":"/thread.json", "actions":"read", "method":" GET,POST", "output":"application/json"}, "options":{"endpoint":"/option.json", "act ions":"read", "method":"GET", "output":"application/json"}, "urlConfig":{"host":" 192.168.2.156", "port":"8047", "dbPort":"31010", "extraParam":[], "securityEnabled" :"true", "securityMode":"plain", "securityCheckType":"/j_security_check", "usernam e":"helical", "password": "helical", "httpsState":"false", "https::"http", "distributedMo de":"false", "zookeeperPort":"2181"}, "drillStorageLocation":[{"@path":"/home/hel ical/testdrill"}]}}		
Response	returns () as the status		
Output:			
Service Status	200 OK		
Screenshot			Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services	Params Send	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	form-data form-data x-www-form-urlencoded raw binary		
	Key-Value Edit		
	<pre>kype:core serviceType:dataSource serviceType:dataSource formData:("enabled":true) Body Cookles (9) Headers (4) Test Results</pre>	Status: 20	0 OK Time: 71 ms
		E O	
	Figure Figure<	ue","storageImpl":"standa	lone", "enabledTyp

2.8.1.3 Disable Middleware

URL	services.html		
Description	User can disable middleware settings in management page.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
Accessible for	ROLE ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dat aSource&service=drillConfig&formData={"enabled":false}" http://192.168.2.156:8081/hi-ee/services.html -v		
HTTP Request Key	HTTP Request Value	Description	
type:	core	Type of the Operation	
serviceType:	dataSource	serviceType as dataSource	
service:	drillConfig	Service name as drillConfig	
formData:	{"enabled":false}	Action to disable drill config	
Response Output (JSON format)	{ enabled .naise} Action to disable drift coming { "status":1,"response":{"drill":{"@managerClass"::com.helicalinsight.drill.DrilManager"," enabled"::false", "storageImpl"::"standalone", "enabledTypes":{"@mandatory":"true", "csv": { "@fileUpload":"true", "config":{"@cheimiter":",","@extensions"::".csv", "@extractHeader" :"true", "@type":"text"}, "json":{"@fileUpload":"true", "config":{"@extensions"::".son"," @type":"json"}, "parquet":{"@fileUpload":"true", "config":{"@type":"parquet"},"pcap": { "@fileUpload":"true", "config":{"@type":"pcap"},"true", "config": "@delimiter":" ","@extensions":".tsv", "@extractHeader":"true", "@type":"text"}},"extractHeaders":"csv, csvh,tsv,psv", "fileSystemConfiguration":{ "hdfs":{"description":" Use the hdfs storage to upload your flat files into hadoop ecosystem. \n\t\t\tHadoop should be up and running. Hdfs Host is ip address of the name node server. Hdfs port is the datanode port. The Data Warehouse path will be created in hadoop datanode. The path should have read and write access.", "host":[],"port":"54310"},"sftp":{ "description":" Use SFTP When the drill/middleware is installed in the Windows machine, please use linux sytle path in Datawarehouse path. Example /C:/Users/Helical/your/path/to/datawarehouse", "host":[],"port":"22","userna me":[]},"standalone":{ "description":" Use standalone when middleware and helical insight are in the same machine. The dataware		

	T","output":"* Connection #0 to host 192.168.2.156 left intact application/json"},"threads":{"endpoint":"/thread.json","actions":"read","method":"GET,P OST","output":"application/json"},"options":{"endpoint":"/option.json","actions":"read"," method":"GET","output":"application/json"},"urlConfig":{"host":"192.168.2.156","port": "8047","dbPort":"31010","extraParam":[],"securityEnabled":"true","securityMode":"plain" ,"securityCheckType":"/j_security_check","username":"helical","password":"helical","http sState":"false","https":"http","distributedMode":"false","zookeeperPort":"2181"},"drillStor		
Description of	The response of the API is, it returns the success status value as 1 if it fails		
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		
Screenshot	, > Disable Middleware Examples (0) +		
	POST V http://192.168.2.156:8081/hi-ee/services Params Send V Save V		
	Authorization Headers (1) Body Pre-request Script Tests Code		
	form-data form-utencoded raw binary		
	type: coré services/type: dataSource service: grillConfig formoata: ("enabled":false)		
	Body Cookies (9) Headers (4) Test Results Status: 200 OK Time: 202 ms		
	Pretty Raw Preview HTML V 🖘		
	<pre>f 1 {"status":1,"response":{"drill":{"@managerClass":"com.helicalinsight.drill.DrilManager","enabled":"false","storageImpl":"standalone","enabledT)</pre>		

2.8.1.4 Update Drill Middleware Configuration

URL	services.html		
Description	User can update drill middleware settings in management page.		
Pre-requisite	User should have logged in before acce	essing the service.[Refer login	
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/service	es.html	
	Access through Curl command :		
LITTD Doguest	<pre>recess through curr command . curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dat aSource&service=updateDrillConfig&formData={"drillStorageLocation":[{ "path":"/home/helical/testdrill- 1"}],"urlConfig":{"host":"192.168.2.156","port":"8047","dbPort":"31010"," extraParam":[],"securityEnabled":"true","distributedMode":"false","userna me":"helical","password":"helical", "securityCheckType":"/j_security_check ","securityMode":"plain","zookeeperPort":"2181","httpsState":"false","https ":"http"},"fileSystemConfiguration":{"hdfs":{"description":" Use the hdfs storage to upload your flat files into hadoop ecosystem. \n\t\t\tHadoop should be up and running. Hdfs Host is ip address of the name node server. Hdfs port is the datanode port. The Data Warehouse path will be created in hadoop datanode. The path should have read and write access.","host":[],"port":"54310"},"sftp":{"description":" Use SFTP When the drill/middleware is installed in separate server and Helical Insight is installed in different Server. The files will be uploaded to the server where drill is running. Incase drill/middleware is installed in the Windows machine, please use linux sytle path in Datawarehouse path. Example /C:/Users/Helical/your/path/to/datawarehouse","host":[],"password":[],"port ":"22","username":[]},"standalone":{"description":" Use standalone when middleware and helical insight are in the same machine. The dataware house path will be created in istalled in that location","subDescription":[]},"enabled":true,"storageImpl":"standalone"}</pre>		
HTTP Request	HTTP Request Value	Description	
Key	core	Type of the Operation	
serviceType	dataSource	serviceType as dataSource	
service.	undateDrillConfig	Service name as undateDrillConfig	
formData:	{"drillStorageLocation":[{"path":"/home/heli	Action to update drill config	

	cal/testdrill-	according to available storage
	1"}],"urlConfig":{"host":"192.168.2.156","p	implementation
	ort":"8047","dbPort":"31010","extraParam":[Implementation.
	1."securityEnabled":"true"."distributedMode"	
	"false"."username":"helical"."password":"he	
	lical" "securityCheckType"·"/i security chec	
	k" "securityMode"·"nlain" "zookeenerPort"·"	
	2181" "https://tode : plain , zookeeperfort :	
	eSystemConfiguration"·{"hdfs"·{"description	
	"." Use the hdfs storage to upload your flat	
	files into hadoon ecosystem /n/t/t/tHadoon	
	should be up and running. Hdfs Host is in	
	address of the name node server. Hdfs port is	
	the datanode port. The Data Warehouse path	
	will be created in badoon datanada. The path	
	should have read and write	
	should have read and write	
	scription":" Use SETP When the	
	drill/middlewara is installed in separate	
	sorver and Helical Insight is installed in	
	different Server. The files will be upleaded to	
	the server where drill is running. Incase	
	drill/middleware is installed in the Windows	
	machina, plassa usa linux sutla nath in	
	Detewershouse neth Example	
	C:/Users/Users/Users/veyr/resth/te/detexysrehouse	
	/C:/Users/Hencal/your/paul/to/datawarehouse	
	, nost .[], password .[], port . 22, userna	
	the []], standarone :{ description : Use	
	standalone when middleware and helical	
	determine here not will be exceeded in ide	
	the System Directory of the hi repository	
	folder All the files uples ded will be sound in	
	folder. All the files uploaded will be saved in	
	location, subDescription []}}, enabled :tru	
Deenonge Output	c storagempr : standalone }	
(ISON format)		
(JSON Iormat)	"status": 1,	
	"response": {	
	"message": "Updated the changes suc	cessfully"
	}	
	}	
Description of	The response of the API is, it returns the	he success status value as 1 if it fails
Response	returns 0 as the status	
Autnut.		
Service Status	200 OK	

Screenshot	, → Update Drill Middleware Configuration			Examples (0) -
	POST V http://192.168.2.156:8081/hi-ee/services	Params	Send 🗸	Save	~
	Authorization Headers (1) Body Pre-request Script Tests			(Code
	♥ form-data ● x-www-form-urlencoded ● raw ● binary				
				Key-Value	Edit
	<pre>('host':'is2.i82.2.i85', 'port'', 'gapar', 'duport' ''saids', 'extragram''. [].'securityEnsbled'.'Trut'', 'distributed/osd''', 'faitarbare''', 'securityEnsbled'', ''coremany'', 'distributed/osd''', 'faitarbare'', ''securityKodd': 'plain', 'gookeegerort': '2131', 'httpsState''.'false'', 'https': 'http', 'f Use the hoffs storage to upload your flat files into hadoop ecosystem. 'Nithtifiadoop s' of the name node server. Hoffs port is the datanode port. The Data warehouse path will have read and write access.', 'host':[].'port':'S4310'), 'sftp':['description''.' Use SFT separate server and Helical Insiahl is installed in different Server. The files will b Body (Cookes (9) Headers (4) Test Besults</pre>	"helical", " <u>securityCheckTy</u> <u>ileSystemConfiguration</u> ":{" hould be up and running. <u>H</u> be created in <u>hadoog datan</u> p when the drill/ <u>middlewar</u> e uploaded to the server w	be":"/j_seci ndfs":{"des ifs Host is ide. The pa is install here drill : Status: 200 OK	urity_check cription": ip address th should led in is running. Time: 1573	<" " " ,/
	Pretty Raw Preview JSON V		Ē Q	Save Respor	nse
	1 = [(2 "status": 1, 3 - "response": { 4 "message": "Updated the changes successfully" 5 } 6 }				

2.8.2 DICE

2.8.2.1 Get DICE tutorial information

URL	services.html		
Description	User will get DICE tutorial information in management page.		
Pre-requisite	User should have logged in before accessing the service [Refer login		
-	module]		
	If the user is not logged in then you will ge	et login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8081/h1-ee/service	es.ntml	
	Access through Curl command :		
	Access through curr command.		
	curldata		
	"i username=hiadmin&i password=hia	admin&type=content&serviceType=	
	static&service=getcontents&formData=	={'contentId':'Static/managementCon	
	tent'}" http://192.168.2.156:8081/hi-ee/	/services.html -v	
HTTP Request	HTTP Request Value	Description	
Кеу		_	
type:	content	Type of the Operation	
serviceType:	static	serviceType as static	
service:	getContents	Service name as getcontents	
formData:	{"contentId":"Static/managementCon	Action to get DICE tutorial	
	tent"}	information.	
Response Output (ISON format)	{"status":1,"response":{"tutorialheading":"Dist	tributed In-memory Computation	
(JSON Iomat)	general-purpose cluster computing system."."C	Caching - Caching and persistence is an	
	optimization technique in which saves the resu	It of RDD evaluation. Using this we save the	
	intermediate result so that we can use it further	if required. It reduces the computation	
	overhead.", "Persist-When we use the cache we	can store all the RDD in-memory. We can	
	Persist 1.MEMORY ONLY. 2.MEMORY AN	ND DISK 3.MEMORY ONLY SER	
	4.MEMORY_AND_DISK_SER 5.DISK_ONI	LY"],"overviewItems":["To run applications	
	distributed across a cluster, DICE requires a cluster	uster manager.", "DICE requires atlest Java	
	8+","The master URL passed to Spark can be i	n one of the following formats:	
	spark://192.108.0.5:8899, Configuration table	need tab- This tab belos you to start stop	
	services related to Master, Worker, Application	n and JDBC	
	driver"],"enableMessage":"Enabling in memor	y computation may use excessive memory.	
	Excessive RAM is required. This may hamper	the application drastically in case you have	
	iess memory space. Are you sure?", "disableMe	as some of the reports may use in memory	
	computation. Are you sure.?"}}	as some of the reports may use in memory	
Description of	The response of the API is, it returns the	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		

Screenshot	Get DICE tutorial infofrmation	Examples (0) 👻
	POST V http://192.168.2.156:8081/hi-ee/services	Params Send - Save -
	Authorization Headers (1) Body Pre-request Script Tests	Code
	● form-data ● x-www-form-uriencoded ● raw ● binary	
		Key-Value Edit
	Berger Status Service: getContents formoata: {"contentid": "Static/managementContent"} Body Cookies (9) Headers (4) Test Results	Status: 200 OK Time: 61 ms
	Pretty Raw Preview JSON V	🖺 Q. Save Response
	<pre>1* { 2 "status": 1, 3 "response": { 4 "tutorialheading": "Distributed In-memory Computation Engine.", 5 "paneltreating": "DICE", 6* "paneltreating": "DICE", 7 "In memory computation - It is a fast and general-purpose cluster computing system.", 8 "caching - Caching and persistence is an optimization technique in which saves the result 9 "rerestor-when we use the cache we can store all the ROD In-memory. We can persist the ROD 10 "levels of Persist I.MEMORY_ONLY. 2.MEMORY_AND_DISK 3.MEMORY_ONLY_SER 4.MEMORY_AND_DISK_SE 11 [, 12 "overviewitems": [13 "Torun applications distributed across a cluster, DICE requires a cluster manager.", 14 "DICE requires atlest Java 8+",</pre>	of RDD evaluation. Using this we save th In memory and use it efficiently across R S.DISK_OWLY"

2.8.2.2 Get DICE process running status

URL	services.html		
Description	User will get the running status of DICE in management page.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
Accessible for		et login page.	
Accessible for			
Method	1031		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/servic	es.html	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType= system&service=management&formData={'command':'GET_INFO'}"		
UTTD Poquest	HTTP Paquest Value	Description	
Kev	III IF Request Value	Description	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	management	Service name as management	
formData:	{"command":"GET_INFO"}	Action to get DICE process	
		running status.	
Response Output (JSON format)	<pre>{ "status": 1, "response": { "master": false, "worker": false, "spark": false, "jdbc": false, "computation": false } }</pre>		
Description of	The response of the API is , it returns the status	the success status value as 1 if it fails	
Output:			
Service Status	200 OK		

Screenshot	 Get DICE process running status 		Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send	Save V
	Authorization Headers (1) Body Pre-request Script Tests		Code
			Key-Value Edit
	type: monitor service: management formOata:{"command":"GET_INFO"}		<i>6</i>
	Pretty Paw President ISON V	314103.2 [Fi] (Cover Response
	<pre>1+ { 2 "status": 1, 3 "response": { 4 "mesponse": false, 5 "worker": false, 6 "synrk: false, 7 "jdbc": false, 8 "computation": false 9 } 10 }</pre>		

2.8.2.3 Enable DICE

URL	services.html		
Description	User can enable the DICE in management page.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
Accessible for	ROLE ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType=		
	ATION'}" http://192.168.2.156:8081/h	i-ee/services.html -v	
HTTP Request Key	HTTP Request Value	Description	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	management	Service name as management	
formData:	{"command":"START_COMPUTAT Action to enable DICE ION"}		
Response Output (JSON format)	{"status":0,"response":{"message":"Error: OperationFailedException: Could not start DICE. Please check the log for more details"}}		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status.		
Service Status	200 OK		

Screenshot	Enable DICE		Examples ((0) *
	POST V http://192.168.2.156:8081/hi-ee/services.html Params	Send 🗸	Save	~
	Authorization Headers (1) Body Pre-request Script Tests		4	Code
	form-data x-www-form-urlencoded inaw			
			Key-Value	Edit
	CPPUICETVDE: system gervlad: management formosta: {"command":"START_COMPUTATION"}			li
	Body Cookies (9) Headers (4) Test Results	Status: 200 OK	Time: 88178	ms
	Pretty Raw Preview HTML V ==	ΓQ	Save Respor	nse
	<pre>f 1 {"status":a, "response":{"message":"Error: OperationFailedException: Could not start DICE. Please check the log .</pre>	or more details	"}}	

2.8.2.4 Disable DICE

URL	services.html			
Description	User can disable the DICE in management page.			
Pre-requisite	User should have logged in before accessing the service.[Refer login module]			
	If the user is not logged in then you will get login page.			
Accessible for				
HTTP Request Method	POST			
Example	Access through browser :			
	http://192.168.2.156:8081/hi-ee/service	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :			
	curldata			
	"j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType= system&service=management&formData={'command':'STOP_COMPUTA TION'\" http://192.168.2.156:8081/hi-ee/services.html_v			
HTTP Request	HTTP Request Value	Description		
Кеу				
type:	monitor	Type of the Operation		
serviceType:	system	serviceType as system		
service:	management	Service name as management		
formData:	{"command":"STOP_COMPUTATI ON"}	Action to disable DICE		
Response Output (JSON format)	{"status":1,"response":{"message":"Computation Stopped successfully"}}			
Description of	The response of the API is, it returns t	he success status value as 1 if it fails		
Response	returns 0 as the status.			
Output:				
Service Status	200 OK			

Screenshot	Disable DICE	105	Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html Params	Send 💊	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	● form-data ● x-www-form-urlencoded ● raw ● binary		
			Key-Value Edit
	<pre>3erviceType: system 5erviceType: system formData: {"command":"STOP_COMPUTATION"}</pre>		
	Body Cookies (9) Headers (4) Test Results	Status: 200 OK	Time: 16310 ms
	Pretty Raw Preview HTML V	ΓQ	Save Response
	<pre>i 1 {("status":1,"response":{"message":"Computation Stopped successfully"})</pre>		

2.8.2.5 Start SPARK

URL	services.html			
Description	User can start spark process under the DICE->Advanced in management page.			
Pre-requisite	User should have logged in before accessing the service.[Refer login module]			
Accessible for	ROLE ADMIN			
HTTP Request Method	POST			
Example	Access through browser :			
	http://192.168.2.156:8081/hi-ee/servie	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :			
	curldata			
	"j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType=			
	system&service=management&formData={'command':'START_SPARK'}"			
HTTP Request	HTTP Request Value	Description		
Key	1	I I I		
type:	monitor	Type of the Operation		
serviceType:	system	serviceType as system		
service:	management	Service name as management		
formData:	{"command":"START_SPARK"}	Action to start spark process		
Response Output (JSON format)	{"status":0,"response":{"message":"Error: OperationFailedException: Could not start DICE. Please check the log for more details"}}			
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status.			
Service Status	200 OK			

Screenshot	, Start Spark Process		Examples (0) -
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send Y	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	form-data *x-www-form-urlencoded raw binary		
			Key-Value Edit
	<pre>serviceType: system of vice: management formData: {"command":"START_SPARK"}</pre>		
	Body Cookies (9) Headers (4) Test Results	Status: 200 OK	Time: 60282 ms
	Pretty Raw Preview HTML V	Ē Q	Save Response
	<pre>f 1 {"status":0,"response":{"message":"Error: OperationFailedException: Could not start DICE. Please</pre>	theck the log for more details	"}}

2.8.2.6 Stop SPARK

URL	services.html		
Description	User can stop spark process under the DICE->Advanced in management page		
Description			
Pre-requisite	User should have logged in before acc	cessing the service. [Refer login	
	module]		
	If the user is not logged in then you will a	get login page.	
Accessible for	ROLE ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
Example			
	http://192 168 2 156:8081/hi-ee/servio	ces html	
	intp://1/2.100.2.100.0001/iii 00/601/ii		
	Access through Curl command ·		
	Access through curr command.		
	curldata		
	"i username=hiadmin&i password=hiadmin&type=monitor&serviceType=		
	system&service=management&formData={'command'.'STOP_SPARK'}"		
	http://192.168.2.156.80.81/hi-ee/services.html_v		
HTTP Request	HTTP Request Value	Description	
Key	in in Request value	Description	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	management	Service name as management	
formData:	{"command":"STOP_SPARK"}	Action to stop spark process	
Response Output	{"status":0,"response":{"message":"Error: Ef	WServiceException: Spark instance is not	
(JSON format)	running"}}		
Description of	The response of the ADL is it returns	the success status value as 1 if it fails	
Description of Desponse	returns 0 as the status	the success status value as 1 if it falls	
Ausponse	returns 0 as the status.		
Output:			
Service Status	200 OK		

Screenshot				Examples	(0) -
	POST V http://192.168.2.156:8081/hil-ee/services.html	Params	Send ~	Save	~
	Authorization Headers (1) Body Pre-request Script Tests				Code
	G form-data • x-www-form-urlencoded • kaw • binary				
				Key-Value	Edit
	type:monitor service:management formData: ("command":"STOP_SPARK"}				
	Body Cookies (9) Headers (4) Test Results		Status: 200 0	DK Time: 5	B ms
	Pretty Raw Preview HTML V		ΓQ	Save Respo	nse
	<pre>% 1 [{"status":0, "response":("message":"Error: EfwServiceException: Spark instance is not running"}]</pre>				

2.8.2.7 Start Worker thread

URL	services.html		
Description	User can start worker thread process under the DICE->Advanced in management page.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :		
	ourl doto		
	"j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType= system&service=management&formData={'command':'START_WORKER		
HTTP Request	HTTP Request Value	Description	
Kev	III II Request vulue		
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	management	Service name as management	
formData:	{"command":"START_WORKER"}	Action to start worker thread	
Response Output (JSON format)	{"status":0,"response":{"message":"Error: EfwServiceException: The Worker is already started"}}		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status.		
Service Status	200 OK		

Screenshot	Start Worker thread	-	Examples (0) 🔹
	POST V http://192.168.2.156:8081/hi-ee/services.html Pr	arams Send	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests	*	Code
	of form-data • x-www-form-uriencoded • raw • binary		
			Key-Value Edit
	type:monitor <u>Service:management</u> service:management <u>formpata</u> : {"command":"START_WORKER"}		ĥ
	Body Cookies (9) Headers (4) Test Results	Status: 200	OK Time: 127 ms
	Pretty Raw Preview HTML V	ΠQ	Save Response
	<pre># 1 {"status":0,"response":{"message":"Error: EfwServiceException: The Worker is already started"}}</pre>		

2.8.2.8 Stop Worker thread

URL	services.html			
Description	User can stop worker thread process under the DICE->Advanced in management page.			
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN			
HTTP Request Method	POST			
Example	Access through browser :			
	http://192.168.2.156:8081/hi-ee/services.html			
	Access through Curl command :			
	curldata "j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType= system&service=management&formData={'command':'STOP_WORKER'} " http://192.168.2.156:8081/hi-ee/services.html -v			
HTTP Request	HTTP Request Value	Description		
Key				
type:	monitor	Type of the Operation		
serviceType:	system	serviceType as system		
service:	management	Service name as management		
formData:	{"command":"STOP_WORKER"}	Action to stop worker process		
Response Output (JSON format)	{"status":1,"response":{"message":"Worker Stopped successfully"}}			
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status.			
Service Status	200 OK			
Screenshot	Stop Worker thread			Examples (0) *
------------	--	------------------------------------	-------------	--------------------------
	POST V http://192.168.2.156:8081/hi-ee/se	rvices.html	Params	nd 💛 Save 🗸
	Authorization Headers (1) Body Pre-re	quest Script Tests		Code
	form-data • x-www-form-urlencoded • raw	binary		
	Key	Value	Description	Bulk Edit
	V type	monitor		
	serviceType	system		
	service service	management		
	ormData	{"command":"STOP_WORKER"}		
	New Rey			
	Body Cookies (9) Headers (4) Test Resul	ts	Stat	us: 200 OK Time: 8070 ms
	Pretty Raw Preview HTML 🗸 🚍		[🖞 🔍 Save Response
	<pre>i 1 {"status":1,"response":{"message":"Worker</pre>	<pre>Stopped successfully"}}</pre>		

2.8.2.9 Start Master

URL	services.html		
Description	User can start master process under the I	DICE->Advanced in management page.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/servic	es.html	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType= system&service=management&formData={'command':'START_MASTER'		
HTTP Request	HTTP Request Value	Description	
Key	1	1	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	management	Service name as management	
formData:	{"command":"START_MASTER"}	Action to start master process	
Response Output (JSON format)	{"status":0,"response":{"message":"Error: EfwServiceException: Master instance is already running"}}		
Description of Response Output:	The response of the API is , it returns to returns 0 as the status.	the success status value as 1 if it fails	
Service Status	200 OK		

Screenshot	→ Start Master		Examples (0)	*
	POST V http://192.168.2.156:8081/hi-ee/services.html Params	Send 🗸	Save ~	
	Authorization Headers (1) Body Pre-request Script Tests		Co	de
	form-data form-urlencoded raw binary			
			Key-Value Ed	it
	type:monitor <u>service:management</u> <u>formData</u> :{"command":"START_MASTER"}			
	Body Cookies (9) Headers (4) Test Results	Status: 200 (DK Time: 78 ms	_// \$
	Pretty Raw Preview HTML Y =>	n q	Save Response	2
	<pre>f 1 {"status":0, "response":{"message":"Error: EfwServiceException: Master instance is already running"}}</pre>			

2.8.2.10 Stop Master

URL	services.html			
Description	User can stop worker thread process unde	er the DICE->Advanced in management		
	page.			
Pre-requisite	User should have logged in before acce	essing the service. Refer login		
	module			
	If the user is not logged in then you will ge	et login page.		
Accessible for	ROLE_ADMIN			
HTTP Request	POST			
Method				
Example	Access through browser :			
	http://192.168.2.156:8081/hi-ee/service	es.html		
	Access through Curl command :			
	curldata			
	"j username=hiadmin&j password=hiadmin&type=monitor&serviceType=			
	system&service=management&formDa	ata={'command':'STOP MASTER'}		
	"http://192.168.2.156:8081/hi-ee/servi	ces.html -v		
HTTP Request	HTTP Request Value	Description		
Key	-			
type:	monitor	Type of the Operation		
serviceType:	system	serviceType as system		
service:	management	Service name as management		
formData:	{"command":"STOP_MASTER"}	Action to stop master process		
Response Output	{"status":1,"response":{"message":"Worke	er Stopped successfully"}		
(JSON format)		FI STATES ()		
Description of	The response of the API is it returns the	he success status value as 1 if it fails		
Response	returns () as the status	in success status value as 1 ii it lalls		
Acopolise Autout.	Terums of as the status.			
Service Status	200 OK			

Screenshot	Stop Master		Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params	i 💛 Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	form-data x-www-form-urlencoded raw binary		
			Key-Value Edit
	type:monitor <u>service:management</u> <u>formData</u> :["command":"STOP_MASTER"]		
	Body Cookles (9) Headers (4) Test Results	Status	200 OK Time: 8084 ms
	Pretty Raw Preview HTML V	Ċ	Q Save Response
	<pre>% 1 {{"status":1, "response":{"message":"Master Stopped successfully"}}</pre>		

2.8.2.11 Start HIVE

URL	services.html			
Description	User can start HIVE under the DICE->Adva	nced in management page.		
Pre-requisite	User should have logged in before accessing the service. [Refer login			
-	module]			
	If the user is not legged in then you will ge	t login page		
A accesible for	If the user is not logged in then you will ge	et login page.		
Accessible for				
Method				
Example	Access through browser :			
	http://192.168.2.156:8081/hi-ee/service	es.html		
	Access through Curl command :			
	curldata			
	"j_username=hiadmin&j_password=hiadwin&j_password=hiadwin&j_password=hiadwin&j_password=hiadwin&j_password=hiadwin&j_password=hiadwin&j_password=hiadwin&j_pas	admin&type=monitor&serviceType=		
	system&service=management&formDa	ata={'command':'START_HIVE'}"		
HTTD Pequest	HTTP Bequest Value	Description		
Kev	III IF Request value	Description		
type:	monitor	Type of the Operation		
serviceType:	system	serviceType as system		
service:	management	Service name as management		
formData:	{"command":"START_HIVE"}	Action to start HIVE process		
Response Output	{"status":0,"response":{"message":"Error:	EfwServiceException: Spark Instance is		
(JSON format)	not running. Please start spark first"}}			
Description of	The response of the API is, it returns the	he success status value as 1 if it fails		
Response	returns 0 as the status.			
Output:				
Service Status	200 OK			
Screenshot	► Start HIVE 💉	Examples (0) 👻		
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V		
	Authorization Headers (1) Body Pre-request Script Tests	Code		
	o form-data • x-www-form-uriencoded • raw • binary			
	type:sepitor	Key-Value Edit		
	Service:management formbata:{"command":"START HIVE"}			
	Body Cookles (9) Headers (4) Test Results	Status: 200 OK Time: 116 ms		
	Pretty Raw Preview HTML V	D Q Save Response		
	<pre>f 1 {"status":0,"response":{"message":"Error: EfwServiceException: Spark Ins</pre>	stance is not running. Please start spark first"}}		

2.8.2.12 Stop HIVE

URL	services.html		
Description	User can stop HIVE under the DICE->Adva	nced in management page.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/service	es.html	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=monitor&serviceType=		
	system&service=management&formData={'command':'STOP_HIVE'}"		
LITTD De gue get	http://192.168.2.156:8081/n1-ee/service	es.ntml -V	
Kov	HITP Request value	Description	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	management	Service name as management	
formData:	{"command":"STOP HIVE"}	Action to stop HIVE process	
Response Output (JSON format)	{"status":0,"response":{"message":"Error: EfwServiceException: Spark Instance is not running. Please start spark first"}}		
Description of	The response of the API is, it returns the	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		

Screenshot	, > Stop HIVE			Example	s (0) 👻
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params	Send 🗸	Save	~
	Authorization Headers (1) Body Pre-request Script Tests				Code
	form-data x-www-form-urlencoded raw binary				
				Key-Valu	e Edit
	<u>serviceType:system</u> service:management <u>formData</u> :("command": "STOP_HIVE") Body Cookies (9) Headers (4) Test Results		Status: 200 (OK Time: t	// 59 ms
	Pretty Raw Preview HTML V		lī Q	Save Resp	onse
	<pre>i 1 {"status":0,"response":{"message":"Error: EfwServiceException: Hive instance is not running"}}</pre>				

2.9 Plugins

2.9.1 Get all loaded Plugins/Refresh Plugins

URL	services.html			
Description	User will get all loaded plugins from Driver	r/Plugins folder.		
Pre-requisite	User should have logged in before acce module]	User should have logged in before accessing the service. [Refer login module]		
Accessible for	ROLE ADMIN			
HTTP Request Method	POST			
Example	Access through browser :			
	http://192.168.2.156:8081/hi-ee/service	es.html		
	Access through Curr command .			
	curldata "j_username=hiadmin&j_password=hia system&service=customWatcher&form http://192.168.2.156:8081/hi-ee/service	admin&type=monitor&serviceType= nData={'action':'scan'}" es.html -v		
HTTP Request	HTTP Request Value	Description		
type:	monitor	Type of the Operation		
serviceType:	system	serviceType as system		
service:	customWatcher	Service name as customWatcher		
formData:	{"action":"scan"}	Action to scan/refresh the plugins		
Response Output (JSON format)	{"action":"scan"} Action to scan/refresh the plugins {"status":1,"response":{"data":[{"plugins":[{"name":"","temporaryName":"iijdbc","installe dDate":"2018-04- 03","pluginType":"","details":{"entryPoint":[],"isDriver":"No","actualPath":"/Drivers/iijdb c.jar", classLoaderInstance":"","jarName":"iijdbc.jar"},"status":"Disabled"},{"name":"","t emporaryName":"mysql-connector-java-5.1.42-bin","installedDate":"2018-12- 05","pluginType":"","details":{"entryPoint":[],"isDriver":"No","actualPath":"/Drivers/mys ql-connector-java-5.1.42-bin.jar","classLoaderInstance":"","jarName":"mysql-connector-java-5.1.42-bin.jar","classLoaderInstance":"","jarName":"sqlite-jdbc- 3.20.0","installedDate":"2018-04- 03","pluginType":"","details":{"entryPoint":[],"isDriver":"No","actualPath":"/Drivers/sqlit e-jdbc-3.20.0.jar", classLoaderInstance":","jarName":"sqlite-jdbc- 3.20.0.jar","status":"Disabled"},{"name":"qlatil-idbc-all- 1.13.0,","installedDate":"2018-06- 25","pluginType::"DiabaseDriver","details":{"entryPoint":["org.apache.drill.jdbc.Driver"], "isDriver":"Yes", actualPath":'/Drivers/drill-jdbc-all- 1.13.0.jar","classLoaderInstance":"com.helicalinsight.efw.framework.ParentLastClassLoad er@lcf93585","jarName":"drill-jdbc-all- 1.13.0.jar","status":"Enabled"},{"name":"oracle","temporaryName":"ojdbc6- 11","installedDate":"2018-12- 03","pluginType:"DatbaseD			

Description of Response Output:	adb-java-client-1.1.7.jar", "classLoaderInstance":"", "jarName":"r 1.1.7.jar"}, "status": "Disabled"}, {"name": "postgresql", "temporar 1103.jdbc4", "installedDate": "2018-04- 03", "pluginType": "DatbaseDriver", "details": {"entryPoint": ["org ver": "Yes", "actualPath": "/Drivers/postgresql-9.3- 1103.jdbc4.jar", "classLoaderInstance": "com.helicalinsight.efw.ft Loader @7ffcfb60", "jarName": "postgresql-9.3- 1103.jdbc4.jar"}, "status": "Enabled"}, {"name": "sqlserver", "temp 1.3.1", "installedDate": "2018-04- 03", "pluginType": "DatbaseDriver", "details": {"entryPoint": ["net. er"], "isDriver": "Yes", "actualPath": "/Drivers/sybasejtds- 1.3.1.jar", "classLoaderInstance": "com.helicalinsight.efw.framework r@541ccc24", "jarName": "sybasejtds- 1.3.1.jar"}, "status": "Enabled"}, {"name": "mysql", "temporaryNar java-8.0.11", "installedDate": "2018-12- 05", "pluginType": "DatbaseDriver", "details": {"entryPoint": ["con sDriver": "Yes", "actualPath": "/Drivers/mysql-connector-java- 8.0.11.jar", "classLoaderInstance": "com.helicalinsight.efw.framework r@3d0d786c", "jarName": "mysql-connector-java- 8.0.11.jar", "status": "Enabled"}, {"name": "nysql.efw.framework r@3d0d786c", "jarName": "mysql-connector-java- 8.0.11.jar", "classLoaderInstance": "com.mysql.cj.jdbc.Driver": "to Driver": "Yes", "actualPath": "/Drivers/mysql-connector-java- 8.0.11.jar", "classLoaderInstance": "com.mysql.cj.jdbc.Driver", "com.mysql.cj.jdbc.Driver", "com.mysql.cj.jdbc.Driver", "com.mysql.cj.jdbc.Driver", "com.mysql.cj.jdbc.Driver", "com.mysql.cj.jdbc.Driver", "com.mysql.cj.jdbc.Driver", "jarName": "nysql Plugins/hive", "classLoaderInstance": ", "jarName": "hive"}, "statu e": "Plugin Refresh Successfully"}} The response of the API is , it returns the success statu returns 0 as the status.	nariadb-java-client- yName":"postgresql-9.3- .postgresql.Driver"],"isDri ramework.ParentLastClass ooraryName":"sybasejtds- sourceforge.jtds.jdbc.Driv .ParentLastClassLoade ne":"mysql-connector- n.mysql.cj.jdbc.Driver"],"i k.ParentLastClassLoad e","installedDate":"201 8- er","com.mysql.cj.jdbc. m.mysql.cj.jdbc.Driver iver":"No","actualPath":"/ us":"Enabled"}]}],"messag
Service Status	200 OK	
Screenshot	Set all loaded plugins/Refresh Plugin tab POST http://192.168.2.156:8081/hi-ee/services.html Authorization Headers (1) Body Pre-request Script Tests form-data x-www-form-uriencoded raw binary type :monitor service:rustommatcher form-data (* action*: * scan*) Body Cookies (9) Headers (4) Test Results Pretty Raw Preview HTML D f 1 (*status*:1, *response*: {* "data*: [(*plugins*: [(*name*:**, *temporaryName*: **iijdbc*, *installedbate*:**2018	Examples (0) * Params Send Save Save Code Code Key-Value Edit Status: 200 OK Time: 74 ms Q Save Response -84-03", "pluginType": "", "details": {"entryf

2.9.2 Uninstall/Delete Plugins

URL	services.html		
Description	User can uninstall/delete plugin from Driv	er/Plugins folder.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/service	es.html	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hi system&service=deletePlugin&formDa connector-java-5.1.6.jar'}" http://192.1	admin&type=monitor&serviceType= ata={'pluginJar':'/Drivers/mysql- 68.2.156:8081/hi-ee/services.html -v	
HTTP Request	HTTP Request Value	Description	
Кеу	-	-	
type:	monitor	Type of the Operation	
serviceType:	system	serviceType as system	
service:	deletePlugin	Service name as deletePlugin	
formData:	{"pluginJar":"/Drivers/mysql-	Action to uninstall/delete the	
	connector-java-5.1.6.jar"}	plugins	
Response Output (JSON format)	{"status":1,"response":{"message":"Succe	ssfully deleted the plugin"}}	
Description of	The response of the API is, it returns t	he success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		

Screenshot	Delete/Uninstall Plugin			Examples (0) 👻
	POST V http://192.168.2.156:8081/hi-ee/serv	ices.html	Params	Save 🗸
	Authorization Headers (1) Body Pre-requ	iest Script Tests		Code
	form-data • x-www-form-urlencoded • raw	C binary		
	Key	Value	Description	Bulk Edit
	✓ type	monitor		
	serviceType	system		
	service service	deletePlugin		
	ormData formData	{"pluginJar":"/Drivers/mysql-connector-java-5.1.6.jar"}		
	New key			
	Body Cookies (9) Headers (4) Test Results		State	us: 200 OK Time: 70 ms
	Pretty Raw Preview HTML V 📅		Ē	Q Save Response
	i 1 {"status":1,"response":{"message":"Successfu	ully deleted the plugin"}}		

2.10 Read any property file present in System directory

URL	services.html			
Description	User can read any property file which is present in System directory(hi-			
_	repository/System/Admin)			
Pre-requisite	User should have logged in before accessing the service. [Refer login			
	module]			
	If the user is not logged in then you will get login page			
Accessible for	ROLE ADMIN			
HTTP Request	POST			
Method				
Example	Access through browser :			
. 1				
	http://192.168.2.156:8081/hi-ee/service	es.html		
	Access through Curl command :			
	curldata			
	"j_username=niadmin&j_password=niadmin&type=monitor&serviceType=			
	easeNote properties'}" http://192.168.2.156.8081/hi-ee/services.html_v			
HTTP Request	HTTP Request Value	Description		
Key		Description		
type:	monitor	Type of the Operation		
serviceType:	system	serviceType as system		
service:	readProperty	Service name as readProperty		
formData:	{"filePath":"Admin","fileName":"rele	Provide name of file which is		
	aseNote.properties"}	present under hi-		
		repository/System/Admin		
Response Output	{"status":1,"response":{"releaseNote":{"hi	.heading":"What's		
(JSON format)	New?", "h1.a_l1": "New version 3.0 is releas	ed.","hi.e_li":"New Scheduling		
	UI.", "ht.d_li": "Direct links to tutorials.", "ht.b_li": "New generation UI with one aliak appage " "hi a li"." Exporting and printing bugs fixed " "hi f li"."			
	<pre>cnck access. , III.c_II . Exporting and printing bugs fixed. , III.1_II : <a href='\"http://www.heliicalinsight.com/whatisnew?version=3.0\"</pre'></pre>			
	target=\" blank\">Click Here to Know more"}}			
Description of	The response of the API is, it returns the	he success status value as 1 if it fails		
Response	returns 0 as the status.			
Output:				
Service Status	200 OK			

Screenshot	Read any property file present in the system directory			Examples	(0) -
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params	Send 🗸	Save	~
	Authorization Headers (1) Body Pre-request Script Tests				Code
	◎ form-data •x-www-form-urlencoded ◎ raw ◎ binary				
				Key-Value	a Edit
	<pre>type: monitor <u>serviceType</u>: system service: readProperty formData:("filePath":"Admin", "fileName": "releaseNote.properties")</pre>				
	Rody Copyler (10) Hearler (4) Tert Deniltr		Status: 200 C	K Time 5	// 0 ms
	Pretty Raw Preview HTML V		ΓQ	Save Respo	onse
	[1] ["status":1, "response": ["releaseNote": ("hi.heading": "What's New?", "hi.a_l1": "New version 3.0 is rel 2 Click Here to 2 Click Here to 3 	Hased.","hi.e	_li":"New Schedu }}	ling UI.",	"hi.c

3.<u>HI Module</u>

HI module allows user to do file browser operations.HI module allows you to open or rename or export/import the different types of report.It allows you to take export of report in different file formats.

User can filter reports in file browser.

3.1 User Login

URL	?j_username=hiuser&j_password=hiuser			
Description	Any user can log into the application.			
Pre-requisite	Helical Insight application shou	Helical Insight application should be up/running.		
Accessible for	ROLE_ADMIN, ROLE_USER			
HTTP Request Method	GET,POST			
Example	Access through browser : http://192.168.2.156:8085/hi-ee/?j_username=hiuser&j_password=hiuser Access through Curl command : curldata "j_username=hiuser&j_password=hiuser" http://192.168.2.156:8085/hi-ee/ -v			
HTTP Request Key	HTTP Request Value	Description		
j_username	hiuser	Username for login		
j_password	hiuser Password for login			
j_organization (Optional)		Organization name /blank if no organization		
Service Status	200 OK			



3.2 File Browser Operations

3.2.1 Open/Refresh File Browser

URL	getSolutionResources.html
Description	Loads all the resources i.e file system whichever is accessible to the logged in user. You can see the repository details with associated files and folders. It loads folders, files with permission levels.
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN,ROLE_USER
HTTP Request Method	GET,POST
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee/getSolutionResources.html
	Access through Curl command :
	curldata "j_username=hiadmin&j_password=hiadmin" http://192.168.2.156:8085/hi-ee/getSolutionResources.html -v
Response Output (JSON Format)	[{ "path": "HelicalDemo", "permissionLevel": "2", "children": [

	{ "tomplete": "line html"			
	"extension": "efw"			
	"visible": "true"			
	visible : true,			
	author : "Nitin",			
	"icon": "images/image.ico",			
	"description": "Line Chart Demo",			
	"type": "file",			
	"title": "Line Demo",			
	"absolutepath": "/home/helical/hi/hi-			
	"poth": "HolicolDomo/line.efw"			
	"path": "HelicalDemo/line.etw",			
	"permissionLevel": "2",			
	"name": "line.efw",			
	"style": "clean",			
	"lastModified": "1405009260000"			
	}			
],			
	"name": "HelicalDemo",			
	"lastModified": "1507118932000",			
	"type": "folder"			
	}			
Description of	The response returned is the JSON array having the different paths of the			
Response	repository, its permission(<u>Click for more details</u>), name of the folder,			
Output:	lastmodified timestamp, type etc.			
-	It returns the children array which is the sub-folder/file of the path having all			
	details(name,type,title,path) related to children file/folder.			
	• PermissionLevel: This key have the permission of the resource for the			
	respective user.			
	• lastModified holds the timestamp information for the file/folder when it			
	was last modified/access.			
	path : Holds the physical name of the file/folder.			
	permissionLevel: Permission level of the folder <u>Click for more details</u>			
	children : Children array of directory			
	extension : Extension of the file			
	title: Title of the file			
	type : type as folder/file			
	lastModified : lastModified timestamp of file. Etc.			
Service Status	200 OK			

Screenshot		GET V http://192.168.2.156:8085/hi-ee/getSolutionResources.html	Params	Send	Save 🗸
		Pretty Raw Preview HTML V			Ē Q
		<pre>1 [("path":"HelicalDemo","permissionLevel":"2","children":[("template":"line.html","extension":"efw",</pre>	"visible": "true path:",/home/he yule:"cleam"," ","iono":"Imag model and the second model and	","author":"Nit lical/hl/ni-ref solfmag.lico", "path femo.efw","path femo.efw","path fefw","permissic lis932000","tyy" ""954182c-dd0 ti9322000","tyy ""3","inherit" ""3","inherit" ""3","inherit" tadata","listMastVoor tadatata tadatatatatatatatatatatatatata	tin","icon" jository 'description" 'chord.html" ic","title" snlevel":"20 """folder"} 54.4696-9b75 22c-d54.4696 ""true" odified" 2854" 54/3801469 me9-6d44.48fc t" "" 3a91fa69-6d4d Sample me9-6d44.8fc t" "" Salfa69-6d4d Sample colder") sible":"true" orkflow 82465804" ath"
Post-action		Display the file structure in tree format . The user can p based operations like cut- paste, adding, saving file etc.	erform	file syst	em
	0	No access			
Permission Level	1	Execute Only			
Interpretation	2	Read only (Context menu just show open, open in new wind	ow and p	oropertie	s option)
	3	Read + Write (Context menu should show open, open in new	v window	v, edit (i	f any))
	4	Read + Write + Delete (Context menu should show open, op and delete)	en in nev	w windo	ow, edit
	5	Read + Write + Delete + share (Context menu should show of edit, delete and share)	open, ope	en innew	v window,
		### Creating a new folder and import can only happen where	e user ha	s 3+ priv	vileges"

3.2.2 Filter by type

3.2.2.1 All

URL	getResources?extensions=[%22All%22]
Description	Loads all the resources i.e file system whichever is accessible to the logged in user. It will show you the all resources related details like its sub-folder , name , fileType,permission etc.
Pre-requisite	User should have logged in before accessing the service. [Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_USER, ROLE_ADMIN
HTTP Request	GET,POST

Method	
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22All%22]
	Access through Curl command :
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=[%22All%22]" http://192.168.2.156:8085/hi-ee/getResources
Response Output (JSON Format)	[{"path":"1501585888507","permissionLevel":"5","children":[{"path":"150158 5888507/1502447762911","permissionLevel":"5","children":[{"path":"150158 5888507/1502447762911/1504244039446","permissionLevel":"5","children":[],"name":"Dashboard Test","options":{"selectable":"true"},"lastModified":"1506093251000","type": "folder"]] "name":"Tostad
	Reports", "options": {"selectable": "true"}, "lastModified": "1506093253000", "typ e": "folder"}, {"path": "1501585888507/1501670047455", "permissionLevel": "5" ,"children": [], "name": "HI Module Testing PreCondition", "options": {"selectable": "true"}, "lastModified": "1506317911000 ", "type": "folder"}], "name": "AutomationTesting", "options": {"selectable": "true" }, "lastModified": "1506350827000", "type": "folder"}, {"path": "1506336430114" ,"permissionLevel": "5", "children": [], "name": "Test Created Folder", "options": {"selectable": "true"}, "lastModified": "1506336430000", "type ": "folder"}, {"path": "HelicalDemo", "permissionLevel": "2", "children": [], "name" : "HelicalDemo", "lastModified": "1506093051000", "type": "folder"}, {"path": "15 06344570988", "permissionLevel": "5", "children": [], "name": "SQL Server", "options": {"selectable": "true"}, "lastModified": "1506404658000", "type ": "folder"}]
Description of Response Output:	 The response returned is the JSON array of all resources having the different paths of the repository, its permission(<u>Click for more details</u>), name of the folder, lastmodified timestamp, type etc. It returns the children array which is the sub-folder/file of the path having all details(name,type,title,path) related to children file/folder. PermissionLevel: This key have the permission of the resource for the respective user. lastModified holds the timestamp information for the file/folder when it was last modified/access. path : Holds the physical name of the file/folder. permissionLevel: Permission level of the folder <u>Click for more details</u> children : Children array of directory extension : Extension of the file title: Title of the file type : type as folder/file

200 OK			
GET http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22All%22] Authorization Headers Body Pre-request Script Tests Type No Auth V Body Cookies (5) Headers (7) Tests I [{"path": "1504078983622","permissionLevel": "5", "children": [{"path": "1504078983622/1504079799119","permissionLevel": "5", "children": [["path": "1504078983622/150407299000", "type": "folder"), ["permissionLevel": "150","atthoutifed": "1507280737 1 [["path": "1504078983622/150407299000", "type": "folder"), ["path": "1504078983622/15040729900", "type": "folder"), ["path": "1504078000", "type": "folder"), ["path": "1504078083622/15040728737761", "permissionLevel": "5", "children": [["path": "150407800", "type: "folder"), ["path: "1504078083622/150407287494 1 [["path: "1504078083622/15040728747, "permissionLevel": "5", "children": [], "name": "HelicalDeme", "lisotodified": "15072807845700", "type: "folde	Params Status: 200 OK straissionLevel":" " Status: 200 OK straissionLevel":" " Status: 200 OK " " " " Status: 200 OK " " " Status: 200 OK " " " " " Status: 200 OK " " " " " Status: 200 OK " " " " " " " " " " " " " " " " " " "	Send Time: 76 ms 5","children" 22/1594161341 0000","type": ble":"true"} 000","type": "1597198819 0","type":"for 21/037198819 0","type":","childre "5","childre "5","childre	Save ~ Cookies Coo Size: 8.77 KB Cookies Coo Size: 8.77 KB Coo Size: 8.77 KB Size: 8.77 KB Coo Size: 8.77 KB Coo Size: 8.77 KB Coo Size: 8.77 KB Size: 8.77 KB Coo Size: 8.77 KB Size: 8.77 KB
	GET http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22All%22] Authorization Headers Body Pre-request Script Tests Type No Auth ************************************	GET http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22All%22] Params Authorization Headers Body Pre-request Script Tests Type No Auth • Body Cookies (5) Headers (7) Tests Status: 200 OK Pretry Raw Preview HTML • 1 [{"path": "1504078983622", "permissionLevel": "5", "children": [{"path": "1504078983622/1504079799119", "permissionLevel": "5", "children": [["path": "1504078983622/1504079799119", "permissionLevel": "5", "children": [] "mae": "Reports 2", "options": ("selectable": "true"), "lastWoif ied": "1507208737619/1507208789836 , "permissionLevel": "5", "children": [] "mae": "Reports 2", "options": ("selectable": "true"), "lastWoif ied": "1507208737619/1507284558000 1 [{"path": "1504078983622/15041722963300", "permissionLevel": "5", "children": [] "mae": "Reports 3", options": ("selectable": "true"), "lastWoif ied": "150720875780000", "type": "folder"), ("path": "1504078983622/150417229633000", "type": "folder"), ("path": "1507282737619/150728455200", "permissionLevel": "5", "children": [] "mae": "Reports 3", options": ("selectable": "true"), "lastWoif ied": "1507282537619/150728455200 ************************************	GET http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22All%22] Params Send Authorization Headers Body Pre-request Script Tests Type No Auth Image: Status: 200 OK Time: 76 ms Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 76 ms Pretty Raw Preview HTML Image: Status: 200 OK Time: 76 ms 1 [{"path::'1594078983622/.'permissionlevel':'5", "children":[{"path::'1594078983622/1594079799119", "permissionlevel':'5", "children":[], "name:''Reports2", "options:'(selectable': "true"), "lastModified": '15020000", "type: 'folder"), ("path':'1594078983622/159411344 1 [{"path::'1594078983622/1594172296380", "permissionlevel':'5", "children":[], "name:''Reports2", "options:'(selectable': "true"), "lastModified": '15020000", "type': 'folder'), "permissionlevel': '5", "children':[], "name:''Reports2", "options:'(selectable': 'true'), "lastModified": '1502028559000", "type'': 'folder'), ("path:''15028273619/15028273619/15028273619/15028273619/150282855000", "type'': 'folder'), "permissionlevel': '5", "children':[], "name': ''1502028559000', "type'': 'folder'), ("path:''150728559000', "type'': 'folder'), ("path:''150728559000', "type'': 'folder'), ("path:''150728559000', "type'': 'folder'), ("path:''150728559000', "type''': 'folder''', ("path''':150728559000', "type''': 'folder'', ("pa

3.2.2.2 Report

URL	getResources?extensions=[%22efw%22]
Description	Loads all the efw report resources i.e file system whichever is accessible to the logged in user. It will show you the all efw report resources related details like its subfolder , name ,fileType,permission etc.
Pre-requisite	User should have logged in before accessing the service. [Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_USER, ROLE_ADMIN
HTTP Request Method	GET,POST
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22efw%22] Access through Curl command :
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=[%22efw%22]" http://192.168.2.156:8085/hi-ee/getResources
Response Output(JSON	[{

Format)	"path": "1504078983622",				
	"permissionLevel": "5",				
	"children": [
	{				
	"path": "1504078983622/1504079799119",				
	"permissionLevel": "5",				
	"children": [],				
	"name": "BUGS CSV",				
	"options": {				
	"selectable": "true"				
	},				
	"lastModified": "1507200729000",				
	"type": "folder"				
	}				
]				
	}				
]				
Description of	The response returned is the JSON array of all efw report resources having the				
Response	different paths of the repository, its permission(<u>Click for more details</u>), name				
Output:	of the folder, lastmodified timestamp, type etc.				
-	It returns the children array which is the sub-folder/file of the path having all				
	details(name,type,title,path) related to children file/folder.				
	• PermissionLevel: This key have the permission of the resource for the				
	respective user.				
	• lastModified holds the timestamp information for the file/folder when it				
	was last modified/access.				
	path : Holds the physical name of the file/folder.				
	permissionLevel: Permission level of the folder <u>Click for more details</u>				
	children : Children array of directory				
	extension : Extension of the file				
	title: Title of the file				
	type : type as folder/file				
Service Status	200 OK				

Screenshot	http://192.168.2.156:8085/h http://192.168.2.156:8 Adh_DS_Create_3.3.1.20_Cr + **** GET http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22efw%22] Authorization Headers Body Pre-request Script Tests	QA Server Params Set	nd V Save V
	Type No Auth		
	Body Counces (1) Headers (7) Lesis Pretty Raw Preview HTML Image: Counces (1) Image: Co	799119","permissionLevel":"5", lder"),("path":"1504078983622/ html","path":"150407898362/ html","path":"150407898362/ stype="color:"file","title":"Bugs_5 stype="color:"file","title":"Bugs_5 stype="color:"file","title":"Bugs_5 stype="color:"file","title":"Select 2 stype="color:"file","select 2 Component","select 2 Component","select 2 Component","select 2 Component","select 2 Component","select 2 Component 2 Stype="color:"file","select 2 Stype="color:"file","select 2 Sys000","type:"folder"),"path":" "stype="color:"folder"),"path" ":"file","title":"file","true","sut ":"file","type:"folder"),"path";" ":"file","type:"folder"),"file","type:"folder"),"path";" ":"file","type:"folder"),"path";" ":"file","type:"folder"),"file","type:"folder"),"file","type:"file","	Children":[], "name" 1504161341829" 904161341829'67347882 ""67547822'226 atus", "absolutepath" ports2", "options" isionLevel":"5" '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '3-4315-8b2e '1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-

3.2.2.3 Saved Report

URL	getResources?extensions=[%22efwsr%22]	
Description	Loads all the saved report resources i.e file system whichever is accessible to the logged in user. It will show you the all efwsr/saved report resources related details like its subfolder , name ,fileType,permission etc.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.	
Accessible for	ROLE_USER, ROLE_ADMIN	
HTTP Request Method	GET,POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22efwsr%22]	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=[%22efwsr%22]" http://192.168.2.156:8085/hi-ee/getResources	
Response Output(JSON Format)	[{"path":"1501585888507","permissionLevel":"5","children":[{"path":"150158 5888507/1502447762911","permissionLevel":"5","children":[{"extension":"ef wsr","visible":"true","description":"alwaysAnewPage_1502457346899.efwsr",	

	"type":"file","title":"alwaysAnewPage","favourite":"false","absolutepath":"/ho me/helical/hi/hi- repository/1501585888507/1502447762911/alwaysAnewPage_150245734689 9.efwsr","path":"1501585888507/1502447762911/alwaysAnewPage_1502457 346899.efwsr","permissionLevel":"5","schedulingreference":"2","reportfile":"7 ae144b2-0361-4640-b985- b3d15da1f5b2.efw","reportdirectory":"1463377807724/1473687108420","nam e":"alwaysAnewPage_1502457346899.efwsr","options":{"selectable":"true"}," lastModified":"1502457346000"}]
Description of Response Output:	 The response returned is the JSON array of all efwsr report resources having the different paths of the repository , its permission(<u>Click for more details</u>) , name of the folder , lastmodified timestamp , type etc. It returns the children array which is the sub-folder/file of the path having all details(name,type,title,path) related to children file/folder. PermissionLevel: This key have the permission of the resource for the respective user. lastModified holds the timestamp information for the file/folder when it was last modified/access. path : Holds the physical name of the file/folder. permissionLevel: Permission level of the folder <u>Click for more details</u> children : Children array of directory extension : Extension of the file title : Title of the file title : Title of the file
Service Status	200 OK
Screenshot	GET http://192.168.2.156-8085/hi-ee/getResources?extensions=[%22efwsr%22] Params Send Save Authorization Headers Body Pre-request Script Tests Cookies C

3.2.2.4 Adhoc Report

Description	Loads all adhoc report resources i.e file system whichever is accessible to the logged in user.	
	It will show you the all adhoc report resources related details like its subfolder, name ,fileType,permission etc.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_USER, ROLE_ADMIN	
HTTP Request Method	GET,POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22report%22]	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=[%22report%22]" http://192.168.2.156:8085/hi-ee/getResources	
Response Output(JSON Format)	<pre>[</pre>	

	}			
Description of Response Output:	 The response returned is the JSON array of all adhoc rep the different paths of the repository , its permission(<u>Click</u> name of the folder , lastmodified timestamp , type etc. It returns the children array which is the sub-folder/file o details(name,type,title,path) related to children file/folde. PermissionLevel: This key have the permission of the respective user. lastModified holds the timestamp information for the was last modified/access. path : Holds the physical name of the file/folder. permissionLevel: Permission level of the folder <u>Click for children</u> : Children array of directory extension : Extension of the file type : type as folder/file lastModified timestamp of file. Etc. 	ort reso f the par r. e resourd file/fold or more	urces ha re detai th havin ce for th der whe <u>details</u>	Iving <u>ls</u>), lg all le n it
Service Status	200 OK			
Screenshot	GET http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22report%22] Authorization Headers: Body Pre-request Script Tests	Params	Send 🗸	Save Y
	Body Cookies (5) Headers (7) Tests Pretty Raw Preview HTML Image: Cookies (5) 1 [("path":"1504078983622","permissionLevel":"5", "children":[["path":"1504078983622/1504057999119", "p 1 [("path":"1504078983622","permissionLevel":"5", "children":[["path":"1504078983622/1504059799119", "p 1 [("path":"150407898362","permissionLevel":"5", "visible": "true", "matchodified":"1507200720000", "type":"file", "title": "Parent Report", "permissionLevel": "5", "visible": "true", "name:":"223017d-cf52-47fa-aleb-66cef3a990d0, r-eport", "lestHodified": "1504078983622/150401314829/223a17d-cf52-47fa-aleb-66cef3a909d0, report", "feas+dcf-86cef3a9606/d0, report", "restension": "report", "permissionLevel": "5", "visible": "true", "name:":"Simport: "file", "title": "Parent Report", "feas+dcf-86cef3a9606/d0, report", "restension": "report: "permissionLevel": "5", "visible": "true -675ec5660739.report:, "description:":"esterChil/hi-repository/1504078983622/150401314829/e937 .report:), "name:":"Reports:", "notifice": "1504078983622/15040132047309000", "type:":"ile", "title": "Parent Report: "1504078983622/150412280399/1663262 .report:), "name:":"Report:", "description:":"esterChil/hi-repository/1504072898302/150412829/150309000", "type:":"ile", "title":"Ts", "children": "1504078983622/150412829/150309000", "type:":"ile", "title", "1504078983622/150412829/150309000", "type:":"ile", "title", "title": "Parent Report:", "lostNotified": "1504078983622/150412829/150309/150412829/150309/150412829/150309/150412829/150309/150412829/150309/150412829/150309/150412829/150309/150412829/15031289/15031289/15031289/15031289/15031289/1503128	Status: 200 OK ermissionLevel" ath::150407898 -66ecf3309040 ;"absolutepath" 150407898362221 :30424575964 362b-f639-428f- pe":"folder"); -1ee7-4f55-bb4/ 7449904633.report", Tiol :".report"); (Todler"); (Todl	Time: 142 ms	Size: 35.83 KB

3.2.2.5 Dashboard Designer

URL	getResources?extensions=[%22efwdd%22]
Description	Loads all the dashboard resources i.e file system whichever is accessible to the logged in user. It will show you the all dashboard resources related details like its subfolder , name ,fileType,permission etc.
Pre-requisite	User should have logged in before accessing the service. [Refer login module]

	If the user is not logged in then you will get login page.	
Accessible for	ROLE_USER, ROLE_ADMIN	
HTTP Request Method	GET,POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22efwdd%22] Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=[%22efwdd%22]" http://192.168.2.156:8085/hi-ee/getResources	
Response Output(JSON Format)	<pre>[{ "path": "1507282737619", "permissionLevel": "5", "children": [{ "path": "1507282737619/1507284558001", "permissionLevel": "5", "children": [{ "path": "1507282737619/1507284558001/a4995068-ba44-468d- a91c-b9a5f849d851.efwdd", "permissionLevel": "5", "name": "a4995068-ba44-468d-a91c-b9a5f849d851.efwdd", "description": "Efw Dashboard Designer", "lastModified": "15072845444000", "type": "file", "title": "Sample Designer" }], "name": "Child Folder", "options": { "selectable": "true" }, "lastModified": "1507285959000", "type": "folder" }, "lastModified": "1507282737619/HelicalDemo", "upre: "folder", "options": { "selectable": "true" }, "lastModified": "1507285959000", "type": "folder" }, "lastModified": "1507284542000", "type": "folder" ; "permissionLevel": "2", "children": [], "name": "HelicalDemo", "lastModified": "1507284542000", "type": "folder" "lastModified": "150728454200</pre>	

Descriptions	<pre>}], "name": "Parent Folder", "options": { "selectable": "true" }, "lastModified": "1507531180000", "type": "folder" }]</pre>
Response	different paths of the repository, its permission(<u>Click for more details</u>), name
Output:	 of the folder , lastmodified timestamp , type etc. It returns the children array which is the sub-folder/file of the path having all details(name,type,title,path) related to children file/folder. PermissionLevel: This key have the permission of the resource for the respective user. lastModified holds the timestamp information for the file/folder when it was last modified/access. path : Holds the physical name of the file/folder. permissionLevel: Permission level of the folder <u>Click for more details</u> children : Children array of directory extension : Extension of the file title: Title of the file
Service Status	200 OK
Screenshot	GET V http://192.168.2.156:8085/hi-ee//getResources?extensions=[%22efwdd%22] Params Send V Save V
	Authorization Headers Body Pre-request Script Tests Cookies Code
	Type No Auth V
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 52 ms Size: 11.02 KB
	Pretty Raw Preview HTML V
	<pre>1 tpeum: isoew/0953024_"permissionLevel:'s', cniloren:[['petm:'iS0200729007; 'type'''folder'), ['petm:'iS0407893522/IS04161314829' "BUGS GSV, "options': ("selectable': "true"), "lastModified'': "IS0200729007; 'type'''folder'), ['petm':IS0407893522/IS04161314829' "permissionLevel''S'", "name'''6754632-2264-265-8066-35459494224-&fwdd', "description'': "Efw Dashboard Designer", "lastModified''''' "iS04245821000'', "type''''file'', "tile''''''''''''''''''''''''''''''''''''</pre>

3.2.2.6 Metadata

Description	Loads all the metadata resources i.e file system whichever is accessible to the logged in user. It will show you the all metadata resources related details like its subfolder ,	
	name ,fileType,permission etc.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_USER, ROLE_ADMIN	
HTTP Request Method	GET,POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22metadata%22]	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=[%22metadata%22]" http://192.168.2.156:8085/hi-ee/getResources	
Response Output(JSON Output)	<pre>[{ "path": "1504078983622", "permissionLevel": "5", "children": [{ "path": "1504078983622/b3ab922d-8c4c-4ea0-8b3c- 289104c8f553.metadata", "extension": "metadata", "permissionLevel": "5", "name": "b3ab922d-8c4c-4ea0-8b3c-289104c8f553.metadata", "description": "b3ab922d-8c4c-4ea0-8b3c-289104c8f553.metadata", "lastModified": "1504081596000", "type": "file", "title": "HI_EE_BUGS" "</pre>	
	<pre></pre>	
Description of Response Output:	The response returned is the JSON array of all metadata resources having the different paths of the repository, its permission(<u>Click for more details</u>), name of the folder, lastmodified timestamp, type etc.	

	It returns the children array which is the sub-folder/file of details(name,type,title,path) related to children file/folder.	the path havin	g all
	• PermissionLevel: This key have the permission of the respective user	resource for th	e
	 lastModified holds the timestamp information for the f was last modified/access 	ile/folder whe	n it
	path : Holds the physical name of the file/folder.		
	permissionLevel : Permission level of the folder <u>Click for</u> abild rep : Children error of directory	more details	
	extension : Extension of the file		
	title: Title of the file		
	type : type as folder/file Etc.		
Service Status	200 OK		
Screenshot	GET V http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22metadata%22]	Params Send	Save ~
	Authorization Headers Body Pre-request Script Tests		Cookies Code
	Type No Auth 🗸		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 80 ms	Size: 12.55 KB
	Pretty Raw Preview HTML V		ΠQ
	<pre>1 [["path":"15040/3958227,"permissionlevel":"5","Children":[["path":"1507200720806;"Lyo845/97/99119","perm "BUGS CSV","options":["selectable":"true","lastNodified":"1507200720806;"Lyope":"folder"),"pert "permissionlevel":"5", "Children":[],"name": "Reports2", "options":["selectable":"true","lastNodified": "file","tile":"NIEEEBUGS'),("path:"15072007208060;"Lyope":"folder"),"permissionlevel":"5","Children "file","tile:"NIEEEBUGS'),("path:"15072007200000;"Lyope":"folder"),"name:"HIEEDPD","option :"file","tile:"NIEEEBUGS'),("path:"15072007300000;"Lyope":"folder"),"name:"HIEEDPD","option :"file","tile:"NIEEEBUGS'),("path:"1507200730000;"Lyope":"folder"),","name:"HIEEDPD","option :"file","tile":"NIEEEDPD","option :"folder","folder",","folder",","folder","folder","folder"),","name:"file","tile","tile":"Sample Metadata"," ("escript -classion.eval":"5", "children":[["ath":"1507280530000;","type":"folder"),("path:"150728073000;","permissionlevel":"5","children :"feletadata","permissionlevel":"5", "name":"63732076-8e15-4602-beb7-e1261815a830.metadata","["escript -classions.metadata","lastNodified":"150728559000;","type":"folder"),("path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"1507282737619/HIE","folder"),["path:"150728217 "astNodified":"15071882800","type":"folder"),["path:"150728181900","permissionlevel":"5","folder "forue","13stNodified":"150728186000","type":"folder"),["path:"15072881842000","type:"folder"),["path:"15072881842000","type:"folder"),["path:"15072881842000","type:"folder"),["path:"15072881842000","type:"folder"),["path:"15072881842</pre>	<pre>iissionlevel:'b', "chldren" '"1504073083622/1504161341 led":'15072007308009","type": Missionlevel:'I'5", "name":'b astNodified":'16904081596000 is':(Selectable':'rtere")," '"150728737619/1507284558 L2618158830.metadata", "exter ion":'e3732576-8e15-4602-be name":'Chld Folder", "optic CalDemo", "permissionlevel": '' tof2493a1-78c6-44475-bada :''c7493a1-78c6-44475-bada :''c7493a1-78c6-44475-bada :'''c1der"),("path:''150719881 ''''c1der"),("path:'''' adata", "extension':''metadat 883-5c06-4677-a88e-bdfae71a"</pre>	:[],"name" 239" "folder"} 380922d-84c(","type" 380923d-84c(","type" 38001" 5

3.2.2.7 Result

URL	getResources?extensions=[%22result%22]	
Description	Loads all the result resources i.e file system whichever is accessible to the logged in user. It will show you the all result resources related details like its subfolder , name ,fileType,permission etc.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_USER, ROLE_ADMIN	
HTTP Request Method	GET,POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/getResources?extensions=[%22result%22]	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=[%22result%22]" http://192.168.2.156:8085/hi-ee/getResources	
Response Output(JSON Format)	[{"path":"1501585888507","permissionLevel":"5","children":[{"path":"150158 5888507/1502447762911","permissionLevel":"5","children":[{"path":"150158 5888507/1502447762911/1504244039446","permissionLevel":"5","children":[],"name":"Dashboard Test","options":{"selectable":"true"},"lastModified":"1506093251000","type": "folder"}],"name":"Tested Reports","options":{"selectable":"true"},"lastModified":"1506093253000","typ e":"folder"},{"path":"1501585888507/1501670047455","permissionLevel":"5" ,"children":[],"name":"HI Module Testing PreCondition","options":{"selectable":"true"},"lastModified":"1506317911000 ","type":"folder"}],"name":"AutomationTesting","options":{"selectable":"true" },"lastModified":"1506350827000","type":"folder"},{"path":"1506336430114" ,"permissionLevel":5","children":[],"name":"Test Created Folder","options":{"selectable":"true"},"lastModified":"1506336430000","type ":"folder"},{"path":"HelicalDemo","permissionLevel":"2","children":[],"name":"	
Description of Response Output:	The response returned is the JSON array of all result resources having the different paths of the repository, its permission(<u>Click for more details</u>), name of the folder, lastmodified timestamp, type etc. It returns the children array which is the sub-folder/file of the path having all details(name,type,title,path) related to children file/folder.	

	 PermissionLevel: This key have the permission of the resource for the respective user. lastModified holds the timestamp information for the file/folder when it was last modified/access. path : Holds the physical name of the file/folder. permissionLevel: Permission level of the folder <u>Click for more details</u> children : Children array of directory extension : Extension of the file title: Title of the file type : type as folder/file Etc.
Service Status	200 OK
Screenshot	GET http://192.168.2.156:8085/hi-ee/getResources?extensions=(%22result%22) Params Send Save Authorization Headers Body Pre-request Script Tests Cookies Cookies Type No Auth
	Body Cookies (5) Headers (7) Texts Status: 200 OK Time: 80 ms Status: 200 OK Time: 80

3.2.3 File Browser Empty Space

3.2.3.1 Create Empty space Folder

URL	fileSystemOperations.html	
Description	Creates the empty space folder in repository.	
	By default the name of empty space folder is New Folder.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN,ROLE_USER(Note: User should have write permission)	
HTTP Request	POST	
Method		
Example	Access through browser :	

	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html			
	Access through Curl command :			
	curldata "j_username=hiadmin&j_password=hiadmin&action=newFolder&folde rName=New Folder&sourceArray=["]" http://192.168.2.156:8085/hi- ee/fileSystemOperations.html -v			
HTTP Request Kev	HTTP Request Value	Description		
sourceArray:	[""]	The directory/file where the add folder action is performed		
action:	newFolder	Action as newFolder to create new older.		
folderName:	New Folder	By default for empty space folder New Folder as folderName is taken.		
Response Output (JSON format)	<pre>{ { "status":1,"response":{"message":"A new folder is created successfully"} } }</pre>			
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.			
Service Status	200 OK			
Screenshot	POST v http://192.168.2.156:8085/hi-ee/fileSystemOperations.html Params Send Save v Authorization Headers (1) Body • Pre-request Script Tests Cookes Cookes			
	Body Cookies (5) Headers (7) Tests Pretty Raw Preview HTML V	Status: 200 OK Time: 90 ms Sice: 383 B		
	<pre>i 1 {"status":1, "response":{"message":"A new folder is created</pre>	successfully"}}		
Post-action	ost-action After creation of empty space folder we can do folder rename, cut,paste,delete operations.			

3.3 File Browser :: Folder/File operations

3.3.1 Delete Folder/File

URL	fileSystemOperations.html				
Description	It allows user to delete the file/ folder if the user is permitted.				
Pre-requisite	User should have logged in before accessing the service. [Refer login module]				
	If the user is not logged in then you will get login page.				
Accessible for	ROLE_ADMIN, ROLE_USER(Note: User	should have delete permission)			
HTTP Request Method	POST				
Example	Access through browser :				
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html				
	Access through Curl command :				
	curldata "j_username=hiadmin&j_password=hiadmin&action=delete&sourceArray=['15 07548659227']" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v				
HTTP Request Key	HTTP Request Value	Description			
sourceArray:	[["1507548516919"]]	The directory/file where the delete action is performed			
action:	delete	File operation action type is delete			
Response Output(JSON Format)	<pre>{"status":1,"response":{"message":"Delete operation is successful"}}</pre>				
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message. The selected file /folder is permanently deleted form the system. This action is irreversible.				
Service Status	200 OK				

POST http://192.168.2.156.8085/hi-ee/fileSystemOperations.html Parameter Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw • binary sourceArray: ["1507548516919"] action: delete]	ns Send V Save V Cookies Code Key-Value Edit				
Body Cookies (5) Headers (7) Tests St	ttus: 200 OK Time: 73 ms Size: 377 B				
Pretty Raw Preview HTML V == i 1 {"status":1,"response":{"message":"Delete operation is successful"}}	<u></u>				
If the file/folder which you want to delete doesnot exists in that case you will get an error.					
POST V http://192.168.2.156:8085/hi-ee/fileSystemOperations.html Param	ns Send V Save V				
Pretty Raw Preview	ū				
Oops! An error has occurred. Please see your system administrator RETURN TO HOME RuntimelOException: Can't convert to JSON. The resource requested /home/helical/hi/hi-repository/					
	POST http://192.168.2.156.8085/hi-ee/fileSystemOperations.html Paran Authoritation Headers (1) Body @ Pre-request Script Tests # form-data *www-form-urlencoded @ raw ® binary sourceArray: [*1587548518919*]				

3.3.2 Rename Folder/File

URL	fileSystemOperations.html				
Description	It allows user to rename the file/folder if the user is permitted.				
Pre-requisite	User should have logged in before accessing the service. [Refer login module]				
	If the user is not logged in then you will get login page.				
Accessible for	ROLE_ADMIN, ROLE_USER(Note: User should have write permission)				
HTTP Request Method	POST				
Example	Access through browser :				
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html				
	Access mrough Curi command :				
	curldata "j_username=hiadmin&j_password=hiadmin&action=rename&sourceArray=[[' 1507551052264','ReportList']]" http://192.168.2.156:8085/hi- ee/fileSystemOperations.html -v				
HTTP Request Key	HTTP Request Value	Description			
sourceArray:	[["1507119430797/d305f1f5-5160- 4a6f-9c76- 78b489f007b1.report","Chart Report"]]	The directory/file where the rename is performed We need to set the path of file and the to which name you want to rename. Note : report path you will get it from rightclick->file/folder ->properties			
action:	rename	File operation action type is rename			
Response					
Output(JSON Format)	{ "status": 1, "Response": { "message": "Rename is successful" } }				
Output(JSON Format) Description of Response Output	<pre>{ "status": 1, "Response": { "message": "Rename is successful" } } The response of the API is , it returns returns 0 as the status. It returns response as the success mess</pre>	the success status value as 1 if it fails sage.			

Screenshot	POST V http://192.168.2.156:8085/hi-ee/fileSystemOperations.html	Params	end \vee	Save	~
	Authorization Headers (1) Body Pre-request Script Tests			Cookies C	ode
	◎ form-data ● x-www-form-urlencoded ◎ raw ◎ binary				
			ł	(ey-Value E	dit
	action:rename				
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 72 ms	Size: 367	в
	Pretty Raw Preview			Į	1
	{"status":1, "response": {"message": "Rename is successful"}}				
3.3.3 Create Folder

URL	fileSystemOperations.html		
Description	It allows user to create a new folder as per the requirement.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/fileSystemO	perations.html	
	A source through Court commond .	•	
	Access through Curi command :		
	curldata "j_username=hiadmin&j_password=hiadmin&action=rename&sourceArray=[[' 1507119430797','HI-EE']]" http://192.168.2.156:8085/hi- ee/fileSystemOperations.html -v		
HTTP Request Key	HTTP Request Value	Description	
sourceArray:	["1507119430797"]	The directory/file where new folder action is performed	
action:	newFolder	File operation action type is newFolder, ie a new folder is created	
folderName:	HI-EE The folder name		
Response Output(JSON Format)	<pre>{ "status": 1, "Response": { "message": "A new folder is created successfully" } }</pre>		



3.3.4 Paste operation

Note : The report having extension as .efwsr/saved reports and result files have the cut-paste options to move files.

UDI			
URL	fileSystemOperations.html		
Description	It allows user to perform moving a file operations. We can cut/paste the file.		
Accessible for	ROLE_ADMIN, ROLE_USER(Note: User should have write permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/	fileSystemOperations.html	
	Access through Curl command	1:	
	curldata "j_username=hiadmin&j_password=hiadmin&action=move&destination=150 7555523435&sourceArray=['1507119430797/TestScheduleReport_15071870 57716.efwsr']" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
HTTP Request Key	HTTP Request Value	Description	
destination:	1507555523435	The directory where paste operation is to be performed	
sourceArray:	["1507119430797/TestSchedule Report_1507187057716.efwsr"]	The file where to which cut action is performed	
action:	move File operation action type is move		
Response Output(JSON Format)	<pre>{ { "status": 1, "Response": { "message": "Moving is successful" } } }</pre>		

Description of Response Output	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message. In the backend the physical file is moved to different location as requested by the user		
Service Status	200 OK		
Screenshot	http://192.168.2.156.8085/r http://192.168.2.156: • + •••	QA Server V 💿	Ċ
	POST V http://192.168.2.156:8085/hi-ee/fileSystemOperations.html	Params Send Y Save	~
	Authorization Headers (1) Body Pre-request Script Tests	Cookies C	ode
	<pre>destination:1507555523435 sourceArray:["1607119430797/TestScheduleReport_1507187057716.efwsr"] action:move</pre>	Key-Value E	dit
	Body Cookies (5) Headers (7) Tests Pretty Raw Preview {"status":1,"response":{"message":"Moving is successful"}}	Status: 200 OK Time: 35 ms Size: 367	B

3.3.5 Import .crt file

Note : To take export of any report we need to open that report in new window then takes its export.

Need discussion regarding curl command

URL	importFile.html		
Description	It allows user to import .crt file in selected folder. .crt file is the export of report file which gt saved with .crt extension.		
Accessible for	ROLE_ADMIN, ROLE_USER(Note: Use	r should have write permission)	
HTTP Request Method	POST Note : For post method we need to select the form-data as body.		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/importFile	e.html	
	Access through Curl command :		
HTTP Request Kev	HTTP Request Value	Description	
destination:	1507554717873	Destination to import the file	
file:	Select the file to be import from your system.Select file for import and sure the the type of file ke should be the file only.		
Response Output(JSON Format)	{ "status":1,"response":{"message":"The import operation is successful"} }		
Description of Response Output	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message. In the backend the physical file is moved to different location as requested by the user		
Service Status	200 OK		

Screenshot	POST v http://192.168.2.156:8085/hi-ee/importFile.html Params Send V					
	Authorization Headers (I) Body ● Pre-request script Lests Cookies Code ● form-data ● xwww-form-urlencoded ● raw ● binary					
	Key	Value	Description	•• Bulk Edit		
	destination	1507554717873				
	Sector file	Choose Files hiadmin_1507556661904.crt				
	Newkey					
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 88 ms Size: 381 B					
	Pretty Raw Preview HTML V 🚍			ū Q.		
	<pre>i 1 {"status":1,"response":{"message":"The import</pre>	t operation is successful"}}				

3.4 EFW Report Operations

3.4.1 Open EFW Report

URL	getEFWSolution.html		
Description	It allows user to open the EFW report. To open the EFW report we required two parameters to be provided that is directory and file(which exists). If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in the	en you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_U	SER	
HTTP Request Method	10d POST,GET		
Example	Access through browser : http://192.168.2.156:8085/hi- ee/getEFWSolution.html?dir=1463377807724/1463377978248/Sample EFW Report&file=sample_report.efw Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/146 3377978248/Sample EFW Report&file=sample_report.efw" http://192.168.2.156:8085/hi-ee/getEFWSolution.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463377 978248/Sample EFW Report	The directory where the .efw file is present.	
file:	sample_report.efw	The efw file which we want to open.	

Response Output(html	
contents)	Here response is nothing but the report html contents.
	The EFW report will get opened.

Service Status	200 OK		
Screenshot	POST V http://192.168.2.156:8085/hi-ee/getEFWSolution.html Params	Send 🖂	Save ~
	Authorization Headers (1) Body Pre-request Script Tests		Cookies Code
	form-data form-urlencoded raw binary		
			Key-Value Edit
	Body Cookies (5) Headers (7) Tests Status: 200 C	K Time: 23 ms	Size: 3.85 KB
	Pretty Raw Preview		Ē
	Travel Expense Distribution Report		
	Select Month		

3.4.2 Open EFW Report in new window

URL	hi.html?dir=1463377807724/1463377978248/Sample EFW Report&file=sample_report.efw&mode=open		
Description	It allows user to open the EFW report in new window, it requires directory and filename(which exists). If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before	e accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	GET,POST		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463377978248/Sample EFW Report&file=sample_report.efw&mode=open Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14633779 78248/Sample EFW Report&file=sample_report.efw&mode=open" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463377978248 /Sample EFW Report	The directory where the .efw file is present.	
file:	sample_report.efw	The efw file which we want to open in new window.	
mode:	open Mode to open report in new window.		
Response Output(JSON Format)	Here response is nothing but the report html contents.		

Service Status	200 OK
----------------	--------

Screenshot	POST V http://192.168.2.156:8085/hi-ee/hi.html	Params	Send	Save ×
	Authorization Headers (1) Body Pre-request Script Tests			Cookies Code
	form-data form-urlencoded raw binary			
				Key-Value Edit
	dif:14633/00/724/14633/19/8246/Sample Erw Report file:sample_report.efw			
	Body Cookies (5) Headers (8) Tests	Status: 200 OK	Time: 28 m	s 5/26: 12.56 KB
	Pretty Raw Preview			Ū
	Sample EFW Re	0 1	Export	ව් Cache 🗸
	Travel Expense Distribution Report			
	Select Month:			

3.4.3 Delete EFW Report

URL	fileSystemOperations.html		
Description	It allows user to delete the EFW report.We need to pass the filename which you want to delete(which exists).If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before	accessing the service. [Refer login module]	
	If the user is not logged in then you w	ill get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(No	ote : User should have delete permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/file	eSystemOperations.html	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=['1507554717873/b 733747c-38d5-4d97-826b-a5cea1bc092f.efw']&action=delete" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v		
HTTP Request Key	HTTP Request Value	Description	
sourceArray:	["1507554717873/b733747c- 38d5-4d97-826b- a5cea1bc092f.efw"]sourceArray having the directory with fill name which we want to delete.		
action:	delete	Action name to perform the operation.	
Response Output(JSON Format)	{ "status":1, "response":{"message":"Delete operation is successful"} }		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.		
Service Status	200 OK		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/fileSystemOperations.html	Params	end 🗸	Save ~
	Authorization Headers (1) Body Pre-request Script Tests		0	Cookies Code
	◎ form-data ● x-www-form-urlencoded ● raw ● binary			
			к	ley-Value Edit
	sourcearray.[150/354/1/8/3/0/33/4/U-3003-400/-6260-43CealDC042/.01W] action: delete			
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 72 ms	Size: 377 B
	Pretty Raw Preview			Ū
	{"status":1, "response": {"message": "Delete operation is successful"}}			

3.4.4 Rename EFW Report

URL	fileSystemOperations.html	
Description	It allows user to rename the .efw file if the user is permitted.To rename .efw file we need to pass the filename with the name by which you want to rename.If the file/directory doesnot exists you will get an error.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note: V	User should have write permission)
HTTP Request Method	POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=[['1463377807724/ 1472805277364/dabe0f49-2da0-48db-9772- 6a51d2a5e322.efw',',SampleReport']]&action=rename'' http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v	
HTTP Request Key	HTTP Request Value	Description

sourceArray:	[["1463377807724/1472805277364/d abe0f49-2da0-48db-9772- 6a51d2a5e322.efw","SampleReport"]]	The directory/file where the rename is performed	
action:	rename	File operation action type is rename	
Response Output(JSON Format)	<pre>{"status": 1, "Response": { "message": "Rename is successful" } }</pre>		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.Renaming action takes place for the respective efw file.		
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee/fileSystemOperations.html Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw • binary	Params Send V Save V Cookies Code	
		Key-Value Edit	
	sourceArray:[["1463377867724/1472805277364/dabe0f49-2da0-48db-9772-6a51d2a5e322.efw","SampleReport"]] action:rename		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 52 ms Size: 367 B	
	Pretty Raw Preview	Ē	
	{"status":1,"response":{"message":"Rename is successful"}}		

3.4.5 Share EFW Report

URL	services
Description	It allows user to share the EFW report with any user/organisation/role. The EFW report will get share with provided user with permission. If the file/directory doesnot exists you will get an error.
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have share permission)
HTTP Request Method	POST
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee/services

	Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507555586816','file':'66aab884- 8971-4874-bc07- 5d6d465925c3.efw','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request Key	HTTP Request values	Description	
type:	core	Type of the operation.	
serviceType:	share	ServiceType as share .	
service:	update	Service to update the share information.	
formData:	{"type":"file","dir":"15075555868 16","file":"66aab884-8971-4874- bc07- 5d6d465925c3.efw","share":{"use r":[{"id":"109","permission":"4"}] }}	formData: getting pass to service tells the type of the file , its dir where the file is present and the file name and the share info which is nothing but the user ID(<u>To know</u> <u>ID of the user</u>) and the permission id (<u>Click</u> <u>here to check permissionID</u>) which we are going to set while sharing.	
Response Output(JSON Format)	{ "status":1, "response":{"message":"The selected file privileges are updated successfully."} }		
Service Status	200 OK		
Screenshot	POST v http://192.168.2.156.8085/hi-ee/services Params Send v Save v Authorization Headers (1) Body • Pre-request Script Tests Cookles Cookles		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 68 ms Size: 401 B	
	Pretty Raw Preview {"status":1,"response":{"message":"The selected file privileges are updated successfully."}}		

3.4.6 URL printing of EFW Report

Note : Printing of URL can be done in different file formats like pdf, png, jpeg, xls.

Below we are showing example for URL printing in pdf format.

URL	hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Report &file=sample_report.efw&print=pdf		
Description	It allows user to print the URL of EFW report in different printing formats.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you	will get login page.	
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	GET,POST		
Example	Access through browser : http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Rep ort&file=sample_report.efw&print=pdf Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14633 77978248/Sample%20EFW%20Report&file=sample_report.efw&print=pd		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463377978248 /Sample%20EFW%20Report	The directory where the efw report file is present.	
file:	sample_report.efw	The efw report file.	
print:	pdf	The print parameter as pdf for printing.	
		Note: Along with pdf printing png, jpeg,xls printing format is possible.	
Response Output(JSON Format)	Here response html contents of the requested report export .		

Service Status	200 OK
Screenshot	GET http://192.168.2.156:8085/hi-ee/hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Rep Params Send Save > Authorization Headers Body Pre-request Script Tests Cookies Cookies Cookies Cookies Cookies
	Type No Auth
	<pre>Pretry Raw Preview * IDOCTYPE html></pre>

3.4.7 Change Report parameters through URL for EFW Report

Note : This API's allows user to change the EFW report parameters through URL.Parameters differs according to report.

URL	hi.html?dir=HelicalDemo&file=demo.efw&TERRITORY=['APAC','Japan','EMEA']			
Description	It allows user to change the report parameters through URL.			
Pre-requisite	User should have logged in before accessing the service. [Refer login module]			
	If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN,ROLE_USE	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	GET,POST			
Example	Access through browser :			
	http://192.168.2.156:8085/hi- ee/hi.html?dir=HelicalDemo&file=demo.efw&TERRITORY=['APAC','Ja pan','EMEA'] Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=HelicalDemo&file=de mo.efw&TERRITORY=['APAC','Japan','EMEA']" http://192.168.2.156:8085/hi-ee/hi.html -v			
HTTP Request Key	HTTP Request Value	Description		
dir:	HelicalDemo	The directory where the EFW report file is present.		
file:	demo.efw	The efw report file.		
TERRITORY:	['APAC','Japan','EMEA']	Report parameters which differs from report to report. Here, TERRITORY is the reporr parameter name and ['APAC','Japan','EMEA'] are values of the parameter.		
Response				

Output(JSON Format)	Here response is the requested report html contents for requested parameters. 200 OK		
Service Status			
Screenshot	GET × http://192.168.2.156:8085/hi-ee/hi.html?dir=HelicalDemo&#ile=demo.efw&TERRTORY=[%27APAC%27, Params Send × Save × Authorization Headers (1) Body Pre-request Script Tests Cookies Cookies</td></tr></tbody></table>		

3.5 EFWSR Report Operations

3.5.1 Open EFWSR Report

URL	executeSavedReport.html		
Description	It allows user to open the EFWSR report which requires directory and name of the file(which exists). If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accesible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/executeSavedReport.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1507555523435&file=TestS cheduleReport_1507187057716.efwsr" http://192.168.2.156:8085/hi- ee/executeSavedReport.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1507555523435	The directory where the .efwsr file is present.	
file:	TestScheduleReport_1507187057 716.efwsr	The efwsr file which we want to open.	
Response Output(html)	Here response is nothing but the report html contents.Report get opened in new window.		
Service Status	200 OK		

Screenshot	GET V http://1 Authorization Headers (92.168.2.156.8085/hi-ee/executeSavedReport.html?dir=1507555523435&file=TestScheduleRe 1) Body Pre-request Script Tests	Params	Send Y	Save Cookies (Code
	Туре	No Auth 🗸				
	Body Cookies (5)	ieaders (8) Tests	Status: 200 OK	Time: 30 ms	Size: 8.56	кв
	Pretty Raw Previe	w			[D
	Envision	- Sales Dashboard				
	Parameters					
	67					
	Select a country:					

3.5.2 Open EFWSR Report in new window

URL	hi.html?dir=1507555523435&file= &mode=open	hi.html?dir=1507555523435&file=TestScheduleReport_1507187057716.efwsr &mode=open		
Description	It allows user to open the EFWSR report in new window. The EFWSR report will get opened in new window. If the file/directory doesnot exists you will get an error.			
Pre-requisite	User should have logged in before accessing the service. [Refer login module]			
	If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN, ROLE_USER			
HTTP Request Method	GET,POST			
Example	Access through browser :			
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1507555523435&file=TestScheduleReport_1507187057716.efw sr&mode=open			
	Access through Curl command :			
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1507555523435&file=TestS cheduleReport_1507187057716.efwsr&mode=open" http://192.168.2.156:8085/hi-ee/executeSavedReport.html -v			
HTTP Request Key	HTTP Request Value	Description		
dir:	1507555523435	The directory where the .efwsr file is present.		
file:	TestScheduleReport_1507187057 716.efwsr	The efwsr file which we want to open in new window.		
mode:	open	Set mode as open to open the report in new window.		
Response Output(HTM L)	Here response is nothing but the report html contents.			
Service Status	200 OK			

Saraanshat		
Screenshot	POST V http://192.168.2.156:8085/hi-ee/hi.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code
	💿 form-data 🔹 x-www-form-urlencoded 🛛 🔍 raw 🔍 binary	
		Key-Value Edit
	d1r:1507555523435 file:TestscheduleReport_1507187057716.efwsr mode:open	
	Body Cookies (5) Headers (8) Tests	Status: 200 OK Time: 277 ms Size: 16.91 KB
	Pretty Raw Preview	
	TestScheduleRe	🖸 📥 Export 🔊 Cache 🗸 🌰
	Envision - Sales Dashboard	

3.5.3 Delete EFWSR Report

URL	fileSystemOperations.html		
Description	It allows user to delete the EFWSR report. If the file/directory doesnot exists you will get an error		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you w	ill get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have delete permission)		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=['1507554717873/S ample Saved Report_1507285705609.efwsr']&action=delete" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.		
HTTP Request Key	HTTP Request Value	HTTP Request Value Description	
sourceArray:	["1507554717873/Sample Saved Report_1507285705609.efwsr"]	sourceArray having the directory with file name which we want to delete.	
action:	delete	Action name to perform the operation.	
Response Output(JSON Format)	{ "status":1, "response":{"message":"Delete operation is successful"} }		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.		

Service Status 200 OK	Service Status	200 OK

Screenshot	http://192.168.2.156:8085/fr http://192.168.2.156: http://192.168.2.156: http://192.168	QA Server	~	•
	POST V http://192.168.2.156:8085/hi-ee/fileSystemOperations.html	Params Ser	nd 🗸 Sa	ave 🗠
	Authorization Headers (1) Body Pre-request Script Tests		Coo	kies Code
	● form-data ● x-www-form-uriencoded ● raw ● binary			
			Key-	Value Edit
				h
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 67 ms S	ize: 377 B
	Pretty Raw Preview			Ū
	{"status":1,"response":{"message":"Delete operation is successful"}}			

3.5.4 Rename EFWSR Report

URL	fileSystemOperations.html		
Description	It allows user to rename the .efwsr file if the user is permitted.If the file/directory doesnot exists you will get an error		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will ge	t login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note: User should have write permission)		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=[['1507119430797/ TestScheduleReport_1507186015478.efwsr',',TestScheduleReport']]&action=re name" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v		
HTTP Request Key	HTTP Request Value	Description	
sourceArray:	[["1507119430797/TestScheduleRepo rt_1507186015478.efwsr","TestSched uleReport1"]]	The directory/file where the rename is performed	
action:	rename	File operation action type is rename	
Response Output(JSON Format)	<pre>{"status": 1, "Response": { "message": "Rename is successful" } }</pre>		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.Renaming action takes place for the respective file.		
Service Status	200 OK		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/fileSystemOperations.html	Params	Send 👻	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests			Cookies Code
	form-data x-www-form-urlencoded raw binary			Key-Value Edit
	sourceArray:[["1567119436797/TestScheduleReport_1567186615478.efwsr","TestScheduleReport"]] action:rename			
	Body Cookies (5) Headers (7) Tests	Status: 200 O	K Time: 1514 m	s Size: 367 B
	Pretty Raw Preview {"status":1,"response":{"message":"Rename is successful"}}			Ū

URL	services		
Description	It allows user to share the EFWSR report with any user/organisation/role. The EFWSR report will get share with provided user with permission. If the file/directory doesnot exists you will get an error		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have share permission)		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services		
	Access through Curl command :		
	avel data		
	"j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507119430797','file':'TestSchedule Report_1507186015478.efwsr','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request Key	HTTP Request values	Description	
type:	core	Type of the operation.	
serviceType:	share	ServiceType as share .	
service:	update	Service to update the share information.	
formData:	{"type":"file","dir":"15071194307 97","file":"TestScheduleReport_1 507186015478.efwsr","share":{"u ser":[{"id":"102","permission":"4" }]}}	formData: getting pass to service tells the type of the file , its dir where the file is present and the file name and the share info which is nothing but the user ID(<u>To know</u> <u>ID of the user</u>) and the permission id (<u>Click</u> <u>here to check permissionID</u>) which we are going to set while sharing.	

Response { Output(JSON "status":1, Format) "response":{"message":"The selected file privileges are updated successfully."	ł
---	---

Service Status	200 OK				
Screenshot	POST V http://192.168.2.156:8085/hi-ee/services	Params	end 🗠	Save	~
	Authorization Headers (1) Body Pre-request Script Tests		C	ookies	Code
	◎ form-data ● x-www-form-urlencoded ◎ raw ◎ binary				
			Ke	ey-Value	e Edit
	<pre>service:update formmata:{"type":"file","dir":"1507119430797","file":"TestScheduleReport_1507186015478.efwsr","share" [{"id":"102","permission":"4"}]}} Body Cookies (5) Headers (7) Tests</pre>	:{"user": Status: 200 OK	Time: 68 ms	Size: 4	// 101 B
	Pretty Raw Preview				Ū
	{"status":1,"response":{"message":"The selected file privileges are updated successfully."}}				

3.5.6 URL printing of EFWSR Report

Note : Printing of URL can be done in different file formats like pdf, png, jpeg, xls.

Below we are showing example for URL printing in pdf format.

URL	hi.html?dir=1463377807724/1472554245045&file=SavedReport_1472554 274862.efwsr&mode=open&print=pdf		
Description	It allows user to print the URL of EFWSR report in different printing formats.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you	will get login page.	
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	GET,POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1472554245045&file=SavedReport_1472 554274862.efwsr&mode=open&print=pdf Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14725 54245045&file=SavedReport_1472554274862.efwsr&mode=open&print=pdf" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1472554245045	The directory where the efwsr report file is present.	
file:	SavedReport_1472554274862.ef wsr	The efwsr report file.	
print:	pdf	The print parameter as pdf for printing.	
		Note: Along with pdf printing png, jpeg,xls printing format is possible.	
Response			

Output(JSON Format)	Here response html contents of the requested report export .
Service Status	200 OK
Screenshot	GET v http://192.168.2.156:8085/hi-ee/hi.html?dir=1463377807724/1472554245045&file=SavedReport_1472 Params Save v Authorization Headers (1) Body Pre-request Script Tests Cookes Cookes

3.5.7 Change Report parameters through URL for EFWSR Report

Note : This API's allows user to change the EFWSR report parameters through URL.Parameters differs according to report.
URL	hi.html?dir=1463377807724/1472554245045&file=Saved_Report_150953 1808014.efwsr&mode=open&TERRITORY=['APAC','Japan','EMEA']			
Description	It allows user to change the report parameters through URL.			
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN,ROLE_USER	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	GET,POST			
Example	Access through browser :			
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1472554245045&file=Saved_Report_150 9531808014.efwsr&mode=open&TERRITORY=['APAC','Japan','EMEA']			
	Access through Curl command :			
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14725 54245045&file=Saved_Report_1509531808014.efwsr&mode=open&TER RITORY=['APAC','Japan','EMEA']" http://192.168.2.156:8085/hi- ee/hi html -v			
HTTP Request Key	HTTP Request Value	Description		
dir:	1463377807724/1472554245045	The directory where the EFWSR report file is present.		
file:	Saved_Report_1509531808014. The efwsr report file. efwsr			
TERRITORY:	['APAC','Japan','EMEA'] Report parameters which differs from report to report. Here , TERRITORY is the report parameter name and ['APAC','Japan','EMEA'] are values of the parameter.			
Response Output(JSON Format)	Here response is the requested report html contents for requested parameters.			

Service Status 200 OK

Scroonshot		
Screenshot	GET http://192.168.2.156.8085/hi-ee/hi.html?dir=1463377807724/1472554245045&file=Saved_Report_150 Params Send Y	Save ~
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Co
	Type No Auth 🗸	
	Body Cookies (5) Headers (8) Tests Status: 200 OK Tame: 41 ms	Size: 17.11 KI
	Pretty Raw Preview	ſ
	<pre><!DOCTYPE html> </pre>	

3.6 Adhoc Report Operations

3.6.1 Open Adhoc Report

URL	hi.html		
Description	It allows user to open the adhoc report which requires directory and name of the file(which exists) with mode of file. If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accesible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST,GET		
Example	Access through browser :		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463378012748&file=94b8d841-bf01-4ff3- 8e9e-ac858ac8a52c.report&mode=dashboard		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/146337801 2748&file=94b8d841-bf01-4ff3-8e9e-ac858ac8a52c.report&mode=dashboard" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463378012748	The directory where the adhoc report file is present.	
file:	94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report	The adhoc report file which we want to open.	
mode:	dashboard	Mode of the file to open adhoc report .	
Response Output(html)	Here response is nothing but the report html contents.Report get opened in new window.		
Service Status	200 OK		

Screenshot	• POST >> http://192.168.2.	156:8085/hi-ee/hi.html	Params	Send Y Save Y	
	Кеу	Value	Description	•••• Bulk Edit	
	New key				
	Authorization Headers (1) Bo	Authorization Headers (1) Body • Pre-request Script Tests Cookies Code			
	🔍 form-data 🔎 x-www-form-urler	form-data form-data v-www-form-urlencoded raw binary			
				Key-Value Edit	
	file:94bdG41-bf01-4ff3-8e9e-ac mode:dashboard	858ac8a52c.report			
	Body Cookies (5) Headers (8) Tests	Status: 200 OK	Time: 77 ms Size: 15.84 KB	
	Pretty Raw Preview H				
	<pre>i 1 → <html class="hi-window mo
2 → <head>
3 <meta charset=" ut<br="">4 <meta http-equiv="<br"/>5 <meta http-equiv="</pre"/></html></pre>	de-dashboard"> f-8"> "X-UA-Compatible" content="IE=edge" /> 'cache-control' content='no-cache' />			

3.6.2 Open Adhoc Report in new window

URL	/hi.html?dir=1463377807724/1463378012748&file=94b8d841-bf01-4ff3-8e9e-ac858ac8a52c.report&mode=open		
Description	It allows user to open the adhoc report in new window which requires directory, file name and mode of file as parameters. If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	GET,POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463378012748&file=94b8d841-bf01-4ff3- 8e9e-ac858ac8a52c.report&mode=open Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/1463378012 748&file=94b8d841-bf01-4ff3-8e9e-ac858ac8a52c.report&mode=open" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463378012748	The directory where the .efwsr file is present.	
file:	94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report	The efwsr file which we want to open in new window.	
mode:	open Set mode as open to open the report in new window.		
Response Output(HTM L)	Here response is nothing but the report html contents.		
Service Status	200 OK		

Screenshot	POST >> http://192.168.2.156:80	085/hi-ee/hi.html	Params	Send V Save V	
	Newkey	Value	Description		
	Authorization Headers (1) Body •	Pre-request Script Tests		Cookies Code	
	form-data x-www-form-urlencoded	form-data * x-www-form-urlencoded raw binary			
				Key-Value Edit	
	file:9408d841-bf01-4ff3-889e-ac858ac mode:open	8a52c.report			
	Body Cookies (5) Headers (8)	Tests	Status: 200 OK	Time: 95 ms Size: 18.15 KB	
	Pretty Raw Preview HTML	~ 🚍		Ē Q.	
	<pre>i 1 - <html class="hi-window mode-op
2 <</td><td>en"> -Compatible" content="IE=edge" /> e-control' content='no-cache' /></html></pre>				

URL	services		
Description	It allows user to delete the adhoc report, we need to pass file name which you want to delete. If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(No	te : User should have delete permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/ser	vices	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report &service=deleteReport&formData={'location':'1507554717873','reportFileNam e':'c60d9ef9-8634-48c0-a7b0-50d70357b5b8.report'}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request	HTTP Request Value Description		
Key	III II Request Value	Description	
type:	adhoc	Type as adhoc report type.	
type: serviceType:	adhoc report	Type as adhoc report type. Servicetype as report	
key type: serviceType: service:	adhoc report deleteReport	Type as adhoc report type. Servicetype as report Service to delete report.	
key type: serviceType: service: formData:	adhoc report deleteReport {"location":"1507554717873","rep ortFileName":"c60d9ef9-8634- 48c0-a7b0- 50d70357b5b8.report"}	Type as adhoc report type. Servicetype as report Service to delete report. Formdata having location of file , file to delete.	
Intra Request Key type: serviceType: service: formData: Response Output(JSON Format)	adhoc report deleteReport {"location":"1507554717873","rep ortFileName":"c60d9ef9-8634- 48c0-a7b0- 50d70357b5b8.report"} { "status":1,"response":{"message }	Type as adhoc report type. Servicetype as report Service to delete report. Formdata having location of file , file to delete. e":"File deleted successfully."}	
Keytype:serviceType:service:formData:Response Output(JSON Format)Description of Response Output:	adhoc report deleteReport {"location":"1507554717873","rep ortFileName":"c60d9ef9-8634- 48c0-a7b0- 50d70357b5b8.report"} { "status":1,"response":{"message } The response of the API is , it return returns 0 as the status. It returns response as the success m	Description Type as adhoc report type. Servicetype as report Service to delete report. Formdata having location of file , file to delete. e":"File deleted successfully."} ns the success status value as 1 if it fails essage.	

Screenshot	POST V http://192.168.2.156:8085/h	i-ee/services	Params	end 💙 Save 🗡	
	Кеу	Value	Description	*** Bulk Edit	
	New key				
	Authorization Headers (1) Body •	Pre-request Script Tests		Cookies Code	
	form-data • x-www-form-urlencoded	form-data form-data x-www-form-urlencoded raw binary			
				Key-Value Edit	
	type:adhoc serviceType:report service:deleteReport formData:{"location":"1507554717873","re	eportFileName":"c60d9ef9-8634-48c	0-a7b0-50d70357b5b8.report"}		
	Body Cookies (5) Headers (7) Test	s	Status: 200 OK	7 Time: 29 ms Size: 373 B	
	Pretty Raw Preview			Ō	
	{"status":1,"response":{"message":"File de	leted successfully."}}			

3.6.4 Rename adhoc Report

URL	fileSystemOperations.html		
Description	It allows user to rename the adhoc report file if the user is permitted.We need to pass the filename with the name by which you wan to rename.If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will ge	t login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note:)	User should have write permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=[['1507554717873/ 29d4282b-ae23-4acf-add4-9747f0d04e20.report',',TestFilter']]&action=rename" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v		
HTTP Request Key	HTTP Request Value	Description	
sourceArray:	[["1507554717873/29d4282b-ae23-	The directory/file where the rename is	

	4acf-add4- 9747f0d04e20.report","TestFi	performed [ter"]]	
action:	rename	File operatio	n action type is rename
Response Output(JSON Format)	<pre>{"status": 1, "Response": { "message": "Rename is successful" } }</pre>		
Description of Response Output:	The response of the API is , it returns 0 as the status. It returns response as the succe respective file.	returns the success sta	tus value as 1 if it fails
Service Status	200 OK		
Screenshot	POST V http://192.168.2.156:8085/hi-ee/fileSystem	Operations.html	Params Send 💙 Save 🗠
	Key	alue	Description •••• Bulk Edit
	New Key		
	Authorization Headers (1) Body • Pre-request Sc	ript Tests	Cookies Code
	form-data • x-www-form-urlencoded raw bi	nary	
			Key-Value Edit
action: rename			
	Body Cookies (5) Headers (7) Tests		Status: 200 OK Time: 20 ms Size: 367 B
	Pretty Raw Preview		Ū
	{"status":1,"response":{"message":"Rename is successf	ul"}}	

3.6.5 Share adhoc Report

URL	services		
Description	It allows user to share the adhoc report with any user/organisation/role. The adhoc report will get share with provided user with permission. If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(No	te : User should have share permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/ser	vices	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507554717873','file':'29d4282b- ae23-4acf-add4- 9747f0d04e20.report','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request Key	HTTP Request values	Description	
type:	core	Type of the operation.	
serviceType:	share ServiceType as share .		
service:	update	Service to update the share information.	
formData:	{"type":"file","dir":"15075547178 73","file":"29d4282b-ae23-4acf- add4- 9747f0d04e20.report","share":{"us er":[{"id":"102","permission":"4"}]}}	formData: getting pass to service tells the type of the file , its dir where the file is present and the file name and the share info which is nothing but the user ID(<u>To know</u> <u>ID of the user</u>) and the permission id (<u>Click</u> <u>here to check permissionID</u>) which we are going to set while sharing.	

Response	{
Output(JSON	"status":1,

Format)	"response":{"message":"The selected file privileges are updat }	ted suc	cessfu	ılly.'	"}
Service Status	200 OK				
Screenshot	POST http://192.168.2.156:8085/hi-ee/services Para Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw binary type:core serviceType:share serviceType:share serviceType::mfile", "dir": "1507554717873", "file": "29d4282b-ae23-4acf-add4-9747f0d04e20.report", "share' [("id":"102", "permission": "4")]}	ms St	end Y	Save Cookies Key-Value	Code
	Body Cookles (5) Headers (7) Tests S	tatus: 200 OK	Time: 76 ms	Size: 40	01 B
	Pretty Raw Preview HTML V			Ē	Q
	<pre>i 1 {"status":1,"response":{"message":"The selected file privileges are updated successfully."}}</pre>				

URL	/services	
Description	It allows user to edit the adhoc report where we can do the changes to existing report .If the file/directory doesnot exists you will get an error.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have delete permission)	
HTTP Request Method	POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata	

	"j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report &service=getReportForEdit&formData={'dir':'1504078983622','file':'e9e602b5- 5fb9-4f6c-b898-523874214953.report'}" http://192.168.2.156:8085/hi- ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	adhoc	Type as adhoc report type.	
serviceType:	report	Servicetype as report	
service:	getReportForEdit	Service to edit report.	
formData:	{"dir":"1504078983622","file":"e9 e602b5-5fb9-4f6c-b898- 523874214953.report"}	Formdata having location of file and filename.	
Response Output(JSON Format)	<pre>{"status":1,"response": { Response data with requested repor etc. } }</pre>	t details like columns , filters,metadata used	
Description of Response Output:	The response of the API is , it return returns 0 as the status. It returns response as the requested	ns the success status value as 1 if it fails report details.	
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee//services Authorization Headers (1) Body Pre-request Script Test Image: Service state of the service of the service state of the service state of the service state of the service state of the service of the servi	Is Cookies Code Save × Is Cookies Code Key-Value Edit 8988-523874214953.report"}	
	Pretty Raw Preview HTML ✓ ⇒ ,("column": "HT_EE_Bugs_List.HI-EE-DPD.SMo", "label": "HI- lang.Float"), "autogen_alias: "sum_SMo", "aggregate": ["dat600ree"; "dia", "metadataFileName": "b380220-86c4-96c4- "dat630ree"; "dia": "lo2", "type": "g30.calcite", "basery; -280194c87553", "metadataFileName"; "b380220-86c4-96c4- ("alias": "SNO", "defaultFunction": "db.generic.garegate "BugBescription", "defaultFunction": "db.generic.garegate "BugBescription", "defaultFunction": "db.generic.garegate generic.groupBy.group", "type"; ("java.lang.String": "type")	<pre>EE-DPD_SNo", "id":"vi37rc04t1", "type":("dataType":"numeric", "backendDatatype":"java b.generic.aggregate.sum"]}}, "reportName":"CustomFilter", "metadata":("location" =803c-280104c87553.metadata", 'diata":("classIfier":"do.calcite", "name":"" ="sql.calcite", 'dia'::160407893632', "nailaget": "bab220-864c-4ea0-803c ddr:"ef95780-4046-4261-b4ad-970b016da721", "alias":"HI-EE-DPD", "columns";("SNO" sum", "type":("java.lang.String":"text")}, "Module":("alias":"Module" group", "type":("java.lang.String":"text")}, "Module":("alias":"Module" group", "type":("java.lang.String":"defaultFunction":"db generic.group8y.group"</pre>	

3.6.7 URL printing of Adhoc Report

Note : Printing of URL can be done in different file formats like pdf, png, jpeg, xls. Below we are showing example for URL printing in pdf format.

URL	hi.html?dir=1463377807724/1463378012748&file=94b8d841-bf01-4ff3- 8e9e-ac858ac8a52c.report&mode=open&print=pdf		
Description	It allows user to print the URL of adhoc report in different printing formats.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you	will get login page.	
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	GET,POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463378012748&file=94b8d841-bf01- 4ff3-8e9e-ac858ac8a52c.report&mode=open&print=pdf Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14633 78012748&file=94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report&mode=open&print=pdf" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463378012748	The directory where the adhoc report file is present.	
file:	94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report	The adhoc report file.	
print:	pdf	The print parameter as pdf for printing.	
		Note: Along with pdf printing png, jpeg,xls printing format is possible.	
Response Output(JSON Format)	Here response html contents of th	e requested report export .	
Service Status	200 OK		

Screenshot	GET http://192.168.2.156:8085/hi-ee/hi.html?dir=1463377807724/1463378012748&file=94b8d841-bf01-4ff Authorization Headers (1) Body Pre-request Script Tests	Params	Send 🗸	Save × Cookies Code
	Type No Auth 🗸			
	Body Cookies (5) Headers (8) Tests	Status: 200 OK	Time: 32 ms	Size: 18.43 KB
	Pretty Raw Preview			Ū
	<pre><html class="hi-window mode-open"></html></pre>	, ese"/>		
	-liak data alann-UtrunU -ral-UrtularbaatU braf-Uktru//409 420 9 422/0002/ki aa/fanta/aunatrial/a	unstrial cos		

3.6.8 Change Report parameters through URL for adhoc Report

Note : This API's allows user to change the adhoc report parameters through URL.Parameters differs according to report.

URL	hi.html?dir=1509459628507&file=133c64c0-572b-4bc5-be34- dd27d324cfb2.report&mode=open&EMPLOYEE_DETAILS_ADDRESS =Delhi		
Description	It allows user to change the report parameters through URL.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you	will get login page.	
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	GET,POST		
Example	Access through browser : http://192.168.2.156:8085/hi- ee/hi.html?dir=1509459628507&file=133c64c0-572b-4bc5-be34- dd27d324cfb2.report&mode=open&EMPLOYEE_DETAILS_ADDRESS =Delhi Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1509459628507&file=1 33c64c0-572b-4bc5-be34- dd27d324cfb2.report&mode=open&EMPLOYEE_DETAILS_ADDRESS =Delhi" http://192_168_2_156:8085/hi-ee/hi html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1509459628507	The directory where the adhoc report file is present.	
file:	133c64c0-572b-4bc5-be34- dd27d324cfb2.report	The adhoc report file.	

EMPLOYEE_DE TAILS_ADDRE SS:	Delhi	Report parameters which differs from report to report. Here , EMPLOYEE_DETAILS_ADDRESS is the report parameter name and Delhi is the value of the parameter.	
Response Output(JSON Format)	Here response is the requested rep parameters.	port html contents for requested	
Service Status	200 OK		
Screenshot	GET http://192.168.2.156:8085/hi-ee/hi.html?dir=1509459628 Authorization Headers (1) Body Type No Auth Body Cookles (5) Headers (8)	507&file=133c64c0-572b-4bc5-be34-dd27d32 Params Send V Save V Cookies Code	
	Pretty Raw Preview <html class="hi-window mode-open"> <head> <meta content="IE=edge" http-equiv="x-uA-compatible"/> <meta content="no-cache" http-equiv="cache-control"/> <meta content="no-cache" http-equiv="cache-control"/> <meta content="no-cache" name="decorator"/> <meta content="no-cache" name="viewport"/> <meta content="no-cache" name="decorator"/> <meta :rel"<="" content="no" name="decorator" td=""/> <meta clone="true" rel="stylesheet" href="http://32.sis</td> <meta clone="true" rel="stylesheet" href="http://32.sis</td> <meta clone="true" rel="stylesheet" href="http://33</td> <meta clone="true" rel="stylesheet" href="http://33</td> <meta clone="true" rel="stylesheet" href="http://33</td> <meta clone="true" rel="stylesheet" href="http://33</td> </head></html>	<pre>Image: Image: Imag</pre>	

3.6.9 Apply Filter on Adhoc Report

3.7 EFWDD Report Operations

3.7.1 Delete EFWDD Report

URL	services		
Description	It allows user to delete the EFWDD want to delete. If the file/directory d	It allows user to delete the EFWDD report, we need to pass file name which you want to delete. If the file/directory doesnot exists you will get an error.	
Pre-requisite	User should have logged in before a	Jser should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(No	te : User should have delete permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/ser	vices	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceType=ef wdd&service=delete&formData={'dir':'1507554717873','file':'a44ecb58-692d- 4d39-b876-71be55b75f76.efwdd'}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	dashboard	Type as dashboard type.	
serviceType:	efwdd	Servicetype as efwdd	
service:	delete	Service to delete report.	
formData:	{"dir":"1507554717873","file":"a4 4ecb58-692d-4d39-b876- 71be55b75f76.efwdd"}	"a4 Formdata having location of file, file to delete.	
Response Output(JSON Format)	{ "status":1,"response":{"message":"The requested file is deleted successfully."} }		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.		
Service Status	00 OK		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services	Params Send	Save ~
	Authorization Headers (1) Body Pre-request Script Tests		Cookies Code
	◎ form-data • x-www-form-urlencoded ◎ raw ◎ binary		
			Key-Value Edit
	type:dashboard serviceType:eFwdd service:delete formData:{"dir":"1507554717873","file":"a44ecb58-692d-4d39-b876-71be55b75f76.efwdd"}		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Tim	e: 48 ms Size: 389 B
	Pretty Raw Preview		ū
	{"status":1,"response":{"message":"The requested file is deleted successfully"}}		

3.7.2 Share EFWDD Report

URL	services
Description	It allows user to share the EFWDD report with any user/organisation/role. The EFWDD report will get share with provided user with permission. If the file/directory doesnot exists you will get an error.
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have share permission)
HTTP Request Method	POST

Example	Access through browser :
	http://192.168.2.156:8085/hi-ee/services
	Access through Curl command :
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507554717873','file':'a44ecb58- 692d-4d39-b876-

	71be55b75f76.efwdd','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request Key	HTTP Request values	Description	
type:	core	Type of the operation.	
serviceType:	share ServiceType as share .		
service:	update Service to update the share information		
formData:	<pre>{"type":"file","dir":"15075547178 73","file":"a44ecb58-692d-4d39- b876- 71be55b75f76.efwdd","share":{"u ser":[{"id":"102","permission":"4" }]}</pre> formData: getting pass to service tells th type of the file, its dir where the file is present and the file name and the share which is nothing but the user ID(To know ID of the user) and the permission id (C here to check permissionID) which we going to set while sharing.		
Response Output(JSON Format)	{ "status":1, "response":{"message":"The selected file privileges are updated successfully."} }		
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee/services Authorization Headers (1) Body • Pre-request Script Tes Image: Service of the se	Params Send V Save V	
	Kej serviceType:share service:update formoata:{"type""file","dir":"1507554717873","file":"a44ecb58-602d-4d39-b876-71be55b75f76.efwdd","share":{"user": [{"id":"102","permission":"4"}]}		
	Body Cookies (5) Headers (7) Tests	5 Status: 200 OK Time: 34 ms Size: 401 B	
	Pretty Raw Preview {"status":1,"response":{"message":"The selected file privileges are	e updated successfully."}}	

URL	fileSystemOperations.html		
Description	It allows user to rename the EFWDD report file if the user is permitted.We need to pass the filename with the name by which you wan to rename.If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before acce	essing the service. [Refer login module]	
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(Note: User should have write permission)		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=[['1507554717873/ a44ecb58-692d-4d39-b876- 71be55b75f76.efwdd',',SampleDashboard']]&action=rename" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v		
HTTP Request Key	HTTP Request Value	Description	
sourceArray:	[["1507554717873/a44ecb58-692d- 4d39-b876- 71be55b75f76.efwdd","SampleDashb oard"]]	The directory/file where the rename is performed	
action:	rename	File operation action type is rename	
Response Output(JSON Format)	<pre>{"status": 1, "Response": { "message": "Rename is successful" } }</pre>		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.Renaming action takes place for the respective file.		
Service Status	200 OK		

Screenshot	POST 🗸	http://192.168.2.156:8085/hi-ee/fileSyste	emOperations.html	Para	rams Sen	d V	Save ~
	Key		Value	Description			Bulk Edit
	Authorization	Headers (1) Body Pre-request	Script Tests			(Zookies Code
	🔘 form-data 🔰	x-www-form-urlencoded 🔘 raw 🔘	binary				
						K	ley-Value Edit
	Body Cookies	(5) Headers (7) Tests		5	Status: 200 OK	Time: 36 ms	Size: 367 B
	Pretty Raw	Preview	e 1933				Ū
	i status :1,"resp	oonse .{ message : Kename is succes	sim }}				

URL	/services		
Description	It allows user to edit the dashboard/EFWDD report where we can do the changes to existing dashboard/efwdd report .If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before a	accessing the service. [Refer login module]	
	If the user is not logged in then you wi	ill get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have delete permission)		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//services		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceType=ef wdd&service=fetch&formData={'dir':'1507282737619/1507284558001','file':'a4 995068-ba44-468d-a91c-b9a5f849d851.efwdd'}" http://192.168.2.156:8085/hi- ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	dashboard	Type as dashboard report type.	
serviceType:	efwdd	Servicetype as efwdd	
service:	fetch	Service to edit report.	
formData:	{"dir":"1507282737619/15072845 58001","file":"a4995068-ba44- 468d-a91c-b9a5f849d851.efwdd"}	Formdata having location of file and filename.	
Response Output(JSON Format)	<pre>{"status":1,"response": { Response data with dashboard details like variables, components ,metadata used etc. } }</pre>		
Description of Response Output:	The response of the API is , it returner returns 0 as the status. It returns response as the dashboard	ns the success status value as $\overline{1}$ if it fails	

Service Status	200 OK
----------------	--------

	Authorization Headers (1) Body Pre-request Script Tests			Cookies Code
	type:dashboard serviceType:efwdd service:fetch formData:{"dir":"1507282737619/1507284558001","file":"a4995068-ba44-468d-a91c-b9a5f849d851.ef	fwdd"}		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 80 ms	Size: 831 B
	Body Cookies (5) Headers (7) Tests Pretty Raw Preview HTML ✓ ⇒	Status: 200 OK	Time: 80 ms	Size: 831 B

3.8 Result Operations

3.8.1 Delete Result Report

URL	fileSystemOperations.html	fileSystemOperations.html	
Description	It allows user to delete the result rep want to delete.If the file/directory d	port, we need to pass file name which you oesnot exists you will get an error.	
Pre-requisite	User should have logged in before a	accessing the service.[Refer login module]	
	If the user is not logged in then you wi	ll get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have delete permission)		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&action=delete&sourceArray=['15 07282737619/1507284558001/hiadmin_null_Sample EFW Dashboard_1507285950727.result']" http://192.168.2.156:8085/hi- ee/fileSystemOperations.html -v		
HTTP Request Key	HTTP Request Value	Description	
sourceArray:	["1507282737619/1507284558001 /hiadmin_null_Sample EFW Dashboard_1507285950727.result "]	sourceArray of result file	
action:	delete	Service to delete report.	
Response Output(JSON Format)	{ "status":1,"response":{"message":"Delete operation is successful."} }		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.		
Service Status	200 OK		

Screensnot	POST V http://192.168.2.156:8085/hi-ee/fileSystemOperations.html		Params	iend 🗡 Save 🗡
	Key	Value	Description	••• Bulk Edit
	New key			
	Authorization Headers (1) Body	Pre-request Script Tests		Cookies Code
	● form-data ● x-www-form-urlencoded ● raw ● binary			
				Key-Value Edit
	Body Cookies (5) Headers (7)	Tests	Status: 200 OK	Time: 91 ms Size: 377 B
	Pretty Raw Preview {"status":1,"response":{"message":"D	Delete operation is successful"}}		Ū

3.8.2 Share Result Report

URL	services
Description	It allows user to share the result report with any user/organisation/role. The esult report will get share with provided user with permission. If the file/directory doesnot exists you will get an error.
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have share permission)
HTTP Request Method	POST
Example	Access through browser :
---------	--
	http://192.168.2.156:8085/hi-ee/services
	Access through Curl command :
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507282737619/1507284558001','fil

	e':'hiadmin_null_Sample EFW Dashboard_1507285950727.result','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v	
HTTP Request Key	HTTP Request values	Description
type:	core	Type of the operation.
serviceType:	share	ServiceType as share .
service:	update	Service to update the share information.
formData:	{"type":"file","dir":"15072827376 19/1507284558001","file":"hiadmi n_null_Sample EFW Dashboard_1507285950727.result ","share":{"user":[{"id":"102","per mission":"4"}]} formData: getting pass to service to type of the file , its dir where the fi present and the file name and the si which is nothing but the user ID(To ID of the user) and the permission here to check permissionID) which going to set while sharing.	
Response Output(JSON Format)	{ "status":1, "response":{"message":"The selecte }	ed file privileges are updated successfully."}
Service Status	200 OK	
Screenshot	POST http://192.168.2.156:8085/hi-ee/services Authorization Headers (1) Body Pre-request Script Tes Image: Service Type: Share service Type: Share service Type: Share Service Type: Share Service Type: Share service Type: "Iffle", "dir": "1507282737619/1507284558001", {"user": [{"102", "permission": "4"]]} Data Cashing 150 Under C0 Ten	Params Send Save IS Cookles Code If ile": "hiadmin_null_Sample EFW Dashboard_1507285950727.result", "share": Status: 200 OK Time: 77 ma Size: 401 B
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: // ms Size: 401 B
	<pre>i 1 {"status":1,"response":{"message":"The selected file privil</pre>	eges are updated successfully."}}

3.8.3 Rename Result Report

URL	fileSystemOperations.html		
Description	It allows user to rename the result report file if the user is permitted.We need to pass the filename with the name by which you wan to rename.If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will ge	t login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note:)	User should have write permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/fileSys	temOperations.html	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=[['1507282737619/ 1507284558001/hiadmin_null_Sample EFW Dashboard_1507285950727.result',',Sample Result1']]&action=rename" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v		
HTTP Request Key	HTTP Request Value	Description	
sourceArray:	[["1507282737619/1507284558001/hi admin_null_Sample EFW Dashboard_1507285950727.result","S ample Result1"]]	The directory/file where the rename is performed	
action:	rename	File operation action type is rename	
Response Output(JSON Format)	<pre>{"status": 1, "Response": { "message": "Rename is successful" } }</pre>		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.Renaming action takes place for the respective file.		
Service Status	200 OK		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/fileSys	itemOperations.html	Params Send	✓ Save ✓
	Key	Value	Description	••• Bulk Edit
	New key			
	Authorization Headers (1) Body Pre-reques	t Script Tests		Cookies Code
	🔍 form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍	binary		
				Key-Value Edit
	Body Cookies (5) Headers (7) Tests		Status: 200 OK Time: \$	ر 56 ms Size: 367 B
	Pretty Raw Preview {"status":1,"response":{"message":"Rename is succe	ssful"}}		Ū

3.9 MetaData Operations

URL	services	
Description	It allows user to delete the metdata, we need to pass file name which you want to delete.If the file/directory doesnot exists you will get an error.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have delete permission)	
HTTP Request Method	POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/services	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=metad ata&service=delete&formData={'dir':'1507554717873','file':'d8b7716f-bf94- 4340-91c7-ea7d467baeb0.metadata'}" http://192.168.2.156:8085/hi-ee/services -	

	v		
HTTP Request Key	HTTP Request Value	Description	
type:	adhoc	Type as adhoc report type.	
serviceType:	metadata	Servicetype as metdata	
service:	delete	Service to delete report.	
formData:	{"location":"1507554717873","me tadataFileName":"d8b7716f-bf94- 4340-91c7- ea7d467baeb0.metadata"}	Formdata having location of file, file to delete.	
Response Output(JSON Format)	{ "status":1,"response":{"message":"Metadata deleted successfully"} }		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.		
Service Status	200 OK		
Screenshot	POST ∨ http://192.168.2.156:8085/hi-ee/services Authorization Headers (1) Body ● Pre-request Script Test ● form-data ● x-www-form-unlencoded ● raw ● binary type : adhoc service:rype:metadata service:delete formparts (2) locations": "1507554717873" "metadataFileName": "dahi	Params Send V Save V 3 Cookies Code Key-Value Edit 7716fbf94.4340-9107-ea7(d67baebo.metadata")	
	Body Cookies (5) Headers (7) Tests Pretty Raw Preview {"status":1,"response":{"message":"Metadata deleted successfully"	(120)-0134-4540-9107-047045704000.mer.audatā-} Status: 200 OK Tīme: 170 ms Size: 376 8	

3.9.2 Share Metadata

URL	services		
Description	It allows user to share the metadata with any user/organisation/role. The metadata will get share with provided user with permission. If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before a	accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(No	te : User should have share permission)	
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/ser	vices	
	Access through Curl command :		
	curl data		
	"j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507554717873','file':'d8b7716f- bf94-4340-91c7- ea7d467baeb0.metadata','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request Key	HTTP Request values Description		
type:	core	Type of the operation.	
serviceType:	share	ServiceType as share .	
service:	update	Service to update the share information.	
formData:	<pre>{"type":"file","dir":"15075547178 73","file":"d8b7716f-bf94-4340- 91c7- ea7d467baeb0.metadata","share":{ "user":[{"id":"102","permission":" 4"}]}}</pre>	formData: getting pass to service tells the type of the file , its dir where the file is present and the file name and the share info which is nothing but the user ID(<u>To know</u> <u>ID of the user</u>) and the permission id (<u>Click</u> <u>here to check permissionID</u>) which we are going to set while sharing.	

Response

Output(JSON Format)	"status":1, "response":{"message":"The selected file privileges are update }	ed successfully	r."}
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee/services Para Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw • binary type:core service:update formotata • raw • binary type:core service:update formotata: ("type":"file":"1507554717873", "file":"d8b7716f-bf94-4340-91c7-ea7d467baeb0.metadata", "shar [("id":"102", "permission":"4")]}}	ms Send V Sav Cooki Key-Va	/e es Code slue Edit
	Body Cookies (5) Headers (7) Tests St Pretty Raw Preview {"status":1,"response":{"message":"The selected file privileges are updated successfully."}} St	atus: 200 OK Time: 62 ms Siz	e: 401 B

3.9.3 Rename Metadata

URL	fileSystemOperations.html	
Description	It allows user to rename the metadata file if the user is permitted.We need to pass the filename with the name by which you wan to rename.If the file/directory doesnot exists you will get an error.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
Accessible for	ROLE_ADMIN, ROLE_USER(Note: User should have write permission)	
HTTP Request Method	POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&sourceArray=[['1507554717873/ d8b7716f-bf94-4340-91c7-	

	ea7d467baeb0.metadata',',SampleMetadata1']]&action=rename" http://192.168.2.156:8085/hi-ee/fileSystemOperations.html -v					
HTTP Request Key	HTTP R	equest Value	Description			
sourceArray:	[["1507554717873/d8b7716f-bf94- 4340-91c7- ea7d467baeb0.metadata","SampleMet adata1"]] The directory/file where the rename is performed		is			
action:	rename		File operation act	ion typ	be is rename	
Response Output(JSON Format)	<pre>{"status": 1, "Response": { "message": "Rename is successful" } }</pre>					
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.Renaming action takes place for the respective file.					
Service Status	200 OK					
Screenshot	post 🗸	http://192.168.2.156:8085/hi-ee/fileSystemOperations.html		Params	Send 💙 Sav	re 🗸
	Кеу	Value	Descrip	ition	••• B	Julk Edit
	New key Value					
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code					
	form-data form-data x-www-form-urlencoded raw binary					
	sourceArray:[["1507554717873/d8b7716f-bf94-4340-91c7-ea7d467baeb0.metadata","SampleMetadata1"]] action:rename					
	Body Cookles (5) Headers (7) Tests Status: 200 OK Time: 30 ms Size: 367 B				B: 367 B	
	Pretty Raw {"status":1,"resp	Preview ponse":{"message":"Rename is successful"}}				Ū

3.9.4 Edit Metadata

URL	/services	
Description	It allows user to edit the metadata where we can do the changes to existing metadata .If the file/directory doesnot exists you will get an error.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have delete permission)	
HTTP Request Method	POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=metad	

	ata&service=get&formData={'location':'1507282737619/1507284558001','meta dataFileName':'e3732b76-8e15-4602-beb7- e1261815a830.metadata','provideJoins':true}" http://192.168.2.156:8085/hi- ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	adhoc	Type as adhoc report type.	
serviceType:	metadata	Servicetype as metadata	
service:	get	Service to edit report.	
formData:	{"location":"1507282737619/1507 284558001","metadataFileName": "e3732b76-8e15-4602-beb7- e1261815a830.metadata","provide Joins":true}	Formdata having location of file and filename.	
Response Output(JSON Format)	{"status":1,"response": { Response data with metadata details like name,db details etc. } }		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the metadata details.		
Service Status	200 OK		
Screenshot POST V http://192.168.2.156:8085/hi-ee//services Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw • binary		Params Send V Save V	
	type:adhoc serviceType:metadata service:get formData:{"location":"1507282737619/1507284558001","metadataf Body Cookies (5) Headers (7) Tests Pretty Raw Preview HTML >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<pre>ileName":"e3732b76-8e15-4602-beb7-e1261815a830.metadata", "provideJoins":true} Status: 200 OK Time: 64 ms Size: 5.41 KB USER", "dataSource":("id":"1", "type":"dynamicDataSource", "baseType":"global.jdbc") es":("EMPLOYEE_DTAILS":("id":"cd274cd-e0e3-4f7c-8074-397a389ff323","alias" MPLOYEE_DT", "defaultFunction":"db.generic.aggregate.sum,"type":("java.lang MAME", "defaultFunction":"db.generic.aggregate.sum,"type":("java.lang "MAME","defaultFunction":"db.generic.aggregate.sum,"type":("java.lang "type":("java.lang.String")" refic.aggregate.sum,"type":"type":"fyde60894-B884-2945</pre>	

3.10 Save Report

URL	saveReport.html		
Description	To save the .efw report we can use this api service.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you w	ill get login page.	
Accessible for	ROLE_USER, ROLE_ADMIN		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/sav	veReport.html	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&command=add&reportName=t estsaveReport&reportDirectory=HelicalDemo&reportFile=demo.efw&locatio n=1507554717873&reportParameters={"TERRITORY':['Japan'],'STERRITO RY':'Japan'}" http://192.168.2.156:8085/hi-ee/saveReport.html -v		
HTTP Request Key	HTTP Request Value	Description	
command:	add	Command to save the report	
command: reportDirectory:	add HelicalDemo	Command to save the report Directory of the report which we are going to save.	
command: reportDirectory: reportFile:	add HelicalDemo demo.efw	Command to save the report Directory of the report which we are going to save. The report file physical name.	
command: reportDirectory: reportFile: location:	add HelicalDemo demo.efw 1507554717873	Command to save the report Directory of the report which we are going to save. The report file physical name. Physical Location (Where you want to save report)	
command: reportDirectory: reportFile: location: reportParameters: (optional)	add HelicalDemo demo.efw 1507554717873 {"TERRITORY":["Japan"],"STE RRITORY":"Japan"}	Command to save the report Directory of the report which we are going to save. The report file physical name. Physical Location (Where you want to save report) Report parameters if report have.	
command: reportDirectory: reportFile: location: reportParameters: (optional) reportName:	add HelicalDemo demo.efw 1507554717873 {"TERRITORY":["Japan"],"STE RRITORY":"Japan"} testsaveReport	Command to save the report Directory of the report which we are going to save. The report file physical name. Physical Location (Where you want to save report) Report parameters if report have. Name of the report to be saved	
command: reportDirectory: reportFile: location: reportParameters: (optional) reportName: Response Output(JSON Format)	add HelicalDemo demo.efw 1507554717873 {"TERRITORY":["Japan"],"STE RRITORY":"Japan"} testsaveReport {"status":1,"response":{"message":	Command to save the report Directory of the report which we are going to save. The report file physical name. Physical Location (Where you want to save report) Report parameters if report have. Name of the report to be saved :"Successfully saved the report!"}}	

	It returns response as the success message and the report get saved in the respective directory having extension .efw	
Service Status	200 OK	
Screenshot	POST × http://192.168.2.156:8085/hi-ee/saveReport.html Authorization Headers (1) Body • Pre-request Script Tests form-data x-www-form-urlencoded raw binary command:add reportName:test saveReport reportName:test saveReport reportDirectory:hellicalDemo reportPifle:demo.efw location:1597554717873 reportParameters:("TERRITORY":["Japan"], "STERRITORY":"Japan") Body Cookies (5) Headers (7) Tests	Params Send V Save V Cookies Code Key-Value Edit Katus: 200 OK Time: 56 ms Size: 377 B
	Pretty Raw Preview {"status":1, "response": {"message": "Successfully saved the report!"}}	

3.11 Refresh cache/Report Operations

3.11.1 Refresh cache/Report Operations :: EFW Report

3.11.1.1 Refresh EFW Report

URL	getEFWSolution.html	
Description	The current efw report will get refreshed. If we made any changes to report you can refresh same report using this API.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module] If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request Method	POST	
Example	Access through browser : http://192.168.2.156:8085/hi-ee/getEFWSolution.html Access through Curl command : curldata	

	"j_username=hiadmin&j_password=hiadmin&dir=1463377807724/146337797 8248/Sample EFW Report&file=sample_report.efw" http://192.168.2.156:8085/hi-ee/getEFWSolution.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463377978248 /Sample EFW Report	The directory for the r	eport file
file:	sample_report.efw	Report file name	
Response Output(JSON Fomat)	Response is the report which get refreshed		
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee/getEFWSolution.htm Authorization Headers (1) Body • Pre-request Script Tr • form-data • x-www-form-urlencoded • raw • binary dir:1463377807724/1463377978248/Sample EFW Report file:sample_report.efw file File	ests	Params Send V Save V Cookies Code Key-Value Edit
	Body Cookles (5) Headers (7) Tests Pretty Raw Preview Travel Expenses Select Month:	nse Distribution Repo	Status: 200 OK Time: 42 me Size: 3.85 KB

3.11.1.2 Refresh EFW Report Cache

URL	getEFWSolution.html	
Description	The current report cache get refreshed. Deletes the old cache of report and refresh the report cache.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request Method	POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/getEFWSolution.html	

	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/146337797 8248/Sample EFW Report&file=sample_report.efw&refresh=true¶meters={'start_date':'2015- 01-01 12:00:00','end_date':'2015-02-01 12:00:00'}" http://192.168.2.156:8085/hi-ee/getEFWSolution.html -v		
HTTP Request Key	HTTP Request value	Description	
dir:	1463377807724/1463377978248 /Sample EFW Report	The directory for the report file	
file:	sample_report.efw	Report file name	
refresh:	TRUE	Deletes the old cache and refresh the report	
parameters:	{"start_date":"2015-01-01 12:00:00","end_date":"2015-02- 01 12:00:00"}	Parameters of the report if any.	
Response Output(JSON Fomat)	Response is the report cache get refreshed and returns the report contents.		
Service Status	200 OK		
Screenshot	POST v http://192.168.2.156:8085/hi-ee/getEFWSolution.html Params Send v Save v Authorization Headers (1) Body • Pre-request Script Tests Cookies Cookie		
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 57 ms State: 3.95 KB Pretty Raw Preview Image: 10 minute of the state of		
	Travel Expe	nse Distribution Report	
	Select Mouth:		

3.11.2 Refresh cache/Report Operations :: Adhoc Report

3.11.2.1 Refresh Adhoc Report

URL	hi.html
UKL	11.10111

Description	The current adhoc report will get refreshed.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST,GET		
Example	Access through browser :		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463378012748&file=94b8d841-bf01-4ff3- 8e9e-ac858ac8a52c.report&mode=dashboard Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/146337801 2748&file=94b8d841-bf01-4ff3-8e9e-ac858ac8a52c.report&mode=dashboard" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1463378012748	The directory for the report file	
file:	94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report	Report file name	
mode:	dashboard	Mode of the report	
Response Output(JSON Format)	Response is the report which get refreshed and returns the report contents.		
Service Status	200 OK		

Screenshot	POST V http://192.168.2.156:8085/hi-ee/hi.html	Params	Send V	Save	~
	Authorization Headers (1) Body ● Pre-request Script Tests ● form-data ● x-www-form-urlencoded ● raw ● binary			Cookies	Code
	dir:1463377807724/1463378012748 file:94b8d841-bf01-4ff3-8e9e-ac858ac8a52c.report mode:dashboard			Key-Value	e Edit
	Body Cookies (5) Headers (8) Tests	Status: 200 OK	Time: 41 ms	Size: 15.8	34 KB
	<pre>Pretty Raw Preview HTML * i 1 * (html class="hi-window mode-dashboard"></pre>				Q

3.11.2.2 Refresh Adhoc Report Cache

URL	hi.html		
Description	The current report cache get refreshed. Deletes the old cache of report and refresh the report cache.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	POST Access through browser : http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463378012748&file=94b8d841- bf01-4ff3-8e9e- ac858ac8a52c.report&mode=dashboard&refresh=true Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=146337780772 4/1463378012748&file=94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report&mode=dashboard&refresh=true"		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/14633780 12748	The directory for the report file	

file:	94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report	Report file name	
refresh:	true	Deletes the old cache and refresh the report	
mode:	dashboard	Mode of the report	
Response Output(JSON Format)	Response is the report cache report contents.	e which get refreshed and returns the	
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee/hi.html Authorization Headers (1) Body Pre-request Script T • form-data • x-wwweform-urlencoded • raw binary dir:1463377807724/1463378012748 File:34b8d841-bF61-4fF3-8e9e-ac858ac8a52c.report Fore:itrue mode:dashboard	Params Send Save S Ests Cookies Code Key-Value Edit Status: 200 OK Time: 64 ms Stice: 15.68 KB	
	Pretty Raw Preview HTML Tml f 1 * (html.class="hi-window mode-dashboard") C CheadJ 2 * (headJ) (meta charset="utf-8") (meta charset="utf-8") 4 (meta http-equiv="kull-cohe-cohrol") content="no-cae") 5 (meta http-equiv="kull-cohe-cohrol") (meta http-equiv="kull-cohe-cohrol") 7 (meta http-equiv="rangem" content="no-cae") (b) 8 (meta name="toksetor" cohe-cohe-cohe-cohe-cohe-cohe-cohe-cohe-	edge" /> che" /> th, initial-scale=1" />	

3.11.3 Refresh cache/Report Operations :: Saved/efwsr Report

3.11.3.1 Refresh Saved Report

URL	executeSavedReport.html		
Description	The current saved report will get refreshed.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/executeSavedReport.html		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1507554717873&file=testsa veReport_1507808999034.efwsr" http://192.168.2.156:8085/hi-		

	ee/executeSavedReport.html -v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1507554717873	The directory for the repo	ort file
file:	testsaveReport_1507808999034. efwsr	Report file name	
Response Output(JSON Format)	Response is the report which get 1	efreshed and returns the re	port contents.
Service Status	200 OK		
Screenshot	IOT POST V http://192.168.2.156:8085/hi-ee/executeSavedReport.html Authorization Headers (1) Body Pre-request Script Tests form-data x-www-form-unlencoded raw binary dir:1587554717873 file:testsaveReport_1507808999034.efwsr		rams Send V Save V Cookies Code Key-Value Edit
	Body Cookies (5) Headers (8) Tests Pretty Raw Preview HTML Image: Cookies (5) i 1 < <script></script>		

3.11.3.2 Refresh Saved Report Cache

URL	executeSavedReport.html		
Description	The cache in the server side is refreshed.		
Pre-requisite	Jser should have logged in before accessing the service.[<u>Refer login</u> <u>nodule]</u> f the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/executeSavedReport.html		
	Access through Curl command :		

	curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/147 2554245045&file=SavedReport_1472554274862.efwsr&refresh=true& parameters={'start_date':'2015-01-01 12:00:00','end_date':'2015-02-01 12:00:00'}" http://192.168.2.156:8085/hi-ee/executeSavedReport.html - v		
HTTP Request Key	HTTP Request Value	Description	
dir:	1463377807724/1472554245045	The directory for the report file	
file:	SavedReport_1472554274862.ef wsr	Report file name	
refresh:	true	Deletes the old cache and refresh the report	
parameters:	{"start_date":"2015-01-01 12:00:00","end_date":"2015-02- 01 12:00:00"}	Parameters of the report if any	
Response Output(JSON Format)	Response is the report cache whic contents.	h get refreshed and returns the report	
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee/executeSavedReport.html Authorization Headers (1) Body • Pre-request Script Tests of form-data ex-www-form-urlencoded raw binary	Params Send Y Save Y Cookies Code Key-Value Edit	
	d]F:180758471873 File:testsWeReport_1507808999034.efwsr "refresh:true parameters:{"TERRITORY":["Japan"],"STERRITORY":"Japan"}	<i>a</i>	
	Body Cookies (5) Headers (8) Tests	Status: 200 OK Time: 57 ms Site: 8.72 KB	
	Pretty Raw Preview HTML TP i i (script) i Q i i (script) window.Dashboard@lobals.efwddir = "HelicalDemo"; i var urlParameters = ("file"; "testsaveReport_15070808999034.efwsr", "refresh"; "true", "dir"; "1507554717873", "parameters"; ("TERRITORV": ("Japan"), "STERRITORV": "Japan"), "reportParameters = ("reportParameters = ("reportParameters"; ("TERRITORV": ("Japan"), "STERRITORV": "Japan"), "reportFile"; "demo.ff", "reportFile"; "demo.ff", "reportFile"; "demo.ff", "reportFile"; "demo.ff", "reportFile"; "demo.ff", "reportFile"; "demo.ff", "filesport); "demortFile"; "demo.ff", "filesport); "demortFile"; "demo.ff", "filesport); "demortFile"; "demo.ff", "filesport]; "demortFile"; "demortFile; "demortFile; "demortFile"; "demortFile; demortFile; "demortFile; demortFile; demortFile; "demortFile		

3.12 Scheduling a Report

3.13 Emailing a Report

URL	sendMail.html		
Description	It allows user to mail reports(EFW,EFWSR,Adhoc reoprt) to any receipts . To mail report we need to pass required information covered on HTTP Request Key-Value section.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module] If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser : http://192.168.2.156:8085/hi-ee/sendMail.html Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14639839 15686/1463838054907&reportFile=d1560c88-be0d-4380-8225- 8a8df4eb53bf.report&reportType=report&formats=[%22pdf%22,%22png%2 2,%22jpg%22]&recipients=[%22sayali@helicaltech.com%22]&reportSource Type=url&reportParameters={}&subject=testmail&body=Hello&reportName =Simple%20Bubble%20Chart" http://192.168.2.156:8085/hi- ee/sendMail.html -v		
HTTP Request Key	HTTP Request Value	Description	

dir:	1463377807724/14633779782 48/Sample EFW Report	Location of the file for email		
reportFile:	sample_report.efw	File name which we are going to email		
reportType:	efw	Type of the report		
formats:	["pdf","png","jpg"]	The format in which the report is to be received via email. User can select one or more export format to mail.		
recipients:	["sayali@helicaltech.com"]	Recipients email address		
reportSourceType:	url	Report Source Type		
reportParameters:	{ "start_date":"2015-01-01 12:00:00", "end_date":"2015-02-01 12:00:00" }	Report parameters for email if any		
subject:	Email Notification	Email Subject		
body: (optional)	Message	Message to be included in the body of email		
reportName: (optional)	Sample EFW Report	Name of the report in attachment		
Response Output(JSON Format)	<pre>{ { "status": 1, "Response": { "message": "Email sent successfully." } }</pre>			
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message.			
Service Status	200 OK			

Screenshot	POST 🗸	http://192.168.2.156:80	85/hi-ee/sendMail.html	1892 	(3h) - 2h - 5t - 5 t	Params	Send 🗸	Save	~
	Authorization	Headers (1) Body •	Pre-request Script	Tests		2	c	lookies	Code
	form-data	x-www-form-urlencoded	🔵 raw 🔍 binary	,					
	dir:1463377807 reportFile:sam reportFype:efw formats:["pdf", recipients:["ss reportSourceTy reportSourceTy reportParamete subject:Email ! body:Messag reportName:Samp	724/1463377978248/Samp Jeg-report.efw "png","jgg"] ayali@helicaltech.com" pe:url s:{"start_date":"2015 Notification ple EFW Report)le EFW Report] ;-01-01 12:00:00","	end_date":"2015-02-0	1 12:00:00","mode":"dashb	oard"}	K	ey-Value	Edit
	Body Cookies	s (5) Headers (7)	Tests			Status: 200 OK	Time: 10677 ms	Size: 3	71 B
	Pretty Raw	Preview HTML '	All A					Ē	Q
	i 1 {"status"	:1,"response":{"message	":"Email sent succes	sfully."}}					

3.14 Share Module

3.14.1 Share/Revoke Report

3.14.1.1 Share Report

URL	services			
Description	It allows user to share the report(EFW,EFWSR,Adhoc,EFWDD,Metdata,Result) with any user/organisation/role.We can set different permissions while sharing report, while sharing file with particular user/role/organisation we need to set the permission using permissionID(<u>Refer to get PermissionID</u>) If the file/directory doesnot exists you will get an error.			
Pre-requisite	User should have logged in before a	User should have logged in before accessing the service.[Refer login module]		
	ir the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN, ROLE_USER(Nor	te : User should have share permission)		
HTTP Request Method	POST			
Example	Note : Here , we are taking example of Adhoc report for sharing and sharing it with user same way we can share report with organisation/role.			
	Access through browser :			
	http://192.168.2.156:8085/hi-ee/services			
	Access through Curl command :			
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507554717873','file':'29d4282b- ae23-4acf-add4- 9747f0d04e20.report','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v			
HTTP Request Key	HTTP Request values Description			
type:	core	Type of the operation.		
serviceType:	share	ServiceType as share .		
service:	update	Service to update the share information.		

formData:	{"type":"file","dir":"15075547178 73","file":"29d4282b-ae23-4acf- add4- 9747f0d04e20.report","share":{"us er":[{"id":"102","permission":"4"}]}}	formData: getting pass to service tells the type of the file, its dir where the file is present and the file name and the share info which is nothing but the user ID(<u>To know</u> <u>ID of the user</u>) and the permission id (<u>Click</u> <u>here to check permissionID</u>) which we are going to set while sharing.
Response Output(JSON Format)	{ "status":1, "response":{"message":"The selected }	ed file privileges are updated successfully."}
Service Status	200 OK	
Screenshot	POST http://192.168.2.156:8085/hi-ee/services Authorization Headers (1) Body Pre-request Script Test form-data x-www-form-urlencoded raw binary type:core service:update inter:"1507554717873", "file":"290428 form-data: "file", "dir":"1507554717873", "file":"290428 gender: "file":"102", "permission": "4"]]} Body Cookles (5) Headers (7)	Params Send Save 5s Cookies Code Key-Value Edit 2b-ae23-4acf-add4-9747f0d04e20.report", "share": {"user": Status: 200 OK Time: 76 ms Status: 200 OK
	Pretty Raw Preview HTML V 55	eges are updated successfully."}

3.14.1.2 Revoke Report

URL	services		
Description	It allows user to revoke the already shared report(EFW,EFWSR,Adhoc,EFWDD,Metdata,Result) with any user/organisation/role. If the file/directory doesnot exists you will get an error.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(No	te : User should have share permission)	
HTTP Request Method	POST		
Example	Note : Here , we are taking example of Adhoc report for revoking of already shared report. Access through browser : http://192.168.2.156:8085/hi-ee/services Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'file','dir':'1507554717873','file':'29d4282b-ae23-4acf-add4- 9747f0d04e20.report','revoke':{'user':[{'id':'102','permission':'4'}]}}"		
HTTP Request Key	HTTP Request values	Description	
type:	core	Type of the operation.	
serviceType:	share	ServiceType as share .	
service:	update	Service to update the share information.	

formData:	{"type":"file","dir":"15075547178 73","file":"29d4282b-ae23-4acf- add4- 9747f0d04e20.report","revoke":{" user":[{"id":"102","permission":"4 "}]}}	formData: getting pass type of the file , its dir y present and the file nam info which is nothing b <u>know ID of the user</u>) an (<u>Click here to check pe</u> we are going to set whi	to service tells the where the file is ne and the revoke ut the user ID(<u>To</u> nd the permission id <u>rmissionID</u>) which le sharing.
Response Output(JSON Format)	{ "status":1, "response":{"message":"The selected }	ed file privileges are upc	lated successfully."}
Service Status	200 OK		
Screenshot	POST v http://192.168.2.156:8085/hi-ee/services Authorization Headers (1) Body • Pre-request Script Test • form-data • x-www-form-urlencoded • raw • binary type:core service:update • raw • binary form-data • x-www-form-urlencoded • raw • binary type:core service:update • raw • binary formbat: (*type": "file", "dir": "1507554717873", "file": "29d428 [(*id": "io2", "permission": "4")]}} Body Cookies (5) Headers (7) Tests Pretty Raw Preview HTML v Tests i 1 (**status*:1, "response": {(*message": "The selected file privi;	<pre>ts i2b-ae23-4acf-add4-9747f0d04e20.report","re leges are updated successfully."}}</pre>	Params Send V Save V Cookies Code Key-Value Edit evoke" : {"user": Status: 200 OK Time: 85 ms Size: 401 B

3.14.2 Share/Revoke Datasource

3.14.2.1 Share Datasource

URL	services			
Description	It allows user to share the datasource with any user/organisation/role. The datasource will get share with provided user/organisation/role with permission.While sharing Datasource we need to update the connectionID ,datasource classifier,dataSourceProvider of datasource. If the file/directory doesnot exists you will get an error.			
Pre-requisite	User should have logged in before a	accessing the service.[Refer login module]		
	If the user is not logged in then you wi	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(No	te : User should have share permission)		
HTTP Request Method	POST			
Example	Note : We can share datasource with user/organisation/role. Here , we are taking example to share datasource with user. Access through browser : http://192.168.2.156:8085/hi-ee/services Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'dataSource','id':'2','classifier':'global','dataSou rceProvider':'tomcat','share':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v			
HTTP Request Key	HTTP Request values	Description		
type:	core	Type of the operation.		
serviceType:	share	ServiceType as share .		
service:	update	Service to update the share information.		

formData:	{"type":"dataSource","id":"2","cla ssifier":"global","dataSourceProvi der":"tomcat","share":{"user":[{"i d":"102","permission":"4"}]}}	formData: getting pass to service tells the type as datasource, its connectionID, datasource provider and the share info which is nothing but the user ID(<u>To know ID of the user</u>) and the permission id (<u>Click here to check</u> <u>permissionID</u>) which we are going to set while sharing.
-----------	---	---

Response Output(JSON Format)	<pre>{ { "status":1,"response":{"message":"The selected dataSource privileges are updated successfully."} } }</pre>			
Service Status	200 OK			
Screenshot	POST ~ http://192.168.2.156:8085/hi-ee/services Params Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw • • form-data • x-www-form-urlencoded • raw • binary • type:core serviceType:share serviceType:share service:update formData:("type":"dataSource", "id":"2", "classifier":"global", "dataSourceProvider":"tomcat", "share":("user": [{"user": [{"user": [{"user": ["user": ["user: ["user": ["user": ["user:	Send V	Save Cookies Key-Value	Code e Edit
	Body Cookles (5) Headers (7) Tests Status: 2 Pretty Raw Preview HTML V Tests Status: 2 i 1 ("status":1,"response":("message":"The selected dataSource privileges are updated successfully.")) Image: Cookles (5) Status: 2	00 OK Time: 87 m	s Size: 4	Q.

URL	services		
Description	It allows user to revoke the already shared datasource with any user/organisation/role.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have share permission)		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee/services		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=share&s ervice=update&formData={'type':'dataSource','id':'2','classifier':'global','dataSou rceProvider':'tomcat','revoke':{'user':[{'id':'102','permission':'4'}]}}" http://192.168.2.156:8085/hi-ee/services -v		
HTTP Request Key	HTTP Request values	Description	
type:	core	Type of the operation.	
serviceType:	share	ServiceType as share .	
service:	update	Service to update the share information.	
formData:	{"type":"dataSource","id":"2","cla ssifier":"global","dataSourceProvi der":"tomcat","revoke":{"user":[{" id":"102","permission":"4"}]}}	formData: getting pass to service tells the type as datasource ,datasource connection id,provider of the datasource etc and the revoke array with id which is nothing but the user ID(<u>To know ID of the user</u>) and the permission id (<u>Click here to check</u> <u>permissionID</u>) which we are going to set while sharing.	
Response Output(JSON Format)	{ "status":1,"response":{"message":" updated successfully."} }	The selected dataSource privileges are	

Service Status

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services	Params S	end 🗸	Save	~
	Authorization Headers (1) Body Pre-request Script Tests			Cookies (Code
	form-data x-www-form-urlencoded raw binary				
			N	(ey-Value l	Edit
	<pre>serviceType:share service:update formData:("type":"dataSource","id":"2","classifier":"global","dataSourceProvider":"tomcat","revoke [["id":"162","permission":"4"]]}}</pre>	':{"user":			
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 69 ms	Size: 40	17 B
	Pretty Raw Preview HTML ~				Q
	<pre>i 1 {"status":1, "response":{"message":"The selected dataSource privileges are updated successfully."}}</pre>				

3.15 Export Excel / CSV

URL	//exportData.html		
Description	It allows user to export the report in xls/csv format.User need to mention the type in data as(xls/csv) fo specific export.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	f the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER(Note : User should have share permission)		
HTTP Request Method	POST		
Example	Access through browser : http://192.168.2.156:8085/hi-ee/services Access through Curl command : 'j_username=hiadmin&j_password=hiadmin&data={"location":"146337780772 4/1463377836985","metadataFileName":"e9be6771-995b-40eb-a01c- 304857a100a1.metadata","databaseName":"HIUSER,"columns":[{"column":" HIUSER.travel_details.travel_date","alias":"Month","databaseFunction":{"funct ionName":"sql.dateTime.monthname","dataType":"text","parameters":{"datetim e":"travel_details.travel_date"}}},{"column":"HIUSER.travel_details.travel_cos t","alias":"No of Travels","aggregate":true}],"functions":{"aggregate":[{"column":"HIUSER.travel_details.travel_cost","function":"db.generic.aggregate.count","alias":"No of Travels"}],"groupBy":[{"column":"Month","custom":true}],"orderBy":[{"alias" "'No of Travels","order":"asc","custom":true}]},"prependTableNameToAlias":true,"limi By":1000,"isAdhoc":true,"type":"xls","requestType":"adhoc","serviceType": "re port" "service":"fetchData"}' http://localhost:7085/hi-ee//exportData html -v		
HTTP Request Key	HTTP Request values	Description	
j_username:	hiadmin	Username for helical insight	
j_password:	hiadmin	Password for helical insight	

data:	{"location":"1463377807724/1463 377836985","metadataFileName": "e9be6771-995b-40eb-a01c- 304857a100a1.metadata","databas eName":"HIUSER","columns":[{" column":"HIUSER.travel_details.t ravel_date","alias":"Month","datab aseFunction":{"functionName":"s ql.dateTime.monthname","dataTy	For data we need to provide the location of metadata file, its name, database name , column, if any db functions applied, alias etc. User need to set the type of data as xls/csv for xls and csv export.
-------	---	--
	<pre>pe":"text","parameters":{"datetime ":"travel_details.travel_date"}}},{ "column":"HIUSER.travel_details. travel_cost","alias":"No of Travels","aggregate":true}],"functi ons":{"aggregate":[{"column":"HI USER.travel_details.travel_cost"," function":"db.generic.aggregate.co unt","alias":"No of Travels"}],"groupBy":[{"column": "Month","custom":true}],"orderBy ":[{"alias":"No of Travels","order":"asc","custom":tr ue}]],"prependTableNameToAlias ":true,"limitBy":1000,"isAdhoc":tr ue,"type":"xls","requestType":"ad hoc","serviceType":"report","servi ce":"fetchData"}</pre>	
------------------------------------	---	---
Response Output(JSON Format)	Reponse will be in text format which will be some XLS.Those contents will not be in user readable for	contents of CSV and ormat.
Service Status	200 OK	
Screenshot	POST + http://192.168.2.196:7085/hi-ee//exportData.html	Send 🔻 Save 🔻
	Params Authorization Headers (10) Body Pre-request Script Tests Settings	Cookies Code
	none form-data rwww-form-urlencoded raw binary GraphQL BETA	
]_username:hiadmin]_password:hiadmin data:("location":"463377807724/1463377836985","metadataFileName":"e9be6771-995b-40eb-a0ic-3 [("column":"HIUSER.travel_details.travel_date","alias":"Month","databaseFunction": {"functionName":"sql.dateTime.monthname","dataType":"text","parameters":"dettime":"travel_ {"column":"HIUSER.travel_details.travel_cate:","alias":"No of Travels","aggregate":true]],"fu	94857a100a1.metadata","databaseName":"HIUSER","columns": details.travel_date"}}}, crtions":{"aggregate": s":"No of Travels"}},"groupBy":

4. Adhoc Module

Adhoc module contains 3 major components: Datasource, Metadata and Report. Datasource allows to create, edit and Share Datasource, then create Metadata using datasource and edit metadata. Then finally create adhoc report using metadata by drag and drop functionality.

4.1 Create Datasource

URL	/services	
Description	It allows user to create managed datasources which supports different	
	databases.	
	Managed datasource is the global datasource connection which get	
	saved to globalConnections.xml file in backend.	
	Note : While datasource connection different datasource providers are	
	available we can use same as well(Find in Advanced Option section).	

4.1.1 Create Managed Datasource

Pre-requisite	User should have logged in before accessing the service. [Refer login		
	module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Note : Here we are creating the MyS	QL db connection using	
	managed datasource , same way you	can create different supported	
	datasource connections.		
	Access mough proviser .		
	http://192.168.2.156:8085/hi-ee//services		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hi	admin&type=core&serviceType=	
	ManagedDS','driverName':'com.mysql.	.jdbc.Driver','userName':'hiuser','	
	password':'hiuser','jdbcUrl':'jdbc:mysql	://192.168.2.156:3306/SampleTr	
	avelData','dataSourceProvider':'tomcat'}" http://192.168.2.156:8085/hi-		
HTTP Request Key	HTTP Request Value	Description	
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	
service:	write	The service is write to add new	
		datasource connection	
formData:	{"classifier":"global","name":"TestM	name : name of the datasource	
	anagedDS","driverName":"com.mys	Classifer as global	
	ql.jdbc.Driver","userName":"hiuser",	All datasource connection	
	"password":"hiuser","jdbcUrl":"jdbc:	details like	
	mysql://192.168.2.156:3306/Sample	drivername, username, password,	
	TravelData","dataSourceProvider":"t	connecion string and the	
	omcat"} dataSource provider name.		
Response	{		
Output(JSON	"status":1,"response":{"message":"A n	ew Tomcat data source is created	
Format)	successfully."}		
	}		
Description of	The response of the API is, it returns t	he success status value as 1 if it	
Response Output	tails returns 0 as the status.		
	The managed determines act sourcess mess	age.	
	The managed datasource get saved in	me backend. Managed datasource	
	is the global connection ,all connection details get saved in		
	globalConnections.xml in backend.		

Service Status	200 OK	
Screenshot	POST V http://192.168.2.156:8085/hi-ee//services	Params Send Save
	Authorization Headers (1) Body • Pre-request Script Tests	Cookie
	● form-data ● x-www-form-urlencoded ● raw ● binary	
		Key-Val
	<pre>service:write formData: {"classifier":"global","name":"TestManagedDS","driverName":"com.mysql.jdbc.Dri {"classifier":"global","name":"TestManagedDS","driverName":"com.mysql.jdbc.Dri :mysql://192.168.2.156:3306/SampleTravelData","dataSourceProvider":"tomcat"}</pre>	ver","userName":"hiuser","password":"hiuser","jdbcUrl"
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 33 ms Size
	Pretty Raw Preview HTML ~ =	IC.
	<pre>i 1 {"status":1,"response":{"message":"A new Tomcat data source is created successf</pre>	fully."}}

4.1.2 Test Managed Datasource

URL	/services	
Description	It allows user to test the provided connection details while creating the	
Description	It allows user to test the provided connection details while creating the	
	managed datasource connection, so that before saving the datasource we	
	can test the provided connection.	
	Note : If the connection details(host,username,password,dbname) are not	
	correct, then you will get an Exception.	
Pre-requisite	User should have logged in before accessing the service. Refer login	
-	modulel	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Note : Here we are creating and testing the MySQL db connection	
-	using managed datasource, same way you can create different	
	supported datasource connections.	
	Access through browser ·	
	Access through browser.	
	http://192 168 2 156:8085/hi-ee//services	
	http://192.100.2.120.0005/m co//set/less	
	Access through Curl command :	
	curldata	
	"i username=hiadmin&i_nassword=hiadmin&tyne=core&serviceTyne=	
	data Source & service - test & form Data - [classifier': 'aloba!' 'name': Test Ma	
	uarasourookservice-restorornizara-{ crassiner. giobar, name. restivia	
	nagedDS, driverName: com.mysql.jdbc.Driver, userName: hiuser, pass	

	word':'hiuser','jdbcUrl':'jdbc:mysql://192.168.2.156:3306/SampleTravelD ata','dataSourceProvider':'tomcat'}" http://192.168.2.156:8085/hi- ee//services -v	
HTTP Request Key	HTTP Request Value	Description
type:	core	type as core
serviceType:	dataSource	serviceType as dataSource
service:	test	The service is to test the provided connection details while creating managed datasource connection.
formData:	{"classifier":"global","name":"TestMa nagedDS","driverName":"com.mysql.j dbc.Driver","userName":"hiuser","pas sword":"hiuser","jdbcUrl":"jdbc:mysq 1://192.168.2.156:3306/SampleTravel Data","dataSourceProvider":"tomcat"}	name : name of the datasource Classifer as global All datasource connection details like drivername,username,password, connecion string and the dataSource provider name.
Response Output(JSON Format) Description of Response Output:	<pre>{ dataSource provider name. { "status":1, "response":{"message":"The connection test is successful"} } The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message. If all the credential and idbc url is correct the user will get success </pre>	
	message.	er ener weer winn ger sweeress
Service Status	200 OK	
Screenshot	POST http://192.168.2.156:8085/hi-ee//services Authorization Headers (1) Body Pre-request Script Tests Image: Service transmission of the service transmission of tr	Params Send Save Cookies Code Key-Value Edit priver", "userName": "hiuser", "password": "hiuser", "jdbcUrl": "jdbc
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 39 ms Size: 381 B
	Pretty Raw Preview HTML ~	E Q
	<pre>i 1 {"status":1, "response":{"message":"The connection test is successful."}}</pre>	

4.1.3 Create Plain JDBC Datasource

URL	/services
-----	-----------

Description	It allows user to create plain datasources.Aft	It allows user to create plain datasources. After creation of plain jdbc	
	datasource it get save at provided directory	with .efwd extension.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Note : Here we are creating the MySQL db connection using plain Jdbc datasource , same way you can create different supported datasource connections. Access through browser : http://192.168.2.156:8085/hi-ee//services Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dataS ource&service=write&formData={'classifier':'efwd'.'name':'TestPlainJdbcDS'.		
	'driverName':'com.mysql.jdbc.Driver','userName':'hiuser','password':'hiuser','j dbcUrl':'jdbc:mysql://192.168.2.156:3306/SampleTravelData','directory':1507 554717873','type':'sql.jdbc'}" http://192.168.2.156:8085/hi-ee//services -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	
service:	xxxmit a		
	write	The service is write to add new	
	write	The service is write to add new plain jdbc datasource connection	
formData:	<pre>write {"classifier":"efwd","name":"TestPlainJdb cDS","driverName":"com.mysql.jdbc.Driv er","userName":"hiuser","password":"hius er","jdbcUrl":"jdbc:mysql://192.168.2.156 :3306/SampleTravelData","directory":"15 07554717873","type":"sql.jdbc"}</pre>	The service is write to add new plain jdbc datasource connection name : name of the datasource Classifer as efwd All datasource connection details like drivername,username,password, connecion string and the type of datasource with directory name where the datasource will get save.	
formData: Response Output(JSON Format) Description of Response	<pre>write {"classifier":"efwd","name":"TestPlainJdb cDS","driverName":"com.mysql.jdbc.Driv er","userName":"hiuser","password":"hius er","jdbcUrl":"jdbc:mysql://192.168.2.156 :3306/SampleTravelData","directory":"15 07554717873","type":"sql.jdbc"} { successfully."} } The response of the API is , it returns the su returns 0 as the status.</pre>	The service is write to add new plain jdbc datasource connection name : name of the datasource Classifer as efwd All datasource connection details like drivername, username, password, connecion string and the type of datasource with directory name where the datasource will get save.	

	The plain jdbc datasource get created and get save at provided directory with .efwd extension.	,
Service Status	200 OK	
Screenshot	POST http://192.168.2.156:8085/hi-ee//services Params Send Authorization Headers (1) Body Pre-request Script Tests Image: Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Service Type: clataSource Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 58 ms Pretty Raw Preview Status: 200 OK Time: 58 ms	Save Save Sookies Code ey-Value Edit ur 1" : "jdbc Size: 391 B
	{"status":1,"response":{"message":"The data source has been saved successfully."}}	

4.1.4 Test Plain JDBC Datasource

URL	/services
Description	It allows user to test the provided connection details while creating the plain jdbc datasource connection, so that before saving the datasource we can test the provided connection. Note : If the connection details(host,username,password,dbname) are not
	correct, then you will get an Exception.
Pre-requisite	User should have logged in before accessing the service. [Refer login module]
Accessible for	ROLE_ADMIN
HTTP Request	POST
Method	
Example	Note : Here we are creating the MySQL db connection using plain Jdbc datasource , same way you can create different supported datasource connections. Access through browser : http://192.168.2.156:8085/hi-ee//services
	Access through Curl command :

	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=core&serviceType=		
	dataSource&service=test&formData={'classifier':'efwd','name':'TestPlain		
	JdbcDS','driverName':'com.mysql.jdbc.I	Driver', 'userName': 'hiuser', 'passw	
	ord':'hiuser','jdbcUrl':'jdbc:mysql://192.1	168.2.156:3306/SampleTraveIDat	
	a','directory':1507554717873','type':'sql.jdbc'}"		
TIMPD D ogt V or	http://192.168.2.156:8085/n1-ee//service		
HIIP Kequest Key	HIIP Kequest value	Description	
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	
service:	test	The service is to test the	
		provided connection details	
		while creating plain jdbc	
		datasource connection.	
formData:	{"classifier":"efwd","name":"TestPlai	name : name of the datasource	
	nJdbcDS","driverName":"com.mysql.j	Classifer as efwd	
	dbc.Driver", "userName": "hiuser", "pas	All datasource connection	
	SWORD : MUSER , JUDCUTI : JUDCHIYSY	details like	
	Deta" "directory"."1507554717873" "t	drivername, username, password,	
	Data, uncertory \cdot 150755+717675, \cdot	connecion string and the type of	
	ype . sqr.jube j	datasource with directory name	
		where the datasource will get	
Desmanse		save.	
Response Output(ISON	{ "status":1 "response":{"massage":"The connection test is successful"}		
Format).	}		
Description of	The response of the API is, it returns th	e success status value as 1 if it	
Response Output:	fails returns 0 as the status.		
Heek on the state of the state	It returns response as the success message	ge.	
	If all the credential and idde url is correct the user will get success		
	message.	6	
Service Status	200 OK		
Screenshot	POST V http://192.168.2.156:8085/hi-ee//services Params Send V Save V		
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code	
	I form-data • x-www-form-urlencoded I raw I binary		
		Key-Value Edit	
	type:core serviceType:dataSource service:test		
	<pre>rormData: {"classifier":"efwd", "name":"TestPlainJdbcDS", "driverName":"com.mysql.jdbc. :mysql://192.168.2.156:3306/SampleTravelData", "directory":"1507554717873", "t</pre>	<pre>Driver", "userName": "hiuser", "password": "hiuser", "jdbcUrl": "jdbc type":"sql.jdbc"}</pre>	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 44 ms Size: 380 B	
	Pretty Raw Preview		
	{"status":1,"response":{"message":"The connection test is successful"}}		

4.1.5 Get Data sources list

URL	/services.html	
Description	User will get the list of datasources in detail	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get	t login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	http://192.168.2.156:8081/hi-ee/services	.html
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hia	dmin&type=content&serviceTyp
	e=static&service=getContents&formData={'contentId':'Static/DataSourc	
HTTP Request Kev	HTTP Request Value	Description
type:	core	type as core
serviceType:	static	serviceType as static
service:	getContents	Service as getContents
formData:	{"contentId":"Static/DataSourcesList" }	Action to get the data source list
Response Output(JSON Format):	<pre>} {"status":1,"response":{"driversList":[{"driver":"com.helicalinsight.csv", "available":"true","fileUpload":true,"parameter":{"@delimiter":",","@ex tensions":".csv","@extractHeader":"true","@type":"text"}},{"driver":"co m.helicalinsight.json","available":"true","fileUpload":true,"parameter":{" @extensions":".json","@type":"json"}},{"driver":"com.helicalinsight.pa rquet","available":"true","fileUpload":true,"parameter":{"@type":"parqu et","@extensions":".parquet"}},{"driver":"com.helicalinsight.pcap","ava ilable":"true","fileUpload":true,"parameter":{"@type":"parqu et","@extensions":".parquet"}},{"driver":"com.helicalinsight.pcap","@extensi ons":".pcap"}},{"driver":"com.helicalinsight.tsv","@extensions":".tsv","@ext tractHeader":"true","@type":"text"}},{"driver":"com.helicalinsight.nosql .mongo","available":"true","url":"mongodb://{{hostName}}:{{port}}/{{ database},"collection":"collection","sslPort":"3345"}},{"url":"jdb c:derby:{{database}}","driver":"org.apache.derby.jdbc.AutoloadedDrive r","available":"true","parameters":{"database":"database"},{"url":"jdbc: hive2://{{hostName}}:{{port}}/{{database":"database":"available":"true","available":"true","parameters":{"url":"org.apache.hive .jdbc.HiveDriver","available":"true","parameters":{"url":"idbc:ingres://{{host} Name":"localhost","database":"database":"database":"fort":"10001","host Name":"localhost","database":"database":"fort:"10001","host Name":"localhost","database":"database":"fort:"fort":"fo</pre>	

Name}}:{{port}}/{{database}};","driver":"com.ingres.jdbc.IngresDriver ","available":"true","parameters":{"port":"II7","hostName":"localhost"," database":"database"}},{"available":"true","driver":"com.mysql.fabric.jd bc.FabricMySQLDriver"}, {"url":"jdbc:mysql://{ {hostName} }: { {port } }/ {{database}}","driver":"com.mysql.jdbc.Driver","available":"true","para meters": {"port": "3306", "hostName": "localhost", "database": "database" } }, {"url":"jdbc:drill:{{hostName}}:{{port}}","driver":"org.apache.drill.jdb c.Driver", "available": "true", "parameters": { "port": "31010", "hostName": " drillbit=localhost"}},{"url":"jdbc:oracle:thin:@{{hostName}}:{{port}}: {{database}}","driver":"oracle.jdbc.OracleDriver","available":"true","pa rameters": {"port": "1521", "hostName": "localhost", "database": "database" }},{"url":"jdbc:mariadb://{{hostName}}:{{port}}/{{database}}","driver ":"org.mariadb.jdbc.Driver","available":"true","parameters":{"port":"330 6","hostName":"localhost","database":"database"}},{"url":"jdbc:postgres ql://{{hostName}}:{{port}}/{{database}}","driver":"org.postgresql.Driv er", "available": "true", "parameters": {"port": "5433", "hostName": "localhos t","database":"database"}},{"url":"jdbc:jtds:sqlserver://{{hostName}}:{{ port} }/{ {database } }","driver":"net.sourceforge.jtds.jdbc.Driver","availab le":"true","parameters":{"port":"1433","hostName":"localhost","database ":"database"}},{"url":"jdbc:hive2://{{hostName}}:{{port}}/{{database}} }","driver":"org.apache.hive.jdbc.HiveDriver","available":"true","parame ters":{"port":"10001","hostName":"localhost","database":"database"}},{ "url":"jdbc:sqlite:{{database}}","driver":"org.sqlite.JDBC","available":"t rue","parameters":{"database":"database"}}],"dataSourceTypes":[{"type ":"global.jdbc","name":"Managed DataSource", "classifier": "global", "categoryName": "advanced", "category Type":"advanced" }, { "type":"sql.jdbc", "name": "Plain Jdbc

DataSource","classifier":"efwd","categoryName":"advanced","categoryT ype":"advanced"},{"type":"sql.jdbc.groovy","name":"Groovy Plain Jdbc DataSource","classifier":"efwd","categoryName":"advanced","categoryT ype":"advanced"}],"dataSources":[{"driver":"org.apache.drill.jdbc.Drive r","databaseDialect":"drill","enabledTypes":true,"name":"Apache Drill","categoryName":"Big

Data", "categoryType": "big_data", "classifier": "global", "imgUrl": "../imag es/data_sources/defaut_datasource.png", "url": "jdbc:drill: {{hostName}}: {{port}}", "parameters": {"port": "31010", "hostName": "drillbit=localhost" }}, {"driver": "org.postgresql.Driver", "databaseDialect": "postgresql", "na me": "Postgresql", "categoryName": "RDBMS", "categoryType": "rdbms", " type": "global.jdbc", "dataSourceProvider": "tomcat", "classifier": "global", " imgUrl": "../images/data_sources/defaut_datasource.png", "url": "jdbc:post gresql://{{hostName}}: {{port}}/{{database}}", "parameters": {"port": "54 33", "hostName": "localhost", "databaseDialect": "sqlserver", "name": "Microso ft

Sqlserver(sourceforge)","categoryName":"RDBMS","categoryType":"rd bms","type":"global.jdbc","dataSourceProvider":"tomcat","classifier":"gl obal","imgUrl":"../images/data_sources/defaut_datasource.png","url":"jd bc:jtds:sqlserver://{{hostName}}:{{port}}/{{database}}","parameters":{

"port":"1433","hostName":"localhost","database":"database"}},{"driver"
me"."Flat
Files" "categoryType":"flat_files" "type":"global_idbc" "dataSourceProvi
der"."tomcat" "fileUnload".true "classifier"."global" "imgUrl"." /images/
data sources/defaut datasource png"} ["driver": "oracle idbc OracleDriv
er" "databaseDialect"·"oracle" "name"·"Oracle" "categoryName"·"RDB
MS" "categoryType":"rdbms" "type":"global idbc" "dataSourceProvider"
"tomcat" "classifier": "global" "imgUrl": /images/data sources/defaut
datasource png" "url"·"idbc·oracle·thin:@{{hostName}}.{{port}}.{{data
base}}"."parameters":{"port":"1521"."hostName":"localhost"."database"
:"database"}}.{"name":"IBM
Db2", "categoryType": "supported", "categoryName": "Supported"}, {"nam
e":"Informix", "categoryType": "supported", "categoryName": "Supported"
},{"categoryName":"No SQL & Big
Data", "categoryType": "nosql_bigdata", "classifier": "global", "dataSource
Provider":"noSql","driver":"com.helicalinsight.nosql.mongo","name":"M
ongodb","parameters":{"collection":"collection","database":"database","
hostName":"localhost","port":"27017","sslPort":"3345"},"type":"global.j
dbc","url":"mongodb://{{hostName}}:{{port}}/{{database}}"},{"driver
":"com.helicalinsight.parquet","databaseDialect":"","name":"Parquet","c
ategoryName":"Flat
Files", "categoryType": "flat_files", "type": "global.jdbc", "dataSourceProvi
der":"tomcat","fileUpload":true,"classifier":"global","imgUrl":"/images/
data_sources/defaut_datasource.png"},{"name":"Microsoft
Sqlserver, category I ype : supported, category Name : Supported },{
rtad") ("driver":"eem helieelineight peen" "deteheseDieleet":"" "neme"."
Deap" "categoryName": "Flat
Files" "categoryType":"flat_files" "type":"global idbc" "dataSourceProvi
der"."tomcat" "fileUnload".true "classifier"."global" "imgUrl"." /images/
data sources/defaut datasource png"} {"name"·"Hsqldb"."categoryType
":"supported", "categoryName":"Supported"}.{"name": "Sybase
Jdbc2", "categoryType": "supported", "categoryName": "Supported"}, {"na
me":"Sybase
Jdbc4","categoryType":"supported","categoryName":"Supported"},{"na
me":"Firebirdsql","categoryType":"supported","categoryName":"Support
ed"},{"driver":"com.helicalinsight.json","databaseDialect":"","name":"Js
on","categoryName":"Flat
Files", "categoryType": "flat_files", "type": "global.jdbc", "dataSourceProvi
der":"tomcat","fileUpload":true,"classifier":"global","imgUrl":"/images/
data_sources/defaut_datasource.png"},{"driver":"com.helicalinsight.csv"
,"databaseDialect":"","name":"Csv","categoryName":"Flat
Files", "category I ype": "flat_files", "type": "global.jdbc", "dataSourceProvi
der :: tomcat", "fileUpload":true, "classifier": "global", "imgUrl": "/images/
data_sources/defaut_datasource.png"},{"driver":"org.sqlite.JDBC","data
orseDialect : sqiite , name : Sqiite , categoryName :: KDBMS, "categ
oryrype . rubins, type . global.jube, dataSourceProvider : tomcat,

	classifier":"global","imgUrl":"/images/data_sources/defaut_datasource.
	png","url":"jdbc:sqlite:{{database}}","parameters":{"database":"database
	e"}},{"driver":"com.ingres.jdbc.IngresDriver","databaseDialect":"ingres
	"."name":"Ingres"."categoryName":"RDBMS"."categoryType":"rdbms".
	"type":"global idbc"."dataSourceProvider":"tomcat"."classifier":"global"
	"imgUrl":" /images/data_sources/defaut_datasource.png" "url":"idbc:ing
	res:////hostName}\////ort}////database}}'" "parameters"//"nort"'"
	"host Name":"localbost" "database":"database"]) ["driver":"com musal f
	hostivanie : localilost , database : database }},{ difver : cont.hysql.i
	aoric.juoc.faoriciwySQLDriver, databaseDialect : , name : wysql
	Fabric", "categoryName": "RDBMS", "category I ype": "rdbms", "type": "glo
	bal.jdbc", "dataSourceProvider": "tomcat", "classifier": "global", "imgUrl": "
	/images/data_sources/defaut_datasource.png"},{"driver":"org.apache.de
	rby.jdbc.AutoloadedDriver","databaseDialect":"derby","name":"Derby",
	"categoryName":"RDBMS","categoryType":"rdbms","type":"global.jdbc
	","dataSourceProvider":"tomcat","classifier":"global","imgUrl":"/image
	s/data_sources/defaut_datasource.png","url":"jdbc:derby:{{database}}","
	parameters": {"database": "database"} }, {"name": "\[\[\] Add Driver
	Ξ","categoryType":"supported","categoryName":"Supported"},{"driver":
	"org.mariadb.jdbc.Driver", "databaseDialect": "mysgl", "name": "Mariadb",
	"categoryName":"RDBMS","categoryType":"rdbms","type":"global.idbc
	"."dataSourceProvider":"tomcat"."classifier":"global"."imgUrl":"/image
	s/data_sources/defaut_datasource.png" "url"·"idbc·mariadb://{{hostNam
	a) \.{ nort } \/{ database} " "narameters": {"nort": "3306" "host Name":"]
	collect" "detabase"; "detabase"] ["name"; "Dreste" "estagery/Type"; "gu
	beamost, database : database };, { hanne : 11esto, category1ype : su
	pported, categoryName: Supported },{ driver: org.apacne.nive.jdbc.
	HiveDriver, databaseDialect : spark, name : Hive, categoryName :
	Big
	Data", "category l'ype": "big_data", "classifier": "global", "imgUrl": "/imag
	es/data_sources/defaut_datasource.png","url":"jdbc:hive2://{{hostName}
	}:{{port}}/{{database}}","parameters":{"port":"10001","hostName":"lo
	calhost","database":"database"}},{"name":"Access","categoryType":"su
	pported","categoryName":"Supported"},{"driver":"com.mysql.jdbc.Driv
	er","databaseDialect":"mysql","name":"Mysql","categoryName":"RDB
	MS", "categoryType": "rdbms", "type": "global.jdbc", "dataSourceProvider"
	:"tomcat","classifier":"global","imgUrl":"/images/data_sources/defaut
	datasource.png","url":"jdbc:mysql://{{hostName}}:{{port}}/{{database}
	}}","parameters":{"port":"3306","hostName":"localhost","database":"dat
	abase"}}]}
Description of	The response of the API is, it returns the success status value as 1 if it
Response Output:	fails returns 0 as the status.
Service Status	200 OK

Screenshot	Get Datasources list		Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	● form-data ● x-www-form-urlencoded ● raw ● binary		
			Key-Value Edit
	formData: "("contentId": "Static/DataSourcesList") Body Cookles (9) Headers (4) Test Results	Status: 200	// OK Time: 396 ms
	Pretty Raw Preview	ū	Save Response
	["status":1, "response":["driverslist":[["driver":"com.helicalinsight.csv", "available": "true", "fileUpload ("@delimiter":", "@extensions":".csv", "@extractHeader": "true", "@type": "text")}, ("driver": com.helicalinsight.parguet", "available": "true", "@type": "parguet", "@extensions": "parguet"), ("driver": "com.helicalinsight.parguet", "available": "true", "@type": "parguet", "@extensions": "parguet"), ("driver": com.helicalinsight.parguet", "available": "true", "@type": "parguet", "@extensions": "parguet", "@extensions": "parguet", "@extensions": "parguet", "@extensions": "parguet", "@type": "parguet", "@type: "parguet, "@type: "garguet, @type: "garguet, @type: "parguet, @type: "garguet,	d":true,"parameter": icalinsight;ison", "available": "true," fileUpload":true," leUpload":true,"parameter": e", "fileUpload":true,"parameter": pload":true, "parameter": ti)//((database))", "parameters": 3345"), ["uni": "jdbc.derby: 'database": "database", "jdbc.derby: 'database": "database": "database: database: database: "database: "database: "database: "database: "database: "database: "database: "database: databas	parameter": ne]): tabase"]),

4.1.6 Detect Driver

URL	/services.html
Description	User can detect the driver if it is not available in Driver/Plugins folder
	but if it is available in /lib folder in such case driver will be detected
Pre-requisite	User should have logged in before accessing the service. [Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request	POST
Method	
Example	http://192.168.2.156:8081/hi-ee/services.html
	Access through Curl command :
	curldata
	"j_username=hiadmin&j_password=hiadmin&type=core&serviceType=
	dataSource&service=loadDriver&formData={'action':'load','driverName':

	'Sybase Jdbc2'}" http://192.168.2.156:8081/hi-ee/services.html -v	
HTTP Request Key	HTTP Request Value	Description
type:	core	type as core
serviceType:	dataSource	serviceType as static
service:	loadDriver	Service as getContents
formData:	{"action":"load","driverName":"Sybas e Jdbc2"}	Action to detect the driver in /lib folder
Response Output(JSON Format):	{"status":0,"response":{"message":"Erro The driver/plugin is not Found "}}	or: OperationFailedException:
Description of	The response of the API is, it returns the	e success status value as 1 if it
Response Output:	fails returns 0 as the status.	
Service Status	200 OK	
Screenshot	POST http://192.168.2.156:8081/hil-ee/services.html Authorization Headers (1) Body Pre-request Script Tests form-data x-www-form-urlencoded raw binary	Examples (0) + Params Send V Save V Code
	type: core <u>serviceType: dataSource</u> <u>serviceType: loadoriver</u> <u>formData</u> : ("action":"load", " <u>driverName</u> ": " <u>Sybase Jdbcs</u> "} Body Cookies (9) Headers (4) Test Results Pretty Raw Preview HTML > => f 1 {"status":@,"response":{"message":"Error: OperationFailedException: The driver f 1 {"status":@,"response:"{status":@,"response:"{status":@,"response:"{status":@,"response:"{status:@,"response:"{status:@,"response:"{status:@,"response:@,"resp	Key-Value Edr Status: 200 OK Time: 58 ms C Q Save Response rer/plugin is not Found "}}

4.1.7 Upload Database Driver/Jar/Zip/Flat(csv, json etc) file

URL	importFile.html
Description	User can upload database driver/Jar/Zip/flat files etc.If there is
	ucpedency jai mes
Pre-requisite	User should have logged in before accessing the service. [Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request	POST
Method	
Example	http://192.168.2.156:8081/hi-ee/services.html

HTTP Request Key	HTTP Request Value	Description	
type:	datasource/csv/csvh/json/tsv/psv/avro	typeas	
		datasource,csv,json,tsv,psv,avro	
		etc.	
destination:		destination	
file:	(binary)	File will be driver/jar/zip/ file	
Response Output(JSON	<pre>{"status":1,"response":{"message":"The file has been imported successfully"}}</pre>		
Format):			
Description of	The response of the API is, it returns the success status value as 1 if it		
Response Output:	fails returns 0 as the status.		
Service Status	200 OK		
Screenshot	COUNCIL Image: Transmission of the start of		

4.1.8 Get Dialect Information for datasource

User will get dialect information as per datasource.

URL	/services.html		
Description	The user will get the dialect information	as per provided datasource ID.	
Pre-requisite	User should have logged in before acces	sing the service.[Refer login module]	
	If the user is not logged in then you will get	login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met		
	adata&service=dialectinformation&formData={ Id : 1, type': dynamicDataSou		
	http://192.168.2.156:8081/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	

Key			
type:	adhoc	type as adhoc	
serviceType:	metadata	serviceType as metadata	
service:	dialectInformation	The service is to get the	
		dialectInformation	
formData:	{"id":"1","type":"dynamicDataSource	Provide datasource ID to get dialect	
	","parameters":{"fetchCatalogs":true,"	information	
	fetchSchemas":true,"view":"tree"}}		
Response	{"status":1,"response":{"id":"1","type":	"dynamicDataSource","parameters":{	
Output(JSON	"fetchCatalogs":true,"fetchSchemas":tru	ue, "view": "tree"}, "componentJson": {"	
Format)	@class":"com.helicalinsight.adhoc.serv	ices.DatabaseViewHandler","@classif	
	ier":"db.generic, db.c	alcite, db.workflow,	
	db.noSql"},"openQuote":"\"","closeQuo	ote":"\"","dialectName":"org.hibernate	
	.dialect.DerbyTenSevenDialect"}}		
Description of	The response of the API is, it returns th	e success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		
Screenshot	Get Dialect information for Datasource	Examples (0) +	
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V	
	Authorization Headers (1) Body Pre-request Script Tests	Code	
	form-data *x-www-form-urlencoded raw binary	Key Value Estis	
	Key-Value Edit type: adhoc		
	<pre>serviceType: metadata service: dialectInformation form@ota: "id":"a", "type":"dynamicDataSource", "parameters"; {"fetchCatalogs":true, "fetchSchemas":true, "view":"tree"}}</pre>		
		<i>#</i>	
	Body Cookies (10) Headers (4) Test Results	Status: 200 OK Time: 155 ms	
	Pretty Raw Preview JSON V	C Q Save Response	
	1* (2 "status": 1,		
	3 - "response": {		
	3 - "response": { 4 "id": "1" 5 "type": "dynamicDataSource", 6 - "parameters": {		
	<pre>3 - "response": { 4</pre>		
	<pre>3* "response": { 4</pre>	Wandler".	

4.1.9 Middleware:: Delete uploaded file/folder

User can delete uploaded file or folder as per storage Implementation(SFTP,HDFS).

URL	/services.html		
Description	The user can delete uploaded file which is uploaded with middleware		
	connection as per storage implementation for ex.sftp,hdfs		
Pre-requisite	User should have logged in before acces	ssing the service.[Refer login module]	
	If the user is not logged in then you will get	t login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8081/h1-ee/services	.html	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dataS		
	ource&service=fileOperationOverNetw	ork&formData={'transmissionType':'s	
	ftp','operationType':'deleteFile', 'parameters': {'deletefilePath':'/home/helical/tes		
HTTP Request	HTTP Request Value	Description	
Kov	III II Kequest value	Description	
type:	2010	tupo os coro	
type.	dataSource	serviceType as deteSource	
service rype.	Gla On and in One Natara de	The service is to delate unless ded file	
service:	fileOperationOverNetwork	The service is to delete uploaded file	
		for fileOperationOverNetwork	
formData:	{"transmissionType":"sttp","operation	transmissionType: user can provided	
	Type":"deleteFile","parameters":{"del	storage imple type for.Ex.stfp/hdfs	
	etefilePath":"/home/helical/testdrill-	deletefilePath: provide file path for	
	1/Invoices.csv"}} deletion of uploaded file.		
Response	{"status":1,"response":{"message":"File deleted successfully."}}		
Output(JSON			
Format)			
Description of	The response of the API is, it returns the success status value as 1 if it fails		
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		

4.1.9.1 Middleware:: Delete uploaded file

Screenshot	DeleteFile-Storage-SFTP		_	Examples	s (1) 🔫
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params	Send	- Save	~
	Authorization Headers (1) Body Pre-request Script Tests				Code
	form-data *x-www-form-uriencoded raw binary				
				Key-Valu	e Edit
	type:core service:fileOperationOverNetwork gervice:fileOperationOverNetwork formEals: {'transmissionType":"sftp", "operationType":"deleteFile", "parameters":{"deletefileFath" J'Invoices.csx"}; Body Cookies (10) Headers (4) Test Results	:"/home/helic	al/ <u>testdrill</u> - Status 200	OK Time: 5:	-// 50 ms
	Pretty Raw Preview HTML V		ūα	Save Resp	onse
	<pre>i 1 {"status":1,"response":{"message":"File deleted successfully."}}</pre>				

4.1.9.2 Middleware:: Delete uploaded folder

URL	/services.html		
Description	The user can delete uploaded folder/created which is uploaded with		
	middleware connection as per storage implementation for ex.sftp,hdfs		
Pre-requisite	User should have logged in before acces	ssing the service.[Refer login module]	
	If the user is not logged in then you will get	login nage	
Accessible for	ROLE ADMIN		
ACCESSIBLE IOI			
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	A second descended and a second se		
	Access un ough Curr command.		
	curldata		
	"i username=hiadmin&i password=hiadmin&type=core&serviceType=dataS		
	ource&service=fileOperationOverNetwork&formData={'transmissionType'.'s		
	ftp' 'operationType'.'deleteFolder' 'parameters': { 'deleteFolderPath'.'/home/heli		
	cal/testdrill-1'}}" http://192.168.2.156:8081/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	
service:	fileOperationOverNetwork	The service is to delete uploaded	
		folder for	
		fileOperationOverNetwork	
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

formData:	{"transmissionType":"sftp","operation	transmissionType: user can provided
	Type":"deleteFolder","parameters":{"	storage imple type for.Ex.stfp/hdfs
	deleteFolderPath":"/home/helical/testd	deleteFolderPath: provide folderpath
	rill-1"}}	for deletion of uploaded/created
		folder
Degnange	("atatua", 1 "rean anae", ("maasa aa", "Dir	actory delated successfully "))
Response	{ status :1, response :{ message : Dir	ectory deleted successfully. }}
Output(JSON		
Format)		
Description of	The response of the API is, it returns the	e success status value as 1 if it fails
Response	returns 0 as the status.	
Output:		
Service Status	200 OK	
Screenshot	DeleteFolder-Storage-SFTP	Examples (1) *
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Code
	● form-data ● x-www-form-urlencoded ● raw ● binary	couc
		Key-Value Edit
	J username; hiadmin	
	type:core serviceType:dataSource	
	formData:{"transmissionType":"sftp", "operationType":"deleteFolder", "pa	arameters":{" <u>deleteFolderPath</u> ":"/home/helical/ <u>testdrill</u> -1"}}
	Body Cookies (10) Headers (4) Test Results	Status: 200 OK Time: 416 ms
	Pretty Raw Preview HTML V	Q Save Response
	<pre>i 1 {"status":1, "response": {"message": "Directory deleted successfully."}}</pre>	

4.1.10 Delete Data source

User can delete data source. There are two types of deletion of data source simple and cascade data source delete. With "*simple*" delete only data source will be deleted and with "*cascade*" delete all dependent resources (reports, metadata etc) along with data source will be deleted. Based on dataSourceId datasource will be deleted which can be global or efwd if the dataSourceId is efwd then need to provide the location also in the fromdata.

4.1.10.1 Get all files related to global dataSourceID(managed datasource)

URL	/services.html
Description	The user will get all files related to global datasourceID(Managed datasource)
Pre-requisite	User should have logged in before accessing the service. [Refer login module]
	If the user is not logged in then you will get login page.

Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser : http://192.168.2.156:8081/hi-ee/services	.html
	Access through Curl command : curldata "j_username=hiadmin&j_password=hia ource&service=listing&formData={'dat http://192.168.2.156:8081/hi-ee/service	admin&type=core&serviceType=dataS aSourceId':'33','classifier':'global'}" s.html -v
HTTP Request	HTTP Request Value	Description
Key		
type:	core	type as core
serviceType:	dataSource	serviceType as dataSource
service:	listing	The service is to list the resources
		related to provided global
		datasourceID
formData:	{"dataSourceId":"87","classifier":"glo	dataSourceId: ID of the datasource
	bal"}	Classifier : global which is managed
		datasource
Response Output(JSON Format)	{"status":1,"response":{"metadataFiles":[{"met MySQL 0ubuntu0.17.10.1","connectionId":"87","lastMo _1","path":"1543917308637/4876d715-921d-43	adataName":"Metadata_1","databaseType":" 5.7.22- odified":"1543918235000","name":"Metadata 539-b06a-
	b12cb7e252a9.metadata","folderName":"/Testing Input	
	Parameter", "reportDetails": [{ "reportFileName": "4f98c97d-df9b-4ae8-9724-	
	a649e0468a8f.report", "reportName": "report", "metadataFileName": "4876d715-921d-4539-	
	b12cb7e252a9.metadata","location":"/15439173	308637/", "savedReports": [], "designerReports"
	:[{"designerReportName":"dashboard","reportF	FileName":"4f98c97d-df9b-4ae8-9724-
	a649e0468a8f.report","reportDirectory":"1543917	/308637","efwFileName":"27c714d3-dd48-
	4f15-a16e-8a16d00a881d.efw"}]}]}}	
Description of	The response of the API is, it returns the	ne success status value as 1 if it fails
Response	returns 0 as the status.	
Output:		
Service Status	200 OK	

Screenshot	Get List of all files related to DatasourceID-global		Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html Params	Send ~	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	form-data • x-www-form-urlencoded • kaw • binary		
			Key-Value Edit
	type:core <u>Service:listing</u> service:listing <u>formData</u> :{" <u>dataSourceId</u> ":"87","classifier":"global"}		
	Body Cookies (10) Headers (4) Test Results	Status: 200 OK	// Time: 44070 ms
	Pretty Raw Preview HTML V	Ē Q	Save Response
	<pre>{ 1 { "status":1,"response":("metadataFiles":[["metadataName":"Metadata_1","databaseType":"MySQL 5.7.22-0ubuntu0.17</pre>	.10.1","connectio	nId":"87","last

4.1.10.2 Get all files related to efwd dataSourceID(Plain JDBC datasource)

URL	/services.html	
Description	The user will get all files related to efwo	l datasourceID(Plain JDBC
	datasource)	
Pre-requisite	User should have logged in before acces	ssing the service.[Refer login module]
	If the user is not logged in then you will get	login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8081/hi-ee/services	.html
	curldata	
	"j_username=hiadmin&j_password=hia ource&service=listing&formData={'dat n':'1539151455503'}" http://192.168.2.1	dmin&type=core&serviceType=dataS aSourceId':'5','classifier':'efwd','locatio 56:8081/hi-ee/services.html -v
HTTP Request	HTTP Request Value	Description
Key		
type:	core	type as core
serviceType:	dataSource	serviceType as dataSource
service:	listing	The service is to list the resources

		related to provided global
		datasourceID
formData:	{"dataSourceId":"5","classifier":"efwd	dataSourceId: ID of the datasource
	","location":"1539151455503"}	Classifier : efwd which is plain
		JDBC datasource
		location : location of efwd file
Response	{"status":1,"response":{"metadataFiles":[{"meta	adataName":"AvroPlainJDBC","databaseTyp
Output(JSON	e":"Apache	Drill Server
Format)	1.14.0","connectionId":"5","lastModified":"154	3816292000","name":"AvroPlainJDBC","pat
	h":"1539151455503/b9024e41-6ceb-481a-a535	- wtDataile":[[":::::::::::::::::::::::::::::::::
	9847-4c0c-9428-	itDetails .[{ report nervaine : 9ee2a3a3-
	56c79192c58d.report","reportName":"AvroPlai	nJDBCReport","metadataFileName":"b9024e
	41-6ceb-481a-a535-	•
	c1251a77f2bc.metadata","location":"/15391514	55503/", "savedReports": [], "designerReports":
	[]}]}}	
Description of	The response of the API is, it returns the	e success status value as 1 if it fails
Response	returns 0 as the status.	
Output:		
Service Status	200 OK	
Screenshot	→ Get List of all files related to DatasourceID-efwd	Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Code
	💿 form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍 binary	
	tunaitorra	Key-Value Edit
	service:listing foremote:listing	15602"3
	INIMALA (VALASVULELU : 5 , CLASSIILE) . ELWS , INCALINA : ISSBIILES	13003 J
	Body Cookies (10) Headers (4) Test Results	A Status: 200 OK Time: 32293 ms
	Pretty Raw Preview JSON V	C Q Save Response
	1* { 2 "status": 1,	
	3 * "response": { 4 * "metadaFiles": [] 5 * {	
	6 "metadataName": "AvroPlainJDBC", 7 "databaseType": "Apache Drill Server 1.14.0", 8 "comperiorat" "5"	
	9 "lastModified": "1543816292000",	
	10 "name": "AvroPlainJDBC",	TTTT he and date
	10 "name": "AvroPlainJDBC", 11 "path": "IS39151455803/b9824e41-6ceb-481a-a535-c1251a 12 "folderwame": "", 13 - "reportbetails": [a77f2bc.metadata",

4.1.10.3 Delete global dataSourceID(managed datasource)

4.1.10.3.1 Simple- Delete global dataSourceID(managed datasource)

URL /services.html		URL	/services.html
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Description	The user can delete global datasource(m	nanaged datasource) with simple type
	which will delete only datasource.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8081/h1-ee/services	.html
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hia	dmin&type=core&serviceType=dataS
	ource&service=delete&formData={'id':'	'87', 'dataSourceProvider': 'tomcat', 'type
	':'simple','classifier':'global'}" http://192	.168.2.156:8081/hi-ee/services.html -v
HTTP Request	HTTP Request Value	Description
Key		
type:	core	type as core
serviceType:	dataSource	serviceType as dataSource
service:	delete	The service is to delete datasource
		with provided global datasourceID
formData:	{"id":"87","dataSourceProvider":"tom	dataSourceId: ID of the datasource
	cat","type":"simple","classifier":"glob	Classifier : global which is managed
	al"}	datasource
Response	{"status":1,"response":{"message":"The	e datasource 87 have been deleted
Output(JSON	successfully", "dataSourceId":87, "data": {"name": "", "id": "87", "type": "dynamic	
Format)	DataSource"}}	
Description of	The response of the API is, it returns th	e success status value as 1 if it fails
Response	returns 0 as the status.	
Output:		
Comico Status	200 OK	

Screenshot	→ Simple- Delete global dataSourceID(managed datasource)			Examples (C)) -
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params	Send	Save	~
	Authorization Headers (1) Body Pre-request Script Tests			C	ode
	G form-data 🔹 x-www-form-uriencoded G raw G binary				
	type:core <u>serviceType:dataSource</u> service:delete <u>formData</u> :{"id":"87"," <u>dataSourceProvider</u> ":"tomcat","type":"simple","classifier":"global"}			Key-Value E	dit
	Body Cookies (10) Headers (4) Test Results		Status: 200	OK Time: 78 r	ms
	Pretty Raw Preview JSON V		ΠQ	Save Respon	se
	<pre>1 * { 2 * "status": 1, 3 * "response": { 4 * "message": "The datasource 87 have been deleted successfully", 5 * "datasourceId": 87, 6 * "data": { 7 * "data": { 7 * "ata": "", 8 * "id": "s7", 9 * "type": "dynamicDataSource" 10 } 12 } </pre>				

4.1.10.3.2 Cascade- Delete global dataSourceID(managed datasource)

URL	/services.html	
Description	The user can delete global datasource(m	anaged datasource) with cascade type
	which will delete all dependent resource	es along with datasource.
Pre-requisite	User should have logged in before access	ssing the service.[Refer login module]
	If the user is not logged in then you will get	login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8081/hi-ee/services	.html
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hia	dmin&type=core&serviceType=dataS
	ource&service=listing&formData={'dat	aSourceId':'5','classifier':'efwd','locatio
	n':'1539151455503'}" http://192.168.2.156:8081/hi-ee/services.html -v	
HTTP Request	HTTP Request Value	Description
Key		
type:	core	type as core

serviceType:	dataSource	serviceType as dataSource
service:	delete	The service is to delete the resources
		related to provided global
		datasourceID
formData:	{"id":"92","dataSourceProvider":"tom	dataSourceId: ID of the datasource
	cat","type":"cascade","classifier":"glo	Classifier : global which is managed
	bal"}	datasource
Response	{"id":"92","dataSourceProvider":"tomcat","type	":"cascade","classifier":"global"}
Output(JSON		
Format)		
Description of	The response of the API is, it returns th	e success status value as 1 if it fails
Response	returns 0 as the status.	
Output:		
Service Status	200 OK	
Screenshot	,	Examples (0) 🛩
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Code
	🔍 form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍 binary	
	type:core	Key-Value Edit
	<pre>serviceType:dataSource service:delete formData:{"id":"92","dataSourceProvider":"tomcat","type":"cascade","cl</pre>	assifier":"qlobal"}
	Body Cookies (10) Headers (4) Test Results	Status: 200 OK Time: 7760 ms
	Pretty Raw Preview HTML V	C Q Save Response
	<pre>i 1 {"status":1, "response":{"message":"Metadata deleted successfully Data</pre>	source deleted successfully"}}

4.1.10.4 Delete efwd dataSourceID(Plain JDBC datasource)

4.1.10.4.1 Simple- Delete efwd dataSourceID(Plain JDBC datasource)

URL	/services.html
Description	The user can delete efwd datasource(plain JDBC datasource) with simple type

	which will delete only datasource.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services	.html	
	Access through Curl command •		
	curldata		
	"j_username=hiadmin&j_password=hia	dmin&type=core&serviceType=dataS	
	ource&service=delete&formData={'id':	1','dataSourceProvider':'tomcat','type':	
	'simple', 'classifier': 'efwd', 'directory': '153	7766417348/1541492426251/154149	
	2777596 } http://192.168.2.156:8081/h	n-ee/services.ntmi -v	
HTTP Request	HTTP Request Value	Description	
Key	-	-	
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	
service:	delete	The service is to delete the provided	
		efwd datasourceID	
formData:	{"id":"1","dataSourceProvider":"tomc	dataSourceId: ID of the datasource	
	at","type":"simple","classifier":"efwd"	Classifier : efwd which is plain	
	,"directory":"1537766417348/154149	JDBC datasource	
	2426251/1541492777596"}	directory: location of efwd file	
Response	{"status":1,"response":{"message":"The	e data source has been deleted	
Output(JSON	<pre>successfully."}}</pre>		
Format)			
Description of	The response of the API is, it returns the success status value as 1 if it fails		
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		

Screenshot	 Cascade- Delete global dataSourceID(managed datasource) 		Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html Par	ams Send	Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	🔍 form-data 🔹 x-www-form-uriencoded 🔍 raw 🔍 binary		
	type:core <u>serviceType:dataSource</u> service:delete formData:{'id'':"92","'dataSourceProvider":"tomcat","type":"cascade","classifier":"(lobal"}		Key-Value Edit
	Body Cookies (10) Headers (4) Test Results	Status: 200 OI	K Time: 7760 ms
	Pretty Raw Preview HTML V	Ē Q	Save Response
	<pre> f 1 {"status":1,"response":{"message":"Metadata deleted successfully Datasource deleted successfully"}} </pre>		

4.1.10.4.2 Cascade- Delete efwd dataSourceID(Plain JDBC datasource)

URL	/services.html		
Description	The user can delete efwd datasource(Plain JDBC datasource) with cascade		
	type which will delete all dependent resources along with datasource.		
Pre-requisite	User should have logged in before acces	ssing the service.[Refer login module]	
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dataS ource&service=listing&formData={'dataSourceId':'5','classifier':'efwd','locatio n':'1539151455503'}" http://192.168.2.156:8081/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	core	type as core	

serviceType:	dataSource	serviceType as dataSource
service:	delete	The service is to delete the resources
		related to provided efwd
		datasourceID
formData:	{"id":"1","dataSourceProvider":"tomc	dataSourceId: ID of the datasource
	at","type":"cascade","classifier":"efwd	Classifier : efwd which is plain
	","directory":"1537767315139/154409	JDBC datasource
	3880902"}	directory: location of efwd file
Response	{"status":1,"response":{"message":"The	e data source has been deleted
Output(JSON	<pre>successfully."}}</pre>	
Format)		
Description of	The response of the API is, it returns th	e success status value as 1 if it fails
Response	returns 0 as the status.	
Output:		
Service Status	200 OK	
Screenshot	Cascade- Delete efwd dataSourceID(Plain JDBC datasource)	Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send 💙 Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests	Code
	• form-data • x-www-form-unencoded • raw • binary	
	turn-data • x-www-form-Unencoded • raw • oinary	Key-Value Edit
	type:core sarvice:type:core sarvice:type:core formate: "Ind" "1" "dataSource formate: "Ind" "1" "dataSourceProvider" "tomat" "type" "cascade" "clas	Key-Value Edit
	type:core <u>serviceType:dataSource</u> <u>serviceType:dataSource</u> <u>serviceType:dataSourceProvider</u> ":"tomcat", "type":"cascade", "clas	Key-Value Edit ssifier":" <u>efwd</u> ","directory":"1537767315139/1544093680902"}
	type:core service:delete formData:{"id":"1","dataSourceProvider":"tomcat","type":"cascade","clar	Key-Value Edit ssifier":" <u>efwd</u> ","directory":"1537767315139/1544093880902"}
	type:core serviceType:dataSource serviceCodelete formosta: ("id": "1", "dataSourceProvider": "tomcat", "type": "cascade", "clast Body Cookies (10) Headers (4) Test Results	Key-Value Edit ssifier":" <u>efwd</u> ","directory":"1537767315139/15440038800902"} Statu: 200 OK Time: 42 ms
	type:core <u>serviceType:dataSource</u> <u>serviceType:dataSourceProvider</u> ":"tomcat", "type":"cascade", "clas <u>Body</u> Cookies (10) Headers (4) Test Results Pretty Raw Preview HTML V	Key-Value Edit ssifier": "efwd", "directory": "1537767315139/15440936800902"} Status: 200 OK Time: 42 ms © Q Save Response
	type:core service:type:core service:tdelete formData: {"1d": "1", "dataSourceProvider": "tomcat", "type": "cascade", "clast Body Cookies (10) Headers (4) Test Results Pretty Raw Pretty Raw Pretty It ["status":1,"response": ("message": "The data source has been deleted su	Key-Value Edit ssifier": "efwd", "directory": "1537767315139/1544093880902"} Status: 200 OK Time: 42 ms Image: 200 OK Status: 200 OK
	Form-data x.www.iorm-driencoded Faw Sinary type:core serviceType:dataSource serviceType:dataBource serviceType:idataSourceProvider": "tomcat", "type": "cascade", "clast formoata: ("1d": "1", "dataSourceProvider": "tomcat", "type": "cascade", "clast Body Cookies (10) Headers (4) Test Results Pretty Raw Preview HTML Image: Cookies (10) f 1 ("status":1, "response": ("message": "The data source has been deleted su	Key-Value Edit ssifier": "efwd", "directory": "1537767315139/15440936800902"} Status: 200 OK Time: 42 ms C Save Response cccessfully."}}

4.2.2 Test Edited Managed Datasource

URL	/services		
Description	It allows user to test the edited connection details while updating the		
	managed datasource connection, so that before saving the datasource we		
	can test the provided connection.		
	Note : If the connection details(host,username,password,dbname) are not		
	correct, then you will get an Except	ion.	
Pre-requisite	User should have logged in before a	ccessing the service. Refer login	
•	module]		
	If the user is not logged in then you wil	l get login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Note : Here we are testing the My	SQL db connection using managed	
	datasource , same way you can edi	it different supported datasource	
	connections.		
	Access through browser :		
	http://192.168.2.156:8085/hi-ee//services		
	Access through Curl command :		
	curldata		
	uii uala "i username-hiadmin&i nassword-hiadmin&twne-core&serviceTwne-		
	dataSource&service=test&formData={'classifier'.'global' 'name'.'EditMa		
	nagedDS','driverName':'com.mysql.jdbc.Driver','userName':'hiuser','pass		
	word': 'hiuser', 'jdbcUrl': 'jdbc:mysql://192.168.2.156:3306/Sales_Data', 'dat		
	aSourceProvider':'tomcat','id':'7','type':'dynamicDataSource'}"		
	http://192.168.2.156:8085/hi-ee//ser	vices -v	
HIIP Request Key	HI IP Request Value	Description	
type:	core	type as core	
service I ype:	dataSource	service I ype as dataSource	
service:	test	The service is to test the provided	
		connection details while creating	
		managed datasource connection.	
tormData:	{"classifier":"global","name":"Edit	name : name of the datasource	
	ManagedDS [*] , driverName [*] : com.	Id: I his is the id of the existing	
	iuser" "password"."hiuser" "idbell	modify	
	rl":"jdbc:mysql://192.168.2.156:33	mouny.	

	06/Sales_Data","dataSourceProvid	
	er":"tomcat","id":"7","type":"dyna	
	micDataSource"}	
Response	{	
Output(JSON	"status":1,	
Format)	"response":{"message":"The connection test is successful"}	
	}	
Description of	The response of the API is, it returns the success status value as 1 if it	
Response Output:	fails returns 0 as the status.	
	It returns response as the success message.	
	If all the credential and jdbc url is correct the user will get success	
	message.	
Service Status	200 OK	
Screenshot	POST V http://192.168.2.156:8085/hi-ee//services Params Send V Save V	
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code	
	◎ form-data *x-www-form-urlencoded raw binary	
	Key-Value Edit	
	type:core service:tost formData: {"classifier":"global", "name":"EditManagedDS", "driverName":"com.mysql.jdbc.Driver", "userName":"hiuser", "password":"hiuser", "jdbcUrl":"jdbc {"classifier":"global", "name":"EditManagedDS", "driverName":"com.mysql.jdbc.Driver", "userName":"hiuser", "password":"hiuser", "jdbcUrl":"jdbc {"classifier":"global", "name":"EditManagedDS", "driverName":"com.mysql.jdbc.Driver", "userName":"hiuser", "password":"hiuser", "jdbcUrl":"jdbc {"vier", "lobal", "name":"EditManagedDS", "driverName":"com.mysql.jdbc.Driver", "userName":"hiuser", "password":"hiuser", "jdbcUrl":"jdbc {"vier", "lobal", "name":"EditManagedDS", "driverName":"com.mysql.jdbc.Driver", "userName":"hiuser", "password":"hiuser", "jdbcUrl":"jdbc imysql://ig2.i68.2.i56:3306/Sales_Data", "dataSourceProvider":"[tomcat", "id":"7", "type":"dynamicDataSource"]	
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 104 ms Size: 381 B	
	Pretty Raw Preview HTML V 5	
	<pre>i 1 {"status":1, "response": ("message": "The connection test is successful."))</pre>	

4.2.3 Edit Plain JDBC Datasource

URL	/services	
Description	The user can update any changes in the plain Jdbc datasources.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Note : Here we are creating the MySQL db connection using plain Jdbc datasource , same way you can create different supported datasource connections. Access through browser : http://192.168.2.156:8085/hi-ee//services Access through Curl command :	

curldata "j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dataS ource&service=update&formData={'classifier':'efwd','name':'EditPlainJdbcD S','driverName':'com.mysql.jdbc.Driver','userName':'hiuser','password':'hiuser' ,'jdbcUrl':'jdbc:mysql://192.168.2.156:3306/Sales_Data','directory':15075547 17873','type':'sql.jdbc','id':'1'}" http://192.168.2.156:8085/hi-ee//services -v		
HTTP Request Value	Description	
core	type as core	
dataSource	serviceType as dataSource	
update	The service is update to modifiy existing datasource connection	
{"classifier":"efwd","name":"EditPlainJdb cDS","driverName":"com.mysql.jdbc.Driv er","userName":"hiuser","password":"hius er","jdbcUrl":"jdbc:mysql://192.168.2.156 :3306/Sales_Data","directory":"15075547 17873","type":"sql.jdbc","id":"1"}	name : name of the datasource id: This is the id of the existing datasource which we are going to modify.	
<pre>{ { "status":1,"response":{"message":"The efwd connection is updated with the new details successfully."} } The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status</pre>		
It returns response as the success message. The respective datasource is modified and saved in the backend. The updated details get saved in .efwd file at stored location.		
POST http://192.168.2.156:8085/hi-ee//services Authorization Headers (1) Body • Pre-request Script Tests • form-data * x-www-form-urlencoded • raw • binary type:core service:update • raw • binary form-data * x-www-form-urlencoded • raw • binary type:core service:update • raw • binary formbata: {"classifier":efwd", "name":"EditPlainJdbcDS", "driverName":"com.mysql.jdbc.Dr: :mysql://192.168.2.156:3306/Sales_Data", "directory":"1597554717873", "type":"sol Body Cookles (5) Headers (7) Tests Pretty Raw Preview	Params Send Save Cookles Cookles Cookles Key-Value Edit Kver", "userName": "hiuser", "password": "hiuser", "jdbcUr1": "jdbc [1.jdbc", "id": "1"] Status: 200 OK Time: 66 ms State: 412 B	
	curldata "j_username=hiadmin&j_password=hiadmi: ource&service=update&formData={'classifi S','driverName':'com.mysql.jdbc.Driver','use ,'jdbcUrl':'jdbc:mysql://192.168.2.156:3306/ 17873','type':'sql.jdbc','id':'1')" http://192.16 HTTP Request Value core dataSource update {"classifier":"efwd", "name":"EditPlainJdb cDS", "driverName":"com.mysql.jdbc.Driv er", "userName":"hiuser", "password":"hius er", "jdbcUrl":"jdbc:mysql://192.168.2.156 :3306/Sales_Data", "directory":"15075547 17873", "type":"sql.jdbc", "id":"1"} { "status":1, "response":{"message":"The efwd new details successfully."} } The response of the API is , it returns the su returns 0 as the status. It returns response as the success message. The respective datasource is modified and sa details get saved in .efwd file at stored locat 200 OK POST / http://192.168.2.156 save/form.dtas/www.form.utencaded @ nw @ heary form.dtas *www.form.utencaded @ nw @ heary form.dtas *www.form.dtas **ford.file.dtas **ford.file.dtas **ford.file.dtas **ford.file.dtas **ford.file.dtas **ford.f	

4.2.4 Test Edited Plain JDBC Datasource

URL	/services		
Description	It allows user to test the edited connection	on details while updating the	
-	plain Jdbc datasource connection, so that before saving the datasource		
	we can test the provided connection.		
	we can test the provided connection.		
	Note : If the connection details (host username password dyname) are not		
	correct then you will get an Exception		
	concer, then you will get an Exception.		
Pre-requisite	User should have logged in before accessing the service. Refer login		
	module]		
	If the user is not logged in then you will get	login nage	
Accessible for	ROLE ADMIN		
HTTP Request	POST		
Method			
Example	Note : Here we are creating the MvSO	DL db connection using plain	
Lixumpic	Idbc datasource , same way you can create different supported		
	datasource connections.		
	Access through browser :		
	http://192.168.2.156:8085/hi-ee//services		
	A coose through Curl command :		
	Access un ough Curi commanu :		
	curldata		
	"i username=hiadmin&i password=hiadmin&type=core&serviceType=		
	dataSource&service=test&formData={'classifier':'efwd','name':'EditPlain		
	JdbcDS', 'driverName': 'com.mysql.jdbc.Driver', 'userName': 'hiuser', 'passw		
	ord':'hiuser','jdbcUrl':'jdbc:mysql://192.168.2.156:3306/Sales_Data','direc		
	tory':1507554717873','type':'sql.jdbc','id':'1'}"		
	http://192.168.2.156:8085/h1-ee//service		
HIIP Request Key	HITP Request value		
	core dataSauraa	type as core	
service i ype:	dataSource	service I ype as dataSource	
service:	test	The service is to test the	
		provided connection details	
		while creating plain Jdbc	
		datasource connection.	
tormData:	{"classifier":"etwd","name":"EditPlai	name : name of the datasource	
	nJabcDS", "ariverName": "com.mysql.j	id: This is the id of the existing	
	abc.Driver, useriname : niuser, pas	datasource which we are going	
	sword : muser , judcori : judc:mysq	to modify.	

	1://192.168.2.156:3306/Sales_Data","d		
	irectory":"1507554717873","type":"sq		
	l.jdbc","id":"1"}		
Response	{		
Output(JSON	"status":1,		
Format)	<pre>"response":{"message":"The connection test is successful"} }</pre>		
Service Status	200 OK		
Description of	The response of the API is, it returns the success status value as 1 if it		
Response Output:	fails returns 0 as the status.		
	It returns response as the success message.		
	If all the credential and jdbc url is correct the user will get success		
	message.		
Screenshot	POST V http://192.168.2.156.8085/hi-ee//services Params Send V Save V		
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code		
	O form-data ● x-www-form-urlencoded ● raw ● binary		
	Key-Value Edit		
	type:core service:tostpe:dataSource service:tost formoata: {"classifier":"efwd","name":"EditPlainJdbcDS","driverName":"com.mysql.jdbc.Driver","userName":"hiuser","password":"hiuser","jdbcurl":"jdbc :mysql://192.168.2.156:3306/Sales_Data","directory":"1507554717873","type":"sql.jdbc","id":"1"}		
	Body Cookles (5) Headers (7) Tests Status: 200 OK Time: 25 ms Size: 380 B		
	Pretty Raw Preview		
	The second		

4.2.5 Datasource Cache Management

Datasource Cache Management is the new implementation which is implemented to cache the datasource connection which helps to increase the metadata performance.

Below are the service API's to get more info about datasource cache .

4.2.5.1 Datasource Cache Status

URL	/services
Description	With this service API user will get datasource connection status.
Pre-requisite	User should have logged in before accessing the service. Refer login

	module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	http://192.168.2.156:8085/hi-ee//service	S
	Access through Curl command :	
	curldata	
	'i username=hiadmin&i password=hiad	dmin&type=adhoc&serviceType
	=metadata&service=cachedConnection	Status'
	http://192.168.2.196:7085/hi-ee//service	es -v
HTTP Request Key	HTTP Request Value	Description
type:	adhoc	type as core
serviceType:	metadata	serviceType as dataSource
service:	cachedConnectionStatus	The service is get the cached
		connection status
Response	{"status":1,"response":{"data":[{"id":5,	"isDatabaseMetadataCached":tru
Output(JSON	e},{"id":1,"isDatabaseMetadataCached	":true}]}
Format)	}	
Service Status	200 OK	a analoga status value og 1 if it
Description of Bosponso Output:	fails returns 0 as the status	le success status value as 1 ll lt
Response Output.	It returns response as the success messa	ge with datasource
	ConnectionID.	ge with autobalee
Screenshot	POST + http://192.168.2.196:7085/hi-ee/services	Send 🔻 Save 👻
	none form-data s-www-form-urlencoded raw binary GraphQL scree	
	Key-Value Edit	
	j_password:hiadmin type:adhoc serviceType:metadata service:grahednonectionStatus	
	Body Cookies (4) Headers (7) Test Results	Status: 200 OK Time: 63ms Size: 412 B Save Response 🔻
	Pretty Raw Preview Visualize *** HTML * 1 ("status":1, "response": ("data": [{"id":5, "isDatabaseMetadataCached":true), ("id":	1,"isDatabaseMetadataCached":true}]}}

4.2.5.2 Datasource Cache Result

URL	/services

Description	It allows user to get the cache result of cached datasource.		
Pre-requisite	User should have logged in before accessing the service. Refer login		
	module]		
	If the user is not logged in then you will get	login page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/h1-ee//services		
	Access through Curl command :		
	curldata		
	'j_username=hiadmin&j_password=hiadmin&type=core&serviceType=d		
	ataSource&service=cacheStats&formData={"action":"cacheResult"}		
HTTP Request Key	HTTP Request Value	S-V Description	
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	
service:	cacheStats	The service is to get the cache	
		stats or info	
formData:	{"action":"cacheResult"}	Action is to get the cache result.	
		0	
Response	{"status":1,"response":{"cacheResults":	{"fa2f2ffa3280ec376fc4da94253	
Output(JSON	579a9":[{"status":1,"response":{"classifier":"db.workflow","metadata":{		
Format)	"catalogs":[{"name":"Null","schemas":[{"name":"SYSCAT","tables":[]}	
]}],"dataSource":{"id":"1","type":"dynamicDataSource","baseType":"glo		
	bal.jubc, catSchemaPredicted :false, sync :false, catalog :: ", "schema":		
	ave"·1 "resultPave"·1}]}}		
Service Status	200 OK		
Description of	The response of the API is, it returns the success status value as 1 if it		
Response Output:	fails returns 0 as the status.		
1			
	It returns response as the success message	ge along with cache result and	

Screenshot	POST + http://192.168.2.196:7085/hi-ee/services	Send 🔻 Save 💌
	Params Authorization Headers (10) Body • Pre-request Script Tests Settings	Cookies Code
	none form-data ex-www-form-urlencoded raw binary GraphQL	
		Key-Value Edit
	ServiceType:dtatSource service:cachestats formData:{"action":"cacheResult"} Body Cookies (4) Headers (7) TestResults	Status: 200 OK Time: 52ms Size: 16.54 KB Save Response 🔻
	Pretty Raw Preview Visualize	Q
	<pre>1 @"status":1,"response":("cacheResults":("fa2f2ff3280ec376fc4da94253570e0":[("stat [("name":"Wull","schemas":[("name":"SVGAT","tables":[])])]."cataSource:("fdd" "catSchemaPedicted":false,"provirtalse,"catalog":"","schemas":"SVGAT","name" "resultPage":13]],"Z2Diedof108dd1cec68f30d2D40+";["statSource":("dd":"","provirtalse," "datSource":"MullI","tables":[]));"/datSource":("dd":"",","provirtalse," "schemas":("dd":"MullI","tables":[]));"/","ataSource":"",","provirtalse," "schemas":("dd":"MullI",",","tables":[]));","ataSource":",",","provirtalse,",",",",",",",",",",",",",",",",",","</pre>	us'il,"response":("classifier":"db.workflow","metadata":("catalogs": " "'","type":"dynamicDataSource","basefype":"global.idbot", ""SYGAT"),"postion"""d","maxSize"'1","cataloga":("dost)," classifier":"db.workflow","metadata":("catalogs":("mome":"Hull", maxGlotaSource","basefype":"global.idbot","cataSchem@Predited":"Hull", maxGlotaSource","masefype":"global.idbot","cataSchem@Predited":"Hull", maxGlotaSource","masefype":"global.idbot","dostSchem@Predited":"Hull", maxGlotaSource","hasefype":"global.idbot","dostSchem@Predited":"Hull", maxGlotaSource","hasefype":"global.idbot","dostSchem@Predited":"Hasefype":"global.idbot","dostSchem@Predited":"Hasefype":"global.idbot","dostSchem@Predited":"Hasefype:"global.idbot","dostSchem@Predited":"Hasefype:"global.idbot","dostSchem@Predited":"Hasefype:"global.idbot","dostSchem@Predited":"Hasefype:"global.idbot","dostSchem@Predited":"Hasefype:"global.idbot","dostSchem@Predited":"Hasefype:"global.idbot","hasefype:"global.idbot","dostSchem@Predited":"Hasefype:"global.idbot","hasefype:"global.idbot","hasefyp

4.2.5.3 Datasource Clear Cache

URL	/services		
Description	It allows user to clear the cache datasources from memory		
Pre-requisite	User should have logged in before accessing the service.[Refer login module] If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//services		
	Access through Curl command :		
	curldata		
	'j_username=hiadmin&j_password=hiadmin&type=core&serviceType=d ataSource&service=cacheStats&formData={"action":"clearCache"}' http://192.168.2.196:7085/hi-ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	
-------------------------	---	--	
service:	cacheStats	The service is to get the cache	
		stats or info	
formData:	{"action":"clearCache"}	Action is to clear the cache.	
Response	{"status":1,"response":{"response":"Suc	ccessfully cleared all the	
Output(JSON	cache."}}		
Format)			
Service Status	200 OK		
Description of	The response of the API is, it returns the	e success status value as 1 if it	
Response Output:	fails returns 0 as the status.		
	It returns response as the success messa	ge	
Screenshot	POST	Send v Save v	
	Params Authorization Headers (10) Body Pre-request Script Tests Settin	gs Cookies Code	
	none form-data x-www-form-urlencoded raw binary GraphQL BETA		
		Key-Value Edit	
]_USErname:hladnin]_passov(ihladnin VerviceType:dataSource service:canbestats formData:{"action":"clearCache")		
	Body Cookies (4) Headers (7) Test Results	Status: 200 OK Time: 207ms Stze: 370 B Save Response +	
	Pretty Raw Preview Visualize BETA HTML -	■ Q	
	1 — {{"status":1, "response":{"Successfully cleared all the cache."}}	1	

4.2.5.3 Datasource Cache Delete By Cacheld

URL	/services
Description	It allows user to delete the cache datasources from memory.For that user
	need to provide the cacheID (it is a cache key which is stored in
	(CACHE_DATASOURCE) table of hiee database.
Pre-requisite	User should have logged in before accessing the service. Refer login
	module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request	POST
Method	
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee//services

	Access through Curl command :	
	curldata 'j_username=hiadmin&j_password=hiad ataSource&service=cacheStats&formDa ,"cacheId":"fa2f2ffa3280ec376fc4da942 http://192.168.2.196:7085/hi-ee//service	dmin&type=core&serviceType=d ata={"action":"deleteCacheById" 253579a9"}' es -v
HTTP Request Key	HTTP Request Value	Description
type:	core	type as core
serviceType:	dataSource	serviceType as dataSource
service:	cacheStats	The service is to get the cache stats or info
formData:	{"action":"deleteCacheById","cacheId ":"fa2f2ffa3280ec376fc4da94253579a 9"}	Action is to delete the cache by id which is the cachekey from cache_datasource table.
Response Output(JSON Format)	{"status":1,"response":{"response":"Del cacheId :true"}}	lete status for given
Service Status	200 OK	
Description of Response Output:	The response of the API is , it returns th fails returns 0 as the status. It returns response as the success messa	e success status value as 1 if it ge
Screenshot	POST + http://192.168.2.196:7085/hi-ee/services	Send 🔻 Save 👻
	Params Authorization Headers (10) Body • Pre-request Script Tests Settin	gs Cookies Code
	none form-data swww-form-urlencoded raw binary GraphQL BETA	
	j_username:hladmin j_password:hladmin type:core serviceType:dataSource service:cacheStats formData:{"action":"deleteCacheById","cacheId":"fa2f2ffa3200ec376fc4da94253579a9"	Key-Value Edit
	Body Cookies (4) Headers (7) Test Results	Status: 200 OK Time: 198ms Size: 372 B Save Response 💌
	Pretty Raw Preview Visualize BETA HTML + =	■ Q.
	1 grstatus-:1,"response-:(response::"uelete status for given cachelo :true-)g	

4.2.5.3 Datasource Cache Read By Cacheld

URL	/services
Description	It allows user to read the cache datasources from memory.For that user need to provide the cacheID (it is a cache key which is stored in (CACHE_DATASOURCE) table of hiee database.
Pre-requisite	User should have logged in before accessing the service. [Refer login

	module]	
	If the user is not logged in then you will get	login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://102.168.2.156:8085/hi ag//geruiage	
	Intp.//172.100.2.130.000J/III-00//Services	
	Access through Curl command :	
	curl data	Imin & type=core & corrigoType=d
	j_username=maumin&j_password=mac	ininiatype=coreaserviceType=u
	cacheId":"ea78540cc974c373834fbf4e1	a2b97ac"}'
	http://192.168.2.196:7085/hi-ee//service	S -V
HTTP Request Key	HTTP Request Value	Description
type:	core	type as core
serviceType:	dataSource	serviceType as dataSource
service:	cacheStats	The service is to get the cache
		stats or info
formData:	{"action":"readCacheById","cacheId":	Action is to read the cache by id
	"ea78540cc974c373834fbf4e1a2b97ac	which is the cachekey from
		cache_datasource table.
Response	{"status":1,"response":{"cacheResults":	[{"status":1,"response":{"classifi
Output(JSON	er : "db.workflow", "metadata": { "catalog	s:[{ name : Null, schemas :[{
Format)	name : SQLJ , tables :[]}]], dataSot	Irce :{ Id : I, type : dynamicD
	false "catalog":"" "schema":"SOL I"] "n	anschemarreuleted .naise, sync .
	maxSize"·"1" "totalPage"·1 "resultPage"	··1}]}}
Service Status	200 OK	
Description of	The response of the API is, it returns th	e success status value as 1 if it
Response Output:	fails returns 0 as the status.	
	It returns response as the success message along with cached datasource	
1		

Screenshot	POST + http://192.168.2.196:7085/hi-ee/services S	end 🔻 Save 💌
	Params Authorization Headers (10) Body Pre-request Script Tests Settings	Cookies Code
	none form-data rwww-form-urlencoded raw binary GraphQL BETA	
		Key-Value Edit
	type:core service:fype:dataSource service:cacheStats formData:{"action":"deleteCacheById","cacheId":"fa2f2ffa3280ec376fc4da94253579a9"}	ĥ
	Body Cookies (4) Headers (7) Test Results Status: 200 OK Time: 198ma Size:	372 B Save Response 👻
	Pretty Raw Preview Visualize ^{BETA} HTML *	Q
	1 {"status":1,"response":("response":"Delete status for given cacheId :true")}	1

4.3 List Datasource

URL	/listDataSources
Description	It shows the list of the existing datasources according to requested type and
	classifier described in HTTP Request Key-Value section.
Pre-requisite	User should have logged in before accessing the service.[Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request	POST,GET
Method	
Example	Note : Access through browser is the GET method for listing out the datasource.We can list all type of data which is already created. Under response section we are taking the example of managed Datasource.
	Access through browser : List of datasources for managed datasource: <u>http://192.168.2.156:8085/hi-</u> <u>ee//listDataSources?type=global.jdbc&name=Managed+DataSource&classifier=global</u>

	List of datasources for Plain JDBC datasource: <u>http://192.168.2.156:8085/hi-</u> <u>ee//listDataSources?type=sql.jdbc&name=Plain+Jdbc+DataSource&classifier=efwd</u>	
	Access through Curl command : curldata "j_username=hiadmin&j_password=h aged+DataSource&classifier=global"	iiadmin&type=global.jdbc&name=Man http://192.168.2.156:8085/hi-
HTTP Request	ee//listDataSources -v HTTP Request Value	Description
Key		
type:	global.jdbc	global.jdbc/ sql.jdbc
name:	Managed+DataSource	Managed+DataSource / Plain+Jdbc+DataSource
classifier:	global	 Values can be global/efwd. If the classifier is global then details are stored in globalConnections.xml If the classifier is efwd then details are stored in respective efwd file.
Response Output(JSON Format)	{"dataSources":[{"name":"Sample DS","data":{"id":"3","type":"nonPool rovider":"none"},{"name":"test2","da missionLevel":5,"dataSourceProvider Derby","data":{"id":"1","type":"dynam dataSourceProvider":"tomcat"},{"nam {"id":"2","type":"dynamicDataSource vider":"tomcat"},{"name":"test1","dat e"},"permissionLevel":5,"dataSource I","data":{"id":"5","type":"dynamicDataSource ourceProvider":"tomcat"},{"name":"test taSource"},"permissionLevel":5,"data ditManagedDS","data":{"id":"7","typ evel":5,"dataSourceProvider":"tomcat" "8","type":"dynamicDataSource"},"per :"tomcat"}]}	Oracel ed"},"permissionLevel":5,"dataSourceP ta":{"id":"9","type":"nonPooled"},"per ":"none"},{"name":"SampleTravelData micDataSource"},"permissionLevel":5," ne":"SampleTravelDataMySQL","data": e"},"permissionLevel":5,"dataSourcePro ca":{"id":"4","type":"dynamicDataSource Provider":"tomcat"},{"name":"testMysq ataSource"},"permissionLevel":5,"dataS est","data":{"id":"6","type":"dynamicDa aSourceProvider":"tomcat"},{"name":"E e":"dynamicDataSource"},"permissionL ta",{"name":"ManagedDS","data":{"id": ermissionLevel":5,"dataSourceProvider"
Description of Response	The response we get as the datsource datasource with type of datasource	array with name of the datasource, if of
Output:	Depending upon the type parameter lists are generated , following are the name : Name of datasource data : Array having dataid and type o	and classifier parameter the different different parameters : f connecion

	permissionLevel : permissionLevel of datasource dataSourceProvider : Datasource provider name etc
Service Status	200 OK
Screenshot	GET http://192.168.2.156:8085/hi-ee//listDataSources?type=global.jdbc&name=Managed+DataSource&cla Params Send Save > Authorization Headers (1) Body Pre-request Script Tests Cookies Code
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 56 ms State: 1.34 KB Pretty Raw Preview
	<pre>{"dataSources":[{"name":"Sample Oracel DS","data": {"id":"3","type":"nonPooled"},"permissionLevel":5,"dataSourceProvider":"none"}, {"name":"test2","data": {"id":"0",""permissionLevel":5,"dataSourceProvider":"none"}, {"name":"SampleTravelDataDerby","data": {"id":"1","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"none"}, {"name":"SampleTravelDataMySQL","data": {"id":"2","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"nonet"}, {"name":"SampleTravelDataMySQL","data": {"id":"2","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"nonet"}, {"name":"test1","data": {"id":"2","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"nonet"}, {"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"nonet"}, {"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"}, {"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"}, {"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"},"f"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"},"f"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"},"f"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"},"f"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"},"f"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider":"tomcat"},"f"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider':"tomcat"},"f"name":"testMysql","data": {"id":"5","type":"dynamicDataSource"},"permissionLevel":5,"dataSourceProvider':"tomcat"},"f"name","ManagedDS","data": {</pre>

4.4 Metadata Operations

4.4.1 Metadata Create

4.4.1.1 Retrieve catalogs and schemas :

URL	/services
Description	It fetch the list of available catalogs and schemas for selected datasource.
	When you select datasource for creation of metadata it will gives you the list
	of catalogs and schemas.
Pre-requisite	User should have logged in before accessing the service. [Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN
HTTP Request	POST
Method	
Example	Access through browser :
	http://192.168.2.156:8085/hi-ee//services
	Access through Curl command :

	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=metadataWorkflow&formData={'id':'1','type':'dynamicDataSo urce','parameters':{'fetchCatalogs':true,'fetchSchemas':true}}" http://192.168.2.156:8085/hi-ee//services -v	
HTTP Request Key	HTTP Request Value	Description
type:	adhoc	Type as adhoc
serviceType:	metadata	Service type as metadata
service:	metadataWorkflow	Service as metadataWorkflow to create metadata.
formData:	{ "id":"1","type":"dynamicDataSource ","parameters":{"fetchCatalogs":true ,"fetchSchemas":true} }	formData contains the id which is the datasource connection ID . Type is the type of datasource, parameters include the fetchCatalogs and fetchSchemas true/false values.
Response Output(JSON Format)	<pre>{ { "status":1,"response":{"classifier":"db schemas":["APP","HIUSER","NULLI S_DIAG","SYSCS_UTIL","SYSFUN "]}} }</pre>	.workflow","metadata":{"catalogs":[]," ID","SQLJ","SYS","SYSCAT","SYSC ","SYSIBM","SYSPROC","SYSSTAT
Description of Response Output:	The response of the API is , it returns returns 0 as the status. The metadata with list of catalogs and datasource. classifier : name of classifier metadata : metadata array catalogs : list of catalogs schemas : Schema array with schema	the success status value as 1 if it fails schemas get return as per selected name nad related information.
Service Status	200 OK	

Authorization Headers (1) Body Pre-request Script Tests	Cookies Code
◎ form-data x-www-form-urlencoded raw binary	
type:adhoc serviceType:metadata service:metadataWorkflow "formData:f"d":"z", "type":"dynamicDataSource", "parameters":f"fetchCataloos":true."fet	Key-Value Edit
	isabou dalami - Herawaki
	2
Body Cookles (5) Headers (7) Tests	Status: 200 OK Time: 64 ms Size: 510 B
Body Cookles (5) Headers (7) Tests Pretty Raw Preview	Status: 200 OK Time: 64 ms Size: 510 B

4.4.1.2 Retrieve tables of selected schema:

URL	/services	
Description	It fetch the list of available tables of selected schema.	
	When you select schema for creation of metadata it will give you the list of	
	tables present in the schema.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example		
	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=metadataWorkflow&formData={'id':'1','type':'dynamicDataSo urce','parameters':{'fetchTables':true,'fetchData':[{'schemas':[{'name':'HIUSE	
	R'}]}}" http://192.168.2.156:8085/hi-ee//services -v	

HTTP Request	HTTP Request Value Description				
Key					
type:	adhoc	Type as adhoc			
serviceType:	metadata	Service type as metadata			
service:	metadataWorkflow	tadataWorkflow to create metadata.			
formData:	{"id":"1","type":"dynamicDataSourc e","parameters":{"fetchTables":true, "fetchData":[{"schemas":[{"name":" HIUSER"}]}]}	formData contains the id which is the datasource connection ID . Type is the type of datasource, parameters include the fetchtables as true and fetchData array contains the name of the schema which we are going to use for metadata create.			
Response Output(JSON Format)	{ "status":1,"response":{"classifier":"db schemas":["APP","HIUSER","NULLI S_DIAG","SYSCS_UTIL","SYSFUN "]}} }	.workflow","metadata":{"catalogs":[]," D","SQLJ","SYS","SYSCAT","SYSC ","SYSIBM","SYSPROC","SYSSTAT			
Description of Response Output:	The response of the API is , it returns returns 0 as the status. classifier : name of classifier metadata : metadata array catalogs : list of catalogs schemas : Schema array with schema The metadata array with list of tables s	the success status value as 1 if it fails name nad related information.			
Service Status	200 OK				
Screenshot	POST http://192.168.2.156:8085/hi-ee//services Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw • binary type:adhoc service:metadata service:metadata service:metadataworkflow formData: {"id": "1", "type": "dynamicDataSource", "parameters": {"fetchTr Body Cookies (5) Headers (7) Tests Prety Raw Preview {"status":1,"response": {"classifier": "db.workflow", "metadata": {"catalogs", "PENLOYEE_DETAILS", "GEOCORDINATES", "MEETING_DETAILS", "MEETING, "MEETING, "MEETING, "MEETING, "MEETING, "MEETING,	Params Send Save Cookies Cookies <thcookies< th=""> <thcookies< th=""> <thc< th=""></thc<></thcookies<></thcookies<>			

4.4.1.3 Retrieve columns of selected tables:

URL	/services			
Description	It fetch the list of associated columns	of selected tables.		
	When you select tables for creation of	metadata it will give you the list of		
	columns present in the table.			
Pre-requisite	User should have logged in before accessing the service. [Refer login module]			
	If the user is not logged in then you will get login nage			
Accessible for	ROLE ADMIN			
HTTP Request	POST			
Method				
Example	Access through browser :			
	http://192.168.2.156:8085/hi-ee//servie	ces		
	Access through Curl command :			
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=metadataWorkflow&formData={'id':'1','type':'dynamicDataSo urce','parameters':{'fetchColumns':true,'fetchData':[{'schemas':[{'name':'HIUS ER','tables':['EMPLOYEE_DETAILS','MEETING_DETAILS']}]}]}" http://192_168_2_156:8085/hi-ee//servicesv			
HTTP Request	HTTP Request Value	Description		
Key				
type:	adhoc	Type as adhoc		
serviceType:	metadata	Service type as metadata		
service:	metadataWorkflow	Service as metadataWorkflow to create metadata.		
formData:	{"id":"1","type":"dynamicDataSourc e","parameters":{"fetchColumns":tr ue,"fetchData":[{"schemas":[{"nam e":"HIUSER","tables":["EMPLOYE E_DETAILS","MEETING_DETAI LS"]}]}}	formData contains the id which is the datasource connection ID . Type is the type of datasource, parameters include the fetchColumns as true and fetchData array contains the name of the schema with selected tables which we are going to use for metadata create.		
Response Output(JSON Format)	{"status":1,"response":{"classifier":"db.workflow" [{"name":"HIUSER","tables":[{"name":"EMPLOY "FALSE","name":"EMPLOYEE_ID","position":"I :"TRUE","name":"EMPLOYEE_NAME","position	,"metadata":{"catalogs":[{"name":"Null","schemas": YEE_DETAILS","columns":[{"size":"10","nullable": I","type":"java.lang.Integer"},{"size":"50","nullable" n":"2","type":"java.lang.String"},{"size":"10","nullab		

	<pre>le":"TRUE", "name":"AGE", "position":"3", "type":"java.lang.Integer"}, {"size":"50", "nullable":"TRUE", "name":"ADDRESS", "position":"4", "type":"java.lang.String"}]}, {"name":"MEETING_DETAILS", "co lumns":[{"size":"10", "nullable":"TRUE", "name":"MEETING_ID", "position":"1", "type":"java.lang.Inte ger"}, {"size":"29", "nullable":"TRUE", "name":"MEETING_DATE", "position":"2", "type":"java.lang.Int estamp"}, {"size":"10", "nullable":"TRUE", "name":"MEETING_BY", "position":"3", "type":"java.lang.In estamp"}, {"size":"50", "nullable":"TRUE", "name":"MEETING_PURPOSE", "position":"4", "type":"java.lang.St ring"}, {"size":"50", "nullable":"TRUE", "name":"MEETING_PURPOSE", "position":"5", "type":"java.lang.st ring"}, {"size":"50", "nullable":"TRUE", "name":"MEETING_IMPACT", "position":"6", "type":"java.lang.String"}, {"size":"50", "nullable":"TRUE", "name":"MEET_CANCELLATION_STATUS", "positi on":"7", "type":"java.lang.String"}, {"size":"50", "nullable":"TRUE", "name":"CANCELLATION_REAS ON", "position":"8", "type::"java.lang.String"}]}]}]}}}</pre>
Description of	The response of the API is, it returns the success status value as 1 if it fails
Response	returns 0 as the status.
Output:	
•	The metadata array with list of selected tables with its columns details get
	return.
	Schema is the DB name under this name is the table name with all associated
	columns details like : size of column , name of column , nullable status of
	column, position of column, type of column(java class)
Service Status	200 OK
Screenshot	POST V http://192.168.2.184:8085/hi-ee//services Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code
	form-data x-www-form-urlencoded raw binary
	form-data
	form-data form-data
	form-data * x-www-form-urlencoded raw binary Key-Value Edit type:adhoc serviceType:metadata serviceType:metadata serviceType:metadata formData:("id":"1", "type":"dynamicDataSource", "parameters":{"fetchColumns":true, "fetchData":[{"schemas":[{"name":"HIUSER", "tables": ["EMPLOYEE_DETAILS", "MEETING_DETAILS"]}]}) Body Cookles (4) Headers (7) Tests Status: 200 OK Time: 120 ms Size: 1.64 KB

4.4.1.4 Save WorkFlow:

URL	/services
Description	It assigns the unique ID for metadata and all selected schema with its details
	get return.
Pre-requisite	User should be login before accessing the service. [Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_ADMIN

HTTP Request	POST				
Method					
Example	Access through browser :				
	http://192.168.2.156:8085/hi-ee//services				
	Access through Curl command :				
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=metadata&service= saveWorkflow&formData={'id':'1','type':'dynamicDataSource','metadata':{'catalogs':[{'schem as':[{'name':'HIUSER','tables':[{'name':'EMPLOYEE_DETAILS','columns':[{'size':'10','nulla ble':'FALSE','name':'EMPLOYEE_ID','position':'1','type':'java.lang.Integer','checked':true},{'size':'10','nullable':'TRUE','name':'EMPLOYEE_NAME','position':'2','type':'java.lang.String','c hecked':true},{'size':'10','nullable':'TRUE','name':'AGE','position':'3','type':'java.lang.String','c hecked':true},{'size':50','nullable':'TRUE','name':'ADDRESS','position':'4','type':'java.lang.St ring','checked':true},{'size':'50','nullable':'TRUE','name':'ADDRESS','position':'4','type':'java.lang.St ring','checked':true},{'size':'0','nullable':'TRUE','name':'ADDRESS','position':'4','type':'java.lang.St ring','checked':true},{'size':'50','nullable':'TRUE','name':'ADDRESS','position':'4','type':'java.lang.St ring','checked':true},{'size':'50','nullable':'TRUE','name':'ADDRESS','position':'4','type':'java.lang.St ring','checked':true},{'size':'50','nullable':'TRUE','name':'MEETING_PURPOSE','position':'4','type':'java.lang .String','checked':true},{'size':'50','nullable':'TRUE','name':'MEETING_PURPOSE','position':'5','type':'java.lang.String','checked':true},{'size':'50','nullable':'TRUE','name':'MEETING_IMP ACT','position':'6','type':'java.lang.String','checked':true},{'size':50','nullable':'TRUE','name':'MEETING_IMP ACT','position':'6','type':'java.lang.String','checked':true},{'size':50','nullable':'TRUE','name':'MEETING_IMP ACT','position':'6','type':'java.lang.String','checked':true},{'size':50','nullable':'TRUE','name':'MEETING_IMP ACT','position':'6','type':'java.lang.String','checked':true},{'size':50','nullable':'TRUE','name':'MEETING_IMP ACT','position':'6','type':'java.lang.String','checked':true},{'size':50','nullable':'TRUE','name':'MEETING_IMP ACT','position':'6','type':'java.lang.String','checked':true},{'size':50','nullable				
HTTP Request	HTTP Request Value	Description			
type:	adhoc	Type as adhoc			
serviceType:	metadata	Service type as metadata			
service:	saveWorkflow	Service as saveWorkflow			
formData:	<pre>{"id":"83","type":"dynamicDataSource","metadata":{"cata logs":[{"schemas":[{"tables":[{"name":"TravelDetails","c hecked":true,"columns":[{"size":"10","nullable":"FALSE" ,"dataType":{"java.lang.Integer":"numeric"},"name":"trav el_id","position":"1","type":"java.lang.Integer","checked": true},{[size":"19","nullable":"TRUE","dataType":{"java.s ql.Timestamp":"dateTime"},"name":"travel_date","positio n":"2","type":"java.sql.Timestamp","checked":true},{{"size" ":50","nullable":"TRUE","dataType":{"java.lang.String": "text"},"name":"travel_type","position":"3","type":"java.lan g.String","checked":true},{{"size":"50","nullable":"TRUE ","dataType":{"java.lang.String":"text"},"name":"travel_m edium","position":"4","type":"java.lang.String":"travel_m edium","position":"4","type":"java.lang.String":"text"},"name":"travel_m edium","position":"4","type":"java.lang.String":"text"},"name":"travel_m edium","position":"4","type":"java.lang.String":"text"},"name":"travel_m edium","position":"4","type":"java.lang.String":"text"},"position":"5 ","type":"java.lang.Integer","checked":true},{{"size":"10","nullable":"TRUE","dataType":{"java.lang.Integer":"numeric"},"name":"source_id","position":"5 ","type":"java.lang.Integer","checked":true},{{"size":"10","nullable":"TRUE","dataType":"java.lang.Integer":"numeric"},"name":"source_id_error","position:"6","type":"java. lang.Integer","checked":true},{{"size:":50","nullable":"TRUE","dataType":"java.lang.String","name":"source e","position":"7","type":"java.lang.String","checked":true}, {{"size::"10","nullable":"TRUE","dataType":"java.lang.String","name":"source ","position":"7","type":"java.lang.String","name":"source ","position":"7","type":"java.lang.String","text"},"name":"source ","position":"7","type":"java.lang.String","text","name":"source ","position":"7","type":"java.lang.String","text","java.lang.String","texted":"true}, {{"size::"10","nullable":"TRUE","dataType":{"java.lang.String","texted":"true}, {{"size::"10","nullable":"TRUE","dataType":{"java.lang.String","texted";"java.</pre>	formData contains the id which is the datasource connection ID . Type is the type of datasource, metdata information includes schema name and tables with associated columns which we are going to use for metadata create.			

	nteger": "numeric" }, "name": "destination_id", "position": "8"	
	,"type":"java.lang.Integer","checked":true},{"size":"50","n	
	ullable":"TRUE","dataType":{"java.lang.String":"text"},"n	
	ame":"destination", "position":"9", "type": "java.lang.String"	
	"checked" true} {"size" "10" "nullable" "TRUE" "dataTy	
	po":("java lang Intagor":"numorio") "name":"traval cost"	
	pe .{ java.lang.lineger . numeric }, name . traver_cost ,	
	"position":"10","type":"java.lang.Integer","checked":true},	
	{"size": "50", "nullable": "TRUE", "dataType": {"java.lang.St	
	ring": "text"}. "name": "mode of payment". "position": "11".	
	"type": "java lang String" "checked": true \ ["size": "50" "nul	
	1abla"."TDIE" "data Tama". ("iara lana String"."teat") "na	
	Table : TRUE , dataType :{ java.tang.string : text }, na	
	me":"booking_platform","position":"12","type":"java.lang.	
	String", "checked": true }, { "size": "10", "nullable": "TRUE", "	
	dataType": { "java.lang.Integer": "numeric" }, "name": "travell	
	ed by" "position"."13" "type"."java lang Integer" "checke	
	d":true]]] ("name":"employee details" "checked":true "co	
	iumns :[{ size : 10 , nullable : FALSE , data lype :{ ja	
	va.lang.Integer":"numeric"},"name":"employee_id","positi	
	on":"1","type":"java.lang.Integer","checked":true},{"size":	
	"50" "nullable" "TRUE" "dataType" {"iava lang String" "t	
	art") "name" "ample and "negitian" "2" "type" "	
	ext }, name . employee_name , position . 2 , type . jav	
	a.lang.String", "checked":true}, {"size":"10", "nullable":"1R	
	UE","dataType":{"java.lang.Integer":"numeric"},"name":"	
	age", "position": "3", "type": "java.lang.Integer", "checked": tr	
	ue}.{"size":"50"."nullable":"TRUE" "dataType" {"iava lan	
	g String":"text" \ "name":"address" "nosition":"4" "type":"	
	g. sunng . text j, name . autress , position . 4 , type :]	
	ava.iang.String , cnecked :true}]},{ name : employee_de	
	tails_1","checked":true,"columns":[{"size":"10","nullable"	
	:"FALSE","dataType":{"java.lang.Integer":"numeric"},"na	
	me" "employee id" "position" "1" "type" "java lang Intege	
	r" "checked":true) {"size":"50" "nullable":"TRUE" "dataT	
	ype :: { 'java.lang.String': 'text' }, 'name': 'employee_name'	
	,"position":"2","type":"java.lang.String","checked":true},{	
	"size":"10","nullable":"TRUE","dataType":{"java.lang.Int	
	eger" "numeric"} "name" "age" "position" "3" "type" "java	
	lang Integer" "checked":true) ("size":"50" "nullable":"TP	
	Indiginite ger, checked inder, size . 50, number . IK	
	UE", "data I ype": { "java.lang.String": "text" }, "name": "addre	
	ss","position":"4","type":"java.lang.String","checked":true	
	}]},{"name":"employee_details_2","checked":true,"colum	
	ns" [{"size" "10" "nullable" "TRUE" "dataType" {"iava la	
	ng Integer": "numeric") "name": "employee id" "nesition":	
	ng.integer . numeric }, name . employee_id , position .	
	"1", "type": "Java.lang.Integer", "checked":true}, { "size": "50	
	","nullable":"TRUE","dataType":{"java.lang.String":"text"	
	},"name":"employee_name","position":"2","type":"java.la	
	ng.String", "checked":true}, { "size":"10", "nullable": "TRUE	
	" "dataType": { "iava lang Integer": "numeric" } "name": "age	
	", data Type . { Java. ang. Integer . Indiferre }, name . age	
	, position : 5 , type : java.iang.integer , checked :true}	
	,{"size":"50","nullable":"TRUE","dataType":{"java.lang.S	
	tring":"text"},"name":"address","position":"4","type":"java	
	.lang.String", "checked": true }]}. { "name": "geoCordinates".	
	"checked":true "columns":[{"size":"10" "nullable":"FAI S	
	E" "dotoTupo": ("iouo long Intoger": "numerie") "nom-": "1-	
	b, Gatarype (java.iang.integer i numeric), name : 10	
	cation_id", "position": "1", "type": "Java.lang.Integer", "check	
	ed":true},{"size":"50","nullable":"TRUE","dataType":{"ja	
	va.lang.String":"text"},"name":"location","position":"2","t	
	ype":"java.lang.String"."checked":true}.{"size":"22"."null	
	able": "TRUE" "data Type": ["iava lang Double": "numeric"	
) "nome" "letitude" "resident" "2" "keese" "" a tau D	
	, name : namude , position : 3 , type : java.lang.Doubl	
	e","checked":true},{"size":"22","nullable":"TRUE","dataT	
	ype":{"java.lang.Double":"numeric"},"name":"longitude",	
	"position": "4", "type": "java.lang.Double", "checked" true }]	
	{"name"·"meeting details" "checked"·true "columns"·[["	
	J, Thame . Income_dotans, checked line, condities .[{	
	size : 10, nullable : TRUE, dataType":{"java.lang.lnte	
	ger": "numeric" }, "name": "meeting_id", "position": "1", "type	
	":"java.lang.Integer","checked":true},{"size":"19","nullabl	
	e":"TRUE","dataType":{"java.sol.Timestamp":"dateTime"	
	} "name" "meeting date" "position" "?" "type" "iava sol T	
	imagtamp" "chacked":true) ["cize":"10" "mullehle":"TDUE	
	mestamp, checked true; { size : 10, nutrable : TRUE	
	", "data I ype": { "Java.lang.Integer": "numeric" }, "name": "me	
	eting_by","position":"3","type":"java.lang.Integer","check	
	ed":true},{"size":"50","nullable":"TRUE","dataType":{"ia	
	va lang String"·"text"} "name"·"client_name" "nosition"·"	
	4" "typo"; "iovo long String" "checked"; typo] ("circ"; "50" "	
	$+$, type . Java. ang. 50 mg , checked : true}, { size : 50°,	
	nullable : IRUE, data Iype :{ "Java.lang.String": "text"},"	
	name":"meeting_purpose","position":"5","type":"java.lang	
	.String", "checked":true }, {"size": "50", "nullable": "TRUE"."	
	dataType":{"java.lang.String":"text"}."name":"meeting i	
	, in the second se	· · · · · · · · · · · · · · · · · · ·

	<pre>mpact", "position": "6", "type": "java.lang.String", "checked": true }, { "size": "50", "nullable": "TRUE", "dataType": { "java.l ang.String": "text" }, "name": "meet_cancellation_status", "po sition": "7", "type": "java.lang.String", "checked": true }, { "siz e": "50", "nullable": "TRUE", "dataType": { "java.lang.String" : "text" }, "name": "cancellation_reason", "position": "8", "type ": "java.lang.String", "checked": true }]]]], "catalog": "Sampl eTravelData" }]], "removeItem": { "tables": [], "columns": []," views": []}</pre>
Response Output(JSON Format)	<pre>("status":1,"response":("metadata":("classifier":'db.workflow","name":"SampleTravelData","schema?"","type ("'dynamicDataSource", "baseType":"global.jdbc"),"tables":("TravelDetails":("d',"19626c57-3bf7- 4aac-9839- 9dae4886c987,"alias":"TravelDetails", "columns":("travel_id":("alias":"travel_id","fullyQualifiedColum ""TravelDetails.travel_id", "columnld":"a6b1920/Ce96-42d1-bd75- 551020dc63ce","defaultFunction":"db.generic.groupBy.group", "type":("java.alm.g.Integer","numeric")}), "travel_date", "l'alias":"travel_date", "fullyQualifiedColumn":"TravelDetails.travel_date", "columnld"."9 b4121bc-a0f-4a5d-bfed- e978760c2ce", "defaultFunction":"db.generic.groupBy.group", "type":("java.lang.String":"text")),"travel_ype":("alias":"travel_date", "fullyQualifiedColumn":"TravelDetails.travel_gate","columnld"."9 b4121bc-a0f-4a5d-bfed- e978760c2ce", "defaultFunction":"db.generic.groupBy.group", "type":("java.lang.String":"text")),"travel_medium":("alias":"travel_medium","columnld":"687c6bb-6621-43a2-92f7- 4749fc50fc2ce", "defaultFunction":"db.generic.groupBy.group", "type":("java.lang.String":"text")),"sour ce_id:"["alias":"travel_medium","fullyQualifiedColumn":"TravelDetails.source_id","columnld":"4c7b72d6- 2258-4358-bc7f- 90sc596385bc","defaultFunction":"db.generic.aggregate.sum","type":("java.lang.Integer":"numeric")}, "source:id="alias":"source_id=cror","fullyQualifiedColumn":"TravelDetails.source_i:"columnld":"columnd":"columnd":"CavaBode53 c32F4433-ac8F- c398670d1739", defaultFunction":"db.generic.aggregate.sum","type":("java.lang.Integer":"numeric")}," "source:id="alias":"destination_id","fullyQualifiedColumn":"TravelDetails.destination_id","columnld ":"39010806-0b02.43c-a7c- 5926c533270","defaultFunction":"db.generic.aggregate.sum","type":("java.lang.Integer":"numeric")}," destination_id", "alias":"destination_id","fullyQualifiedColumn":"TravelDetails.destination_id","columnld ":"390146453-842-842-842- 5936c533270","defaultFunction":"db.generic.aggregate.sum","type":("java.lang.Integer":"numeric")}," destination_</pre>
	7-3d5f-48a9-8ec3-

fc3df6d29aff", "defaultFunction": "db.generic.groupBy.group", "type": {"java.lang.String": "text" } } }, "em
ployee_details_1":{"id":"6a5f8fdf-3892-4ea6-ab00-
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QualifiedColumn": employee_details_1.employee_id", "columnid": 8/341398-0/39-4013-082/- 2ce0c8a31010" "defaultFunction":"db generic aggregate sum" "type":("java long Integer":"numeric"))
"employee name" {"alias" "employee name" "fullyQualifiedColumn" "employee details 1 employee
name", "columnId": "83e739ea-3b89-4502-94bc-
85397be08ac7", "defaultFunction": "db.generic.groupBy.group", "type": {"java.lang.String": "text" } }, "age
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address :{ anas : address , funyQuannedColumn : employee_details_1.address , columnid : 89cdd
c3165f5b3881"."defaultFunction":"db.generic.groupBy.group"."type":{"java.lang.String":"text"}}}."e
mployee_details_2":{"id":"b5415820-0458-4869-8214-
3dbf2cdf58fb","alias":"employee_details_2","columns":{"employee_id":{"alias":"employee_id","fully
QualifiedColumn":"employee_details_2.employee_id","columnId":"2b2a294f-edc6-4534-847c-
50b912cabb40", "defaultFunction": "db.generic.aggregate.sum", "type": {"java.lang.Integer": "numeric"}},
"employee_name":{"alias":"employee_name","fullyQualifiedColumn":"employee_details_2.employee_
Induce, continuintu . 9640000-a5ae-4900-9042- Abc1ch77f64a" "defaultEunction":"dh generic groupBy group" "type":/"iaya lang String":"text"}} "age"
""" """ """ """ """ """ """ """ """ ""
9513-
c7571067f11d","defaultFunction":"db.generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},
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c60-05b4-4dca-a657-
b00bc0/e8e42", "defaultFunction": "db.generic.groupBy.group", "type":{"java.lang.String": "text"}}},"g
424c42035195" "alias"."geoCordinates" "columns": {"location_id": {"alias"."location_id" "fullyOualifie
dColumn": "geoCordinates location_id". "columnId": "f97a09a0-c0da-4eaf-b59d-
3586e1f6c28f", "defaultFunction": "db.generic.aggregate.sum", "type": {"java.lang.Integer": "numeric"}},"
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48d3684648b6", "defaultFunction": "db.generic.groupBy.group", "type": {"java.lang.String": "text" } }, "lati
tude":{"alias":"latitude", "fullyQualifiedColumn":"geoCordinates.latitude", "columnId":"68cU/c80-f4ed-
71152fc3f463", "defaultFunction":"db.generic.aggregate.sum", "type": {"iava.lang.Double":"numeric"}}.
"longitude":{"alias":"longitude", "fullyQualifiedColumn":"geoCordinates.longitude", "columnId":"e04da
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91df2498ed52","defaultFunction":"db.generic.aggregate.sum","type":{"java.lang.Double":"numeric"}}
}},"meeting_details":{"id":"8802ad50-f981-4147-85ea-
7962fbba3/33", "alias": "meeting_details", "columns": { "meeting_id": { "alias": "meeting_id", "fullyQualifi adColumn": "meeting_details meeting_id" "columnId": "1f04e00f and 4e0a 840b
f07ec7576085" "defaultEunction": "dh generic aggregate sum" "type": {"iaya lang Integer": "numeric" } }
"meeting date":{"alias":"meeting date","fullyQualifiedColumn":"meeting date":{"alias":"meeting date","colu
mnId":"41dd7997-54a8-4d1d-9231-
6d5df501ae0c","defaultFunction":"db.generic.groupBy.group","type":{"java.sql.Timestamp":"dateTime
"}},"meeting_by":{"alias":"meeting_by","fullyQualifiedColumn":"meeting_details.meeting_by","colu
mnld":"4906ded5-d8et-48f3-8a80-
550/cb5b50/5, detaultFunction: db.generic.aggregate.sum, type :{ java.tang.integer : numeric }},
d":"87efa8ad-420f-4399-95e3-
609824a3a4fc", "defaultFunction": "db.generic.groupBy.group", "type": { "java.lang.String": "text" } }, "mee
ting_purpose":{"alias":"meeting_purpose","fullyQualifiedColumn":"meeting_details.meeting_purpose",
"columnId":"dfaa00a7-c7f1-4698-be80-
ebf4849debd4", "defaultFunction": "db.generic.groupBy.group", "type": {"java.lang.String": "text" } }, "mee
ting_impact":{"alias":"meeting_impact","tullyQualifiedColumn":"meeting_details.meeting_impact","c
6.1114d5aff5" "defaultFunction"."db generic groupRy group" "type".{"iava lang String"."text"}} "mee
t cancellation status";{"alias":"meet cancellation status"."fullyOualifiedColumn":"meeting details.me
et_cancellation_status", "columnId": "cfb581a6-63f1-4076-8c16-
1ba64d7838ab","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"can
cellation_reason":{"alias":"cancellation_reason","fullyQualifiedColumn":"meeting_details.cancellation
_reason","columnId":"42321407-1cd9-43ed-b306-

	993a99d0beca, defaultFunction: db.generic.groupBy.group, type :{ java.lang.String : text }}	11,			
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	["employee_details_2"]],"joins":[{"id":"b2ddcd16-e0a1-48ac-bf03-				
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	d", "alias": "employee_details.employee_id" }, "right": {"table": "TravelDetails", "column": "travelled_b"	y","			
	alias":"TravelDetails.travelled_by"}},{"1d":"/4a13656-/f0d-4b4e-a3a3-	111 11			
	a64/a6092161", type : inner, operator := , ieit :{ table : geoCordinates , column : location_ic	1 , Tro			
	ands . geocolumnates.location_tu }, fight .{ table . fiavenbetans , columni . source_tu , anas	11a			
	9f9eb49a704d"."type":"inner"."operator":"="."left":{"table":"geoCordinates"."column":"location_id	l"."a			
	lias": "geoCordinates.location id"}. "right": {"table": "TravelDetails". "column": "destination id". "alias	3":"			
	TravelDetails.destination id"}},{"id":"34116e5d-a424-4e3f-8203-				
	98be1aaba904", "type": "inner", "operator": "=", "left": {"table": "employee_details", "column": "employee_i				
	d","alias":"employee_details.employee_id"},"right":{"table":"meeting_details","column":"meeting_	by"			
	,"alias":"meeting_details.meeting_by"}}]},"uniqueId":"e04ec0a5-bc83-4842-b7d2-fb163b2eca1f"}}	}			
Description of	The response of the API is, it returns the success status value as 1 if it fails				
Response	returns 0 as the status.				
Output					
Output	The metadate array with list of selected tables with its columns details get				
	The included array with list of selected tables with its columns details get				
	return with schema name. The unique id for metadata will get assign.				
	classifier : name of classifier				
	metadata : metadata array				
	catalogs : list of catalogs				
	schamps : Schemp array with schemp name nad related information				
	schemas. Schema array with schema name had related information.				
	schemas : Schema array with schema name nad related information.				
	Schema is the DB name under this name is the table name with all associate	ed			
	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of	ed			
	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column, position of column , type of column(java class)	ed			
Service Status	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class)	ed			
Service Status	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK Metadata SaveWorkFlow POST v http://192.168.2.156:3081/hi-ee/services.html Params Save v	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associated columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK POST Netrodata SaveWorkFlow Post Send Send Save Authorization Headers (1) Body Pre-request Script Tests Co	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associated columns details like : size of column , name of column , nullable status of column, position of column , type of column(java class) 200 OK * Metadata SaveWorkFlow POST v http://192.168.2.156:8081/hi-ee/services.html PoST v http://192.168.2.156:8081/hi-ee/services.html Post v thtp://192.168.2.156:8081/hi-ee/services.html Authorization Headers (1) Body • Pre-request Script Tests Co	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK Metadata SaveWorkFlow POST http://192.168.2.156:8081/hi-ee/services.html POST http://192.168.2.156:8081/hi-ee/services.html Authorization Headers (1) Body • Pre-request Script Tests Co • form-data • xwww-form-urlencoded • raw • binary	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK <pre></pre>	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK <pre> Metadata SaveWorkFlow</pre>	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK <pre> Metadata SaveWorkFlow</pre>	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK <pre></pre>	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associates columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK <pre></pre>	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK <pre></pre>	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK <pre></pre>	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK * Metadata SaveWork/How Examples (0) POST http://192.168.2.156.8081/hi-ee/services.ttml Params Send Send Save form.data xwww.form-urlencoded raw binary (size : b0', "Mullable: "THWE", "DataType": "java.lang.string": "text", "mame": Claim name", "position": "6", "type": "java.lang.string", "checked": true), "java.lang.string": "text", "mate": "eacher liston_status", "position": "6", "type": "java.lang.string", "checked": true), "java.lang.string": "text", "mate": "eacher liston_status", "position": "6", "type": "java.lang.string", "checked": true), "java.lang.string": "text", "mate": "eacher liston_status", "position": "6", "type": "java.lang.string", "checked": true), "java.lang.string": "text", "mate": "eacher liston_status", "position": "6", "type": "java.lang.string", "checked": true), "java.lang.string": "text", "mate": "eacher liston_status", "position": "6", "type": "java.lang.string", "checked": true), "java.lang.string", "checked": true), "java.lang.st	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK Metadata SaveWorkFlow POST http://192.168.2.156.8081/hi-ee/services.html Params Send	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK * Metadata SaveWorkFlow POST > http://192.168.2.156.8081/hiee/services.html Params Send Save POST > http://192.168.2.156.8081/hiee/services.html Params Send Save form-data * xwww.dorm.urfencoded raw binary KeyvYalue Ed ("size": "Det", "Blight": "Twee", "Gliaht/Det"; "fave.lang.string", "checked":true), "faste": "Det", "Blight": "Twee", "Gliaht/Det"; "fave.lang.string", "checked":true), "faste": "Det", "Blight": "Twee", "Gliaht/Det"; "fave.lang.string", "checked":true), "faste": "Det", "Blight": "Twee", "Gliaht/Det"; "faste": "Det", "Blight": "Twee: "Gliaht/Det"; "faste": "Det", "Faste": "faste": "J, "cestere: "faste:	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK * Metadata SaveWorkFlow POST > http://192.168.2.156.8081/hiee/services.html Params Send Save * Metadata SaveWorkFlow POST > http://192.168.2.156.8081/hiee/services.html Params Send Save * Metadata SaveWorkFlow * Same SaveWorkFlow	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK * Metadata SaveWorkFlow	ed			
Service Status Screenshot	Schema is the DB name under this name is the table name with all associate columns details like : size of column , name of column , nullable status of column,position of column , type of column(java class) 200 OK Metadata SaveWorkFlow POST	ed			

URL	/services		
Description	It executes the view query while view	creation before saving it.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//services		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=retrieveViewLabels&formData={'id':'1','type':'dynamicDataSo urce','baseType':'global.jdbc','classifier':'db.workflow','query':'select CLIENT_NAME from MEETING_DETAILS'}" http://192_168_2_156:8085/hi_ee//services_N		
HTTP Request Key	HTTP Request Value	Description	
type:	adhoc	Type as adhoc	
serviceType:	metadata	Service type as metadata	
service:	retrieveViewLabels	Service as retrieveViewLabels	
formData:	{"id":"1","type":"dynamicDataSourc e","baseType":"global.jdbc","classifi er":"db.workflow","query":"select CLIENT_NAME from MEETING_DETAILS"}	formData contains the query used for view and the return columns with its details.	
Response Output(JSON Format)	{ "status":1,"response":{"labels":[{"name":"CLIENT_NAME","type":"text"}]} }		
Description of Response Output:	The response of the API is , it returns returns 0 as the status. The View get executed and returns the name : Name of the column type : Type of column	the success status value as 1 if it fails	

Service Status	200 OK				
Screenshot	POST V http://192.168.2.184:8085/hi-ee//services Params S	iend V	Save	~	
	Authorization Headers (1) Body • Pre-request Script Tests		Cookies	Code	
	form-data raw raw raw raw raw raw raw raw raw ra				
		k	(ey-Value	Edit	
	Body Cookies (4) Headers (7) Tests Status: 200 OK	Time: 99 ms	Size: 3	// 82 B	
	Pretty Raw Preview			Ū	
	{"status":1,"response":{"labels":[{"name":"CLIENT_NAME","type":"text"}]}}				

4.4.1.6 Save View:

URL	/services	
Description	It assigns the ID for view and view details will get save.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=saveView&formData={'query':'select CLIENT_NAME from MEETING_DETAILS	
	','labels':[{'name':'CLIENT_NAME','type':'text','checked':true}],'viewName':'	

	TestView'}" http://192.168.2.156:8085/hi-ee//services -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	adhoc	Type as adhoc	
serviceType:	metadata	Service type as metadata	
service:	saveView	Service as saveView	
formData:	{"query":"select CLIENT_NAME from MEETING_DETAILS ","labels":[{"name":"CLIENT_NA ME","type":"text","checked":true}], "viewName":"TestView"}	formData contains the query used for view and the return columns with its details.	
Response Output(JSON Format)	{"status":1,"response":{"viewId":"f036a1cf-0ae0-4dab-84ac- 39151ff0f30f","tables":{"TestView":{"id":"f036a1cf-0ae0-4dab-84ac- 39151ff0f30f","type":"view","alias":"TestView","columns":{"CLIENT_NA ME":{"alias":"CLIENT_NAME" "type":{"iava lang String":"text"}}}}		
Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. The View get created and the id for view get assigned with its details viewId : Id of the created view tables : tables array type : type as view columns : Array with alias name		
Service Status	200 OK		
Screenshot	POST http://192.168.2.184:8085/hi-ee//services Authorization Headers (1) Body • Pre-request Script Tests • form-data • x-www-form-urlencoded • raw • binary type:adhoc serviceType:metadata service:saveview formData:("query":"select CLIENT_NAME from MEETING DETAILS ", "label [{"name":"CLIENT_NAME", "type":"text", "checked":true]], "viewName":"Text Body Cookles (4) Headers (7)	Params Send Save Cookies Code Cookies Code Key-Value Edit Is": :sstV1ew"} Status: 200 OK	
	Pretty Raw Preview	D	
	{"status":1,"response":{"viewId":"f036a1cf-0ae0-4dab-84ac-39151ff0f30f 39151ff0f30f","type":"view","alias":"TestView","columns":{"CLIENT_NA	"."tables":{"TestView":{"id":"f036a1cf-0ae0-4dab-84ac- AME":{"alias":"CLIENT_NAME","type":{"java.lang.String":"text"}}}}}}	

4.4.1.7 Edit View:

URL	/services		
Description	It allows user to edit the existing view while metdata creation.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//servi	ces	
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=h	iadmin&type=adhoc&serviceType=met	
	adata&service=retrieveView&formData={'id':'1','type':'dynamicDataSource','		
	40ca-816b-05d784ea5a50'}" http://192	2.168.2.156:8085/hi-ee//services -v	
HTTP Request	HTTP Request Value	Description	
Key			
type:	adhoc	Type as adhoc	
serviceType:	metadata	Service type as metadata	
service:	retrieveView	Service as retrieveView	
formData:	{"id":"1","type":"dynamicDataSourc e","baseType":"global.jdbc","classifi er":"db.workflow","viewId":"475d5 3c1-b606-40ca-816b- 05d784ea5a50"}	formData contains the viewID with datasource details.	
Response Output(JSON Format)	{"status":1,"response":{"labels":[{"name":"CLIENT_NAME","type":"text"}] ,"query":"select CLIENT_NAME from MEETING_DETAILS"}}		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. viewId : Id of the created view tables : tables array type : type as view columns : Array with alias name		

	The View get created and the id for view get assigned with its details	
Service Status	200 OK	
Screenshot	<pre>X Headers Preview Response Cookies Timing 1 {"status":1, "response":{"labels":[{"name":"CLIENT_NAME", "type":"text"}], "query":"select CLIENT_NAME from MEETING_DETAILS"}}</pre>	

4.4.1.8 Change DataSource :

/createDataSource		
It allows user to change the datasource while metdata creation.		
User should have logged in before accessing the service.[Refer login module]		
If the user is not logged in then you will get login nage		
ROLE ADMIN		
A coord through hyperson o		
Access through browser :		
http://102.168.2.156.8085/hi ag//groateDateSource		
Access through Curl command :		
Access through Curr command :		
avril data "i vaarnama-hiadmin ?-i raagward-hiadmin"		
http://192.168.2.156.8085/hi-ee//createDataSource_v		
{"drivers[ist":[{"url":"idbc:mysal://{{hostName}}:{{nort}}/{{database}}" "driver":"com m		
ysql.jdbc.Driver", "parameters":{"port":"3306", "hostName":"localhost", "database":"database"		
}},{"driver":"org.apache.derby.jdbc.AutoloadedDriver"},{"driver":"org.h2.Driver"},{"driver"}		
":"org.sqlite.JDBC"},{"driver":"com.informix.jdbc.IfxDriver"},{"driver":"org.hsqldb.jdbc.JD		
BCDriver"},{"url":"jdbc:mariadb://{{hostName}}:{{port}}/{{database}}","driver":"org.mar		
iadb.jdbc.Driver", "parameters": {"port": "3306", "hostName": "localhost", "database": "database"		
briver" "parameters":{"port":"5433" "hostName":"localhost" "database"} , unver : org.posigresqi.		
"idbc:oracle:thin:@{{hostName}}:{{port}}:{{database}}"."driver":"oracle.jdbc.OracleDrive		
r","parameters":{"port":"1521","hostName":"localhost","database":"database"}},{"driver":"n		
et.sourceforge.jtds.jdbc.Driver"}],"dataSourceTypes":[{"type":"global.jdbc","name":"Manag		
ed DataSource","classifier":"global"},{"type":"sql.jdbc","name":"Plain Jdbc		
DataSource", "classifier": "efwd" }, { "type": "sql.adhoc", "name": "Adhoc		
DataSource", classifier": "efwd" },{"type": "sql.calcite", "name": "Virtual DataSource" "classifier": "efwd" } {"type": "sql.idbc.groovy" "name": "Groovy Plain Idbc		
DataSource". "classifier": "efwd" }]		

Description of Response Output:	The response of the API is , it returns the all available driverlist array with each driver details. Parameters include the port number,host,database , driver etc. driversList : Array of driverslist url : Connection URL driver : Name of the driver etc			
Service Status	200 OK			
Screenshot	GET > http://192.168.2	.156:8085/hi-ee//createDataSource	Params	Send 💙 Save 🗠
	Key	Value	Description	••• Bulk Edit
	New key			
	Authorization Headers Body	Pre-request Script Tests		Cookies Code
	Туре	No Auth 🗸		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 419 ms Size: 1.59 KB
	Pretty Raw Preview			ū
	("driversList":[{"url":'jdbc:myss ("port":'3306", "hostName":'loc ("driver": "org.sqlite.JDBC"), {"c {(port})/{(database})," "driver" ("url":'jdbc:postgresql://{{hostName".'loc ({database}),","driver": "oracle.jc ("driver": "net.sourceforge.jds.jd ("type": "sql:calcit","name"."Pin ("type": "sql:calcit","name"."Vin DataSource","classifier": "efwd"}	<pre>ll://{{hostName}}:{{port}//{{database}}"."driver": allost","database"/;'database"},("driver":"org.apach Iriver":"com.informix.jdbc.IfxDriver"},{"driver":"org.opach ""org.mariadb.jdbc.Driver","parameters":{"port"."33i Jame}}:{{port}}/{{database}}"."dribase}}"."driver":"org.postgr allost","database":"database"},{"dribase"};"dibco:raclet ibc.OracleDriver","parameters":{"port"."1521","host lbc.Driver"}]."dataSourceTypes"{{"type"."global.jdl Jdbc DataSource","classifier"."efwd"}.{"type"."sql.jr]}</pre>	"com.mysql.jdbc.Driver", "parameters": ie.derby.jdbc.AutoloadedDriver"), {"driver" g.hsqldb.jdbc.JDBCDriver"}, {"url"."jdbc:r 06", "hostName":"localhost", "database","da esql.Driver", "parameters": him:@ {{hostName}}: {{port}}: tName":"localhost", "database","database"} bc", "name":"Managed DataSource", "classi adhoc", "name":"Adhoc DataSource", "classi dbc.groovy", "name":"Groovy Plain Jdbc	<pre>':"org.h2.Driver"}, nariadb:/{{hostName}}: ttabase"}}. }, fier":"global"}, sifier":"efwd"},</pre>

4.4.1.9 Get Security details:

URL	/services	
Description	It allows user to get security details while metdata creation.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=security&formData={'action':'gettings'}" http://192.168.2.156:8085/hi-ee//services -v	

HTTP Request	HTTP Request Value Description		
Key			
type:	adhoc	Type as adhoc	
serviceType:	metadata	Service type as metadata	
service:	security	Service as security	
formData:	{"action":"getSettings"}	formData contains the action as getSettings.	
Response Output(JSON Format)	{"status":1,"response":{"expressionType":["global","column","table"],"acces s":["grant","deny"],"type":["conditionIf","groovy"],"conditionIf":{"condition Template":"\${user}.name eq 'hiadmin"',"filterTemplate":"TableName.ColumnName = Filter Condition"},"groovy":{"conditionTemplate":"\n\t\t def evalCondition(){\n\t\t return true;\n\t\t }","filterTemplate":"\n\t\t def evalFilter() {\n\t\t return TableName.ColumnName = Filter Condition')}		
Description of	The response of the APL is it returns the success status value as 1 if it fails		
Response	returns 0 as the status.		
Output:	Metadata security details get return.		
o arp an	expressionType : expressionType array with expression details		
	access : Security access type		
	type : type of security		
	conditionIf : security conditionIf etc.		
Service Status	200 OK		
Screenshot			
	POST V http://192.106.2.106.8063/ht-ee//services	Params Send Save *	
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code	
	form-data • x-www-form-urlencoded • raw • binary		
	type:adhoc serviceType:metadata service:security formData:{"action":"getSettings"}	key-value con	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 48 ms Size: 805 B	
	Pretty Raw Preview		
	{"status":1, "response": {"expressionType": ["global", "column", "table"], "acc {"conditionTemplate": "\${user}, name eq "hiadmin", "filterTemplate": "Table {"conditionTemplate": "\n\t\t def evalCondition(){\n\t\t\t return true;\n\t\t }" "TableName.ColumnName = Filter Condition(\\n\t\t)\n\t\t"}}}	ess":["grant", "deny"],"type":["conditionIf", "groovy"],"conditionIf": Name.ColumnName = Filter Condition"},"groovy": "filterTemplate":"'n\tt def evalFilter() {\n\tt tt return	

4.4.1.10 Validate Security details:

URL	/services		
Description	It allows user to validate requested security details while metdata creation.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//servi	ces	
	Access through Curl command :		
	<pre>curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=evaluateSecurity&formData={'executionType':'conditionIf','d ata':{'condition':'\${org}.name != 'Null'','filter':'meeting_details.client_name = \${org}.name'}}" http://192.168.2.156:8085/hi-ee//services -v</pre>		
HTTP Request Kev	HTTP Request Value	Description	
type:	adhoc	Type as adhoc	
serviceType:	metadata	Service type as metadata	
service:	evaluateSecurity	Service as evaluateSecurity	
formData:	{"executionType":"conditionIf","dat a":{"condition":"\${org}.name != 'Null"","filter":"meeting_details.clien t_name = \${org}.name"}}	formData contains the aall metadata security details like executionType, condition and the filter data.	
Response Output(JSON Format)	{"status":1,"response":{"message":"Filter Test success. Condition Test success"}}		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status with success message.		

Service Status	200 OK			
Screenshot	POST V http://192.168.2.156:8085/hi-ee//services	Params	end 🗸	Save ~
	Authorization Headers (1) Body Pre-request Script Tests		1	Cookies Code
	form-data form-urlencoded raw binary			
			Ð	key-Value Edit
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 68 ms	Size: 390 B
	Pretty Raw Preview			Ū
	{"status":1, "response":{"message":"Filter Test success. Condition Test success"}}			

4.4.1.11 Apply Security details:

URL	/services		
Description	It allows user to apply requested security details while metdata creation.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//servic	ces	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=access&formData={'uuid':'2c703973-f996-4919-bfdf- 4528945d1b3d','expression':[{'expressionName':'TestSecurity','expressionTyp e':'global','accessType':'grant','executionType':'conditionIf','on':['MEETING_ DETAILS'],'condition':'\${org}.name != 'Null'','filter':'meeting_details.client_name = \${org}.name','action':'add'}]}" http://192.168.2.156:8085/hi-ee//services -v		
HTTP Request	HTTP Request Value	Description	
Key			

type:	adhoc	Type as adhoc	
serviceType:	metadata	Service type as metadata	
service:	access	Service as access	
formData:	<pre>{"uuid":"2c703973-f996-4919-bfdf- 4528945d1b3d","expression":[{"exp ressionName":"TestSecurity","expre ssionType":"global","accessType":" grant","executionType":"conditionIf ","on":["MEETING_DETAILS"],"c ondition":"\${org}.name != 'Null"","filter":"meeting_details.clien t_name = \${org}.name","action":"add"}]}</pre>	formData contains the all metadata security details like executionType, condition and the filter data. Alog with uuid assigned for metadata.	
Response	{"status":1,"response":{"expressionId	":"fb11ee83-8b12-4fb1-94d2-	
Output(JSON	625db4681c9b"}}		
Format)			
Description of	The response of the API is, it returns	the success status value as 1 if it fails	
Autout.	leturiis 0 as the status with assigned ea	Contraction of Security .	
Service Status	200 OK		
Servanshat			
Screensnot	POST V http://192.168.2.156:8085/hi-ee//services	Params Send > Save >	
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code	
	● form-data ● x-www-form-urlencoded ● raw ● binary		
		Key-Value Edit	
	type:adhoc serviceType:metadata service:access formBata:{"uuid":"2c703973-f996-4919-bfdf-4528945d1b3d","expression": [{"expressionName":"TestSecurity","expressionType":"global","accessType":"grant","executionType":"conditionIf","on": [{"MEETING_DETAILS"],"condition":"\${org}.name != 'Null'","filter":"meeting_details.client_name = \${org}.name","action":"add"}]}		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 76 ms Size: 388 B	
	Pretty Raw Preview	ū	
	{"status":1,"response":{"expressionId":"f38739b1-e1f8-4c74-bd1b-7984ea	a2f2c1")}	

4.4.1.12 Save Metadata details:

URL	/services
Description	It allows user to save the metdata after applied all the filters, security.
Pre-requisite	User should have logged in before accessing the service.[Refer login module]
	If the user is not logged in then you will get login page.

Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser : http://192.168.2.156:8085/hi-ee//services Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=update&formData={'database':'HIUSER','classifier':'db.workfl ow','tables':{'HIUSER.MEETING_DETAILS':'MEETINGDETAILS'},'colum ns':{},'joins':[{'action':'noChange','id':'c2726f55-f43f-44bc-99f6- 122e1b71204a'}],'access':{'expression':[{'expressionId':'fb11ee83-8b12-4fb1- 94d2-625db4681c9b','action':'delete'},{'expressionId':'e1520daf-958b-423d- a4e5-ac7a5c5fc1cd','action':'delete'},'idynamicDataSource','baseType':'g1 obal.jdbc'},'location':'1507554717873','uniqueId':'2c703973-f996-4919-bfdf- 4528945d1lb3d','fileName':'TestMetadata'}'' http://192_168_2_156:8085/bi-	
HTTP Request	HTTP Request Value	Description
Key	1	r
type:	adhoc	Type as adhoc
serviceType:	metadata	Service type as metadata
service:	update	Service as update
formData:	<pre>{"database":"SampleTravelData","classifier ":"db.workflow","tables":{},"columns":{}," duplicate":{"table":[],"column":[]},"joins":[{"action":"noChange","id":"caf1888c-1f82- 4c49-9ee4- 052b5f0d38e4"},{"action":"noChange","id" :"6c400720-0e42-4687-a0ef- 31507c2cf369"},{"action":"noChange","id" :"de81bf54-0a23-48ed-a8c5- e9685ec716d8"},{"action":"noChange","id" :"395e59f8-11d5-4123-94e3- 5584012ff33b"}],"access":{"expression":[]} ,"views":[],"dataSource":{"sync":false,"id": "83","catSchemaPredicted":false,"catalog":" SampleTravelData","schema":"","type":"dy namicDataSource","baseType":"global.jdbc ","changed":false},"fileName":"Metadata_1 ","removeItem":{"tables":[],"columns":[],"views":[]},"inmemory":{},"location":"15377 67315139/1544093880902","uniqueId":"0ef 83719-e48e-4fc7-8032-d77c31686340"}</pre>	formData contains the all metadata details like database details,metadatasecurity details etc.

Response	{"status":1 "response":{"message":"Successfully saved metadata	
Output(ISON	file" "location": "1537767315139/154/093880902" "uuid": "af3df56f-25b8-	
	1006 = 2200 Orb 469561 = 0.4 moto data ")	
Format)	4080-a389-000418501e90.metadata }}	
Description of	The response of the API is, it returns the success status value as 1 if it fails	
Response	returns 0 as the status with success message and the metadata stored location	
Output:	with physical name of metadata file.	
Service Status	200 OK	
Screenshot	POST V http://192.168.2.156:8081/hi-ee/services.html Params Send V Save V	
	Authorization Headers (1) Body Pre-request Script Tests Code	
	🔘 form-data 🔹 x-www-form-urlencoded 🔍 raw 🔍 binary	
	Key-Value Edit	
	<pre>type: adhoc service:type: metadata service:type: metadata service:type: metadata service:type: metadata service:type: metadata service:type: adhoc formBata: ("actabase':SampleTravelData", "classifier":"db.workflow", "tables":{}, "columns":{}, "duplicate":("table":[], "column": []), "joins":[{"action": "nochange", "id":"dealbfs4-042-048-042-05850671804"}, ("action": "nochange", "id":"30400720-042-0487-8067- 315072057895"), ("action": "nochange", "id":"dealbfs4-042-048-048-048504051804"), ("action": "nochange", "id":"335653671804-4123-0463- 5564012ff33b"), "access": ("expression":[]), "views":[], 'dataSource'', "baseType":"dloba Lidbc", "changed": false, 'file#ame": "Metadata_1", "genovertiem": ("tables":[], "columns":[], "views":[]), "inmemory": [], "location": "1537767315139/154093880802", "uniqueId": "Oef83713-0482-dfc7-8032-dfc7-8032-dfc7-8032-dfc7- /" ("settion": "false, "file#ame": "Metadata_1", "genovertiem": "Catalos: "Deales":[], "columns":[], "location": "Deales":[], "inmemory": [], "location": "1537767315139/1544093880802", "uniqueId": "Oef83713-0482-dfc7-8032-dfc7-8048-dfc7-8032-dfc7-8048-dfc7-</pre>	
	Body Cookies (10) Headers (4) Test Results Status: 200 OK Time: 95 ms	
	Pretty Raw Preview HTML V 🚍	
	<pre>i ("status":1,"response":("message":"Successfully saved metadata file","location":"1537767315139/1544093880902","uuid":"af3df56f-25b8-4086-a389-6</pre>	

4.4.1.13 Metadata SaveAs:

Note : Metadata saveAs service is same as metadata save service only difference is that it has the extra key values as newLocation, name of file etc.

URL	/services	
Description	It allows user to saveAs the metdata at different location with different	
	filename after applied all the filters, security.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example		
	Access through browser :	

	http://192.168.2.156:8085/hi-ee//services		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=update&formData={'database':'HIUSER','classifier':'db.generi c','tables':{},'columns':{},'joins':[{'action':'noChange','id':'c2726f55-f43f- 44bc-99f6-122e1b71204a'}],'access':{'expression':[]},'views':['475d53c1- b606-40ca-816b- 05d784ea5a50'],'dataSource':{'id':'1','type':'dynamicDataSource','baseType':'gl obal.jdbc'},'newLocation':'1507554717873','location':'1463377807724','uuid':' c1df0ca2-91ae-4ae0-99fe- 07bf158402be_metadata''fileName':'TestMetaDataSaveAs'}		
	http://192.168.2.156:8085/hi-ee//servie	ces -v	
HTTP Request	HTTP Request Value	Description	
Key			
type:	adhoc	Type as adhoc	
serviceType:	metadata	Service type as metadata	
service:	update	Service as update	
formData:	{"database":"HIUSER","classifier":"db.gen eric","tables":{},"columns":{},"joins":[{"ac tion":"noChange","id":"c2726f55-f43f- 44bc-99f6- 122e1b71204a"}],"access":{"expression":[] },"views":["475d53c1-b606-40ca-816b- 05d784ea5a50"],"dataSource":{"id":"1","ty pe":"dynamicDataSource","baseType":"glo bal.jdbc"},"newLocation":"1463377807724 ","location":"1507554717873","uuid":"82a3 fca3-5997-4177-900f- 2a5980574978.metadata","fileName":"Test MetaDataSaveAs"}	formData contains the all metadata details like database details,metadatasecurity details etc. It contains the metadata file new location.	
Response	{"status":1,"response":{"message":"Su	uccessfully saved metadata	
Output(JSON Format)	file","location":"1463377807724","uuid":"5e403ba2-8885-457d-8a46- 6290908d3cba metadata"}}		
Description of	The response of the API is, it returns	the success status value as 1 if it fails	
Response	returns 0 as the status with success me	essage and the metadata stored new	
Output:	location with physical name of metadata file.		
Service Status	200 OK		

Authorization Headers (1) Body Pre-request Script Tests		Cookies Code
● form-data ● x-www-form-urlencoded ● raw ● binary		
		Key-Value Edit
service:update formData:("database":"HIUSER", "classifier":"db.generic", "tables":{}, "columns":{}, "joi 99f6-122elbr1204a"}],"access":("expression":[]), "views":["475d53c1-6666-40ca-816b-05d {"1d":"1", "type":"dynamicDataSource", "baseType":"Global.jdbc"}, "newLocation":"1463377 5997-4177-900f-2a596b574978.metadata", "fileName":"TestMetaDataSaveAs"} Body. Cookies (5) Headers (7) Tests	ns":[{"action":"noChange","id":"c2 1784ea5a50"],"dataSource": 807724","location":"1507554717873" Status: 200 OK TT	726f55-f43f-44bc- ,"uuid":"82a3fca3- me:73 ms Size: 4618
service:update formbata:("dtabase":"HUUSER","classifier":"db.generic","tables":{},"columns":{},"jui 9976-122e1b71204a"]],"access":("expression":[]},"wiews":["475d53c1-b606-40ca-816b-05d {'id":"1","type":"dynamicDataSource","DaseType":"Global.jdbc"}, 'newLocation":"1463377 5997-4177-9007-22596jb574978.metadata", "fileName":"TestMetaDataSaveAs") Body Cookles (5) Headers (7) Tests Pretty Raw Preview	ns":[{"action":"noChange","id":"c2 1784ea5a56"],"dataSource": 800724","location":"1507554717873" Status: 200 OK Ti	726f55-f43f-44bc- ,"uuid":"82a3fca3- ime: 73 ms Size: 461 B

4.4.1.14 Get Dialect Information for metadata:

URL	/services.html	
Description	The user will get the dialect information	as per provided metadata file.
Pre-requisite	User should have logged in before access	ssing the service.[Refer login module]
	If the user is not logged in then you will get	login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8081/hi-ee/services.html	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met adata&service=dialectInformation&formData={'metadataFileName':'e9be677 1-995b-40eb-a01c- 304857a100a1.metadata','location':'1463377807724/1463377836985'}}" http://192.168.2.156:8081/hi-ee/services.html -v	
HTTP Request	HTTP Request Value	Description
Key		
type:	adhoc	type as adhoc
serviceType:	metadata	serviceType as metadata
service:	dialectInformation	The service is to get the dialectInformation

formData:	{"metadataFileName":"e9be6771-	Provide metadata file name and its
	995b-40eb-a01c-	physical location
	304857a100a1.metadata","location":"	
	1463377807724/1463377836985"}}	
Degnonge	("status": 1 "response": ("matadateEileN	ama","a0ha6771 005h 40ah a01a
Response	{"status":1,"response":{"metadataFileName":"e9be6//1-995b-40eb-a01c-	
Output(JSON	30485/a100a1.metadata", "location": 14	-633//80//24/14633//836985", "com
Format)	ponentJson":{"@class":"com.helicalinsi	ght.adhoc.services.DatabaseViewHan
	dler","@classifier":"db.generic,	db.calcite, db.workflow,
	db.noSql"},"openQuote":"\"","closeQuo	ote":"\"","dialectName":"org.hibernate
	.dialect.DerbyTenSevenDialect"}}	
Description of	The response of the API is, it returns th	e success status value as 1 if it fails
Response	returns 0 as the status.	
Output:		
Service Status	200 OK	
Screenshot	Get dialect information for metadata	Examples (0) +
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Code
	I form-data 🔹 x-www-form-urlencoded I raw I binary	
		Key-Value Edit
	type: <u>adhoc</u> <u>serviceType</u> : metadata service: dialectInformation	
	formData:("metadatafileName":"e8be6771-995b-40eb-a01c-304857a100a1.met	adata","location":"1463377807724/1463377836985"}}
	Body Cookies (10) Headers (4) Test Results	Status: 200 OK Time: 350 ms
	Pretty Raw Preview	Save Response
	{"status":1, "response":{"metadataFileName":"e9be6771-995b-40eb-a01c-304857a100 {"@class":"com.helicalinsight.adhoc.services.DatabaseViewHandler","@classifier":"db.	a 1.metadata", "location": "1463377807724/1463377836985", "componentJson": generic, db.calcite, db.workflow,
	db.noSql"},"openQuote":"\"","closeQuote":"\"","dialectName":"org.hibernate.dialect.D	erby ienSevenDialect"}}

4.4.1.15 Get all files related to metadata:

URL	/services.html	
Description	The user will get all dependent files related to metadata.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	

	http://192.168.2.156:8081/hi-ee/services.html	
	Access through Curl command : curldata	
	"j_username=hiadmin&j_password=hiadmin&type=core&serviceType=dataS ource&service=listing&formData={'metadataFileName':'9d95494f-a302- 4b45-880c-	
	4043-0000- 9550bcb53e1a.metadata', 'classifier': 'metadata', 'location': '1537767315139/154 4093880902'} " http://192.168.2.156:8081/hi-ee/services.html -v	
HTTP Request	HTTP Request Value	Description
Key		
type:	core	type as core
serviceType:	dataSource	serviceType as dataSource
service:	listing	The service is to list the resources
		related to provided global
		datasourceID
formData:	{"metadataFileName":"9d95494f-	metadataFileName:name of the
	a302-4b45-880c-	metadata file.
	9550bcb53e1a.metadata","classifier":"	Classifier :metadata
	metadata","location":"1537767315139	location : location of metadata file
	/1544093880902"}	
Response	{"status":1,"response":{"adhocReports":[{"reportFile	eName":"4a4f065d-d06d-4315-8bfe-
Output(JSON	581740bff5df.report", "reportName": "PlainJDBCRep 880c-	ort2","metadataFileName":"9d95494f-a302-4b45-
Format)	9550bcb53e1a.metadata","location":"/1537767315139/1544093880902/","savedReports":[],"designerR	
	eports":[{"designerReportName":"PlainJDBCDSRep 8bfe-	oort2", "reportFileName": "4a4f065d-d06d-4315-
	581740bff5df.report", "reportDirectory": "153776731:	5139/1544093880902","efwFileName":"6fc19cb2-
	31ae-4/50-961/- 1517c64b5b03.efw"}.{"designerReportName":"Plair	JDBCDSReport1","reportFileName":"4a4f065d-
	d06d-4315-8bfe-	
	581740bff5df.report", "reportDirectory": "1537767315	5139/1544093880902", "efwFileName": "8ea54e00-
	2109-4135-a14a-b42cbe95a2c6.efw"}]},{"reportFileName":"a84fcee7-bc94-47af-a5c6- 1db225940b6e.report","reportName":"PlainJDBCDSReport1","metadataFileName":"9d95494f-a302-	
	4b45-880c- 9550bcb53e1a metadata" "location"·"/1537767315139/1544093880902/" "savedPenorts"·D "designerP	
	eports":[{"designerReportName":"PlainJDBCDSRep a5c6-	port2", "reportFileName":"a84fcee7-bc94-47af-
	1db225940b6e.report", "reportDirectory": "15377673	15139/1544093880902","efwFileName":"6fc19cb2
	-31ae-4750-96f7- 1517a64b5b03 afw") ("designerPapertName":"Plair	DPCDSPapert 1" "raport EilaNama", "ag/face7
	bc94-47af-a5c6-	BEDEREPORT, reportmentalle : ao41000/-
	1db225940b6e.report", "reportDirectory": "153776731	15139/1544093880902", "efwFileName": "8ea54e00
	-2109-4135-a14a-b42cbe95a2c6.efw"}]},{"reportFile dfd8210c2477.report","reportName":"ManagedDSRe	eName":"dd7896b2-8333-43d6-8fc1- eport2","metadataFileName":"9d95494f-a302-
	4b45-880c-	
	9550bcb53e1a.metadata", "location": "/153776731513 eports": [{"designerReportName": "ManagedDSDash]	39/1544093880902/","savedReports":[],"designerR
	8fc1-	, report normale . du/0502-0555-4500-

Description of Response Output:	dfd8210c2477.report", "reportDirectory": "1537767315139/1544093880902", "efwFi -b949-45f2-ad55- c8f973348465.efw"}, {"designerReportName": "ManagedDSDashboard1", "reportFil 8333-43d6-8fc1- dfd8210c2477.report", "reportDirectory": "1537767315139/1544093880902", "efwFi -6e2d-4286-8e15-64e9736a4028.efw"}]}]} The response of the API is , it returns the success status value a returns 0 as the status.	leName":"05a64cbd leName":"dd7896b2- leName":"32e31b8e as 1 if it fails
Service Status	200 OK	
Screenshot	Get List of all files related to metadata POST http://192.168.2.156:8081/hi-ee/services.html Params Authorization Headers (1) Body Pre-request Script Tests form-data x-www-form-unlencoded raw binary type:core service:Type:dataSource service:Listing formotat:("metadataFileName": "9d95494f-a882-4045-8886- 95500cb33e1a.metadata", "classifier": "metadata", "location": "1537767315138/1544093880902")	Examples (0) + Send V Save V Code Key-Value Edit
	Body Cookies (10) Headers (4) Test Results Pretty Raw Preview HTML V Test Results f 1 ("designerReportName": "NanagedDSDashboard1", "reportFileName": "dd7896b2-8333-43d6-8fc1-dfd8210c2477.report", "reportEileName": "dd7896b2-8333-43d6-8fc1-dfd8210c2477.reportEileName": "dd7896b2-8508.reportEileName": "dd789	Status: 200 OK Time: 9769 ms

4.4.1.16 Delete metadata:

4.4.1.16.1 Simple- Delete metadata

URL	/services.html	
Description	The user can delete metadata with simple type which will delete only	
	respective metadata file.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8081/hi-ee/services.html	
	Access through Curl command :	

	curldata "i_username=hiadmin&i_password=hiadmin&type=adhoc&serviceType=met		
	adata&service=deleteMetadata&formData={'metadataFileName':'9a27e465-		
	07ca-439c-a0ef-		
	7/b645bca824.metadata', 'type': 'simple', 'location': '1537/67315139/154409388		
HTTP Request	HTTP Request Value	Description	
Кеу	-	•	
type:	adhoc	type as adhoc	
serviceType:	metadata	serviceType as metadata	
service:	deleteMetadata	The service is to delete metadata	
formData:	{"metadataFileName":"9a27e465- 07ca-439c-a0ef- 77b645bca824.metadata","type":"sim ple","location":"1537767315139/1544 093880902"}	Metadatafilename with its location is required along with simple as a type	
Response Output(JSON Format) Description of Response	{"status":1,"response":{"message":"Me The response of the API is , it returns th returns 0 as the status.	tadata deleted successfully"}}	
Output:			
Service Status	200 OK		
Screenshot	 Simple-Delete Metadata POST v http://192.168.2.156:8081/hi-ee/services.html Authorization Headers (1) Body Pre-request Script Tests form-data x-www-form-uriencoded raw binary type:adhoc service:rdpleteMetadata service:rdpleteMetadata service:rdpleteMetadata formData: ("metadataFileName": "Ba27e465-07ca-438c-a8ef-77b645bca824.met Body Cookies (10) Headers (4) Test Results Pretty Raw Preview HTML v p f 1 ("status":1,"response": ("message": "Metadata deleted successfully")) 	Examples (0) - Params Send Save Code Code Rey-Value Edit addata", "type"; "simple", "location"; "1537767315138/1544093880902"} Status: 200 OK Time: 5298 ms C Q Save Response	

4.4.1.16.2 Cascade- Delete metadata

URL	/services.html		
Description	The user can delete metadata with cascade type which will delete all		
	dependent resources along with metadata file.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://102.168.2.156.8081/hi ag/gamiaga html		
	http://192.108.2.150:8081/hi-ee/services.ntml		
	Access through Curl command :		
	curldata		
	"j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met		
	adata&service=deleteMetadata&formData={'metadataFileName':'9a27e465- 07ca-439c-a0ef		
	77b645bca824.metadata','type':'simple',	'location':'1537767315139/154409388	
	0902'}" http://192.168.2.156:8081/hi-ee/services.html -v		
HTTP Request	HTTP Request Value		
min mequese	IIIII Request value	Description	
Key		Description	
Key type:	adhoc	type as adhoc	
Key type: serviceType:	adhoc metadata	Description type as adhoc serviceType as metadata	
Key type: serviceType: service:	adhoc metadata deleteMetadata	Description type as adhoc serviceType as metadata The service is to delete metadata	
Key type: serviceType: service:	adhoc metadata deleteMetadata	Description type as adhoc serviceType as metadata The service is to delete metadata	
Key type: serviceType: service: formData:	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029-	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is	
Key type: serviceType: service: formData:	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308-	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a	
Key type: serviceType: service: formData:	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type	
Key type: serviceType: service: formData:	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type	
Key type: serviceType: service: formData:	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544 093880902"}	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type	
Key type: serviceType: service: formData:	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544 093880902"} {"status":1,"response":{"message":"Me	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type tadata deleted successfully"}}	
Key type: serviceType: service: formData: Response Output(JSON Format)	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544 093880902"} {"status":1,"response":{"message":"Me	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type tadata deleted successfully"}}	
Key type: serviceType: service: formData: Response Output(JSON Format) Description of	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544 093880902"} {"status":1,"response":{"message":"Me	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type tadata deleted successfully"}}	
Key type: serviceType: service: formData: Response Output(JSON Format) Description of Response	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544 093880902"} {"status":1,"response":{"message":"Me The response of the API is , it returns the returns 0 as the status	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type tadata deleted successfully"}} me success status value as 1 if it fails	
Key type: serviceType: service: formData: Response Output(JSON Format) Description of Response Output:	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544 093880902"} {"status":1,"response":{"message":"Me The response of the API is , it returns the returns 0 as the status.	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type tadata deleted successfully"}} te success status value as 1 if it fails	
Key type: serviceType: service: formData: Response Output(JSON Format) Description of Response Output: Service Statue	adhoc metadata deleteMetadata {"metadataFileName":"1e86d029- 396a-45bf-9308- eb6144cacb99.metadata","type":"casc ade","location":"1537767315139/1544 093880902"} {"status":1,"response":{"message":"Me The response of the API is , it returns the returns 0 as the status.	Description type as adhoc serviceType as metadata The service is to delete metadata Metadatafilename with its location is required along with cascade as a type tadata deleted successfully"}} ne success status value as 1 if it fails	

Screenshot	, > Cascade-Delete Metadata			Examples	(0) -		
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params	Send 👻	Save	~		
	Authorization Headers (1) Body Pre-request Script Tests				Code		
	I form-data 🔹 x-www-form-urlencoded I aw I binary						
				Key-Value	e Edit		
	type:adhoc service/vpe:metadata						
	Set 14ce 14ce 14ce 14ce 14ce 14ce 14ce 14ce	"cascade","location":"1537	767315139/154	409388090	2"]		
					/i		
	Body Cookies (10) Headers (4) Test Results		Status: 200 OK	Time: 765	0 ms		
	Pretty Raw Preview HTML V		Ē Q	Save Respo	onse		
	<pre>f 1 {"status":1, "response": {"message": "Metadata deleted successfully"}}</pre>						

4.4.1.17 DICE :: Metadata Sync :: Get Information

URL	/services.html			
Description	The user will get DICE metadata sync static information.			
Pre-requisite	User should have logged in before accessing the service. [Refer login module]			
	If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN			
HTTP Request	POST			
Method				
Example	Access through browser :			
	http://192.168.2.156:8081/hi-ee/services.html Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&type=content&serviceType=st atic&service=getContents&formData={'contentId':'Static/InMemory'}" http://192.168.2.156:8081/hi-ee/services.html -v			
HTTP Request	HTTP Request Value	Description		
Key				
type:	content	type as content		
serviceType:	static	serviceType as static		
service:	getContents	The service is to getContents		
----------------	--	--	--	--
formData:	{"contentId":"Static/InMemory"}	Action for static contents		
Response	{"status":1,"response":{"inMemoryCon	tent":{"warningItems":["Middleware		
Output(JSON	- It is capable of handling several pe	tabytes of data at a time, distributed		
Format)	across a cluster of thousands of coop	erating physical or virtual servers. It		
	provides distributed task dispatch	ing, scheduling, and basic I/O		
	functionalities, exposed through	an application programming		
	interface.", "Cache - Caching or persis	tence are optimisation techniques for		
	(iterative and interactive) Spark com	putations. They help saving interim		
	partial results so they can be reused	in subsequent stages. These interim		
	disk and/or replicated " "Cache Vs Pers	ist The difference between cache and		
	persist operations is purely syntactic	cache is a synonym of persist or		
	persist (MEMORY ONLY) i.e. cache	is merely persist with the default		
	storage level MEMORY ONLY."	Warning: Enabling Middleware or		
	Cache/Persist requires a significant Memory Please Make sure that you have			
	good RAM/Memory"]}}}			
Description of	The response of the API is, it returns th	e success status value as 1 if it fails		
Response	returns 0 as the status.			
Output:				
Service Status	200 OK			
Screenshot	DICE:: Metadata Sync :: Get Info	Examples (0) 👻		
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Send V Save V		
	Authorization Headers (1) Body Pre-request Script Tests	Code		
	form-data *x-www-form-urlencoded raw binary	and the set		
	type: content	Rey-Value LOIT		
	<pre>service:getContents formData: {"contentid":"Static/InMemory"}</pre>			
		<i>A</i>		
	Body Cookies (10) Headers (4) Test Results	Status: 200 OK Time: 49 ms		
	Pretty Raw Preview HTML V	🖸 Q Save Response		
	<pre>1 1 1 targ status:1, "response":{"invemoryContent":{"warningItems":["Middleware</pre>	ε - ιι ι» capable of nanoling several petabytes of data at a time, distrib		

4.4.1.18 Fetch metadata Joins

URL	//services	
Description	The user can fetch metadata joins. This service will retrieve all the	
	cachedJoins for all or partial tables which are cached in autoTrigger process	
	that is at the time of Datasource creation	1.
Pre-requisite	User should have logged in before acces	ssing the service. [Refer login module]
A accesible for	If the user is not logged in then you will get	t login page.
Accessible for		
HIIP Request	POST	
Method		
Example	Access through browser :	
	http://192 168 2 156:8081/hi-ee//services	2
	http://1/2.100.2.150.0001/11/06//86//100	5
	Access through Curl command :	
	curldata	
	'j_username=hiadmin&j_password=hiad	lmin&type=adhoc&serviceType=met
	adata&service=fetchJoins&formData={	"classifier":"db.workflow","dataSourc
	e":{"id":"1","type":"dynamicDataSource","dir":"","catalog":"","schema":"HI	
	http://192.168.2.196:7085/hj-ee/services.html -v	
HTTP Request	HTTP Request Value Description	
Key		_ · · · · · · · · · · · · · · · · · · ·
type:	adhoc	type as adhoc
serviceType:	metadata	serviceType as metadata
service:	fetchJoins	The service is to fetch metadata
		joins
formData:	{"classifier":"db.workflow","dataSour	Formdata requires the classifier,
	ce":{"id":"1","type":"dynamicDataSo	datasource id,type,directory,
	urce","dir":"","catalog":"","schema":"	catalog, schema and metadata
	HIUSER"},"metadata":{"table":["al	details.Incase to get joins for all
	l"],"metdataDir":"","filename":""}}	tables user need to provide tables
		value as "_all_"
Response	{"status":1,"response":{"classifier":"db.workflow","r	name":"HIUSER","dataSource":{"sync":false,"id":
Output(JSON	"1", "catSchemaPredicted": false, "catalog": "", "schema	":"HIUSER","type":"dynamicDataSource","baseT
Format)	"left":{"table":"employee details"."column":"employe	ee id"}."right":{"table":"meeting details"."colum
	n":"meeting_by"}},{"id":"aab02b68e2c7febf125c50c	c8c5175037","type":"inner","operator":"=","left":{
	"table":"employee_details","column":"employee_id"}	"right":{"table":"travel_details","column":"travel
	<pre>led_by"}},{"1d":"daa3221b04c18670d4af25ac99f3ae geo_cordinates","column":"location_id"} "right":{"tal</pre>	ble":"type":"inner","operator":"=","left":{"table":"
	{"id":"cdeb5b19799c89335f23ed9b50cc5a22","type"	":"inner","operator":"=","left":{"table":"geo_cordin
	ates", "column":"location_id"}, "right":{"table":"trave c8c87263dedd812f8f74c05b5" "type":"inner" "operate	l_details","column":"source_id"}},{"id":"ca21d00 or":"=" "left":{"table":"geo_cordinates" "column":
	geo_cordinates","column":"location_id"},"right":{"tal {"id":"cdeb5b19799c89335f23ed9b50cc5a22","type" ates","column":"location_id"},"right":{"table":"trave c8c87263dedd812f8f74c05b5","type":"inner","operate	ble":"travel_details", "column":"destination_id"}}, ':"inner", "operator":"=", "left":{"table":"geo_cordin l_details", "column":"source_id"}},{"id":"ca21d00 or":"=", "left":{"table":"geo_cordinates", "column":



4.4.1.19 Fetch metadata Columns

URL	//services	
Description	The user can fetch/get metadata columns for requested tables. This service will	
	retrieve all the cached columns for a particular table which are cached in	
	autoTrigger process that is at the time of datasource creation.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.196:7085/hi-ee/services	
	Access through Curl command :	
	curldata	
	'j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=met	
	adata&service=fetchColumns&formData={"dataSource":{"id":"1","type":"dy	
	namicDataSource","baseType":"global.jdbc","catSchemaPredicted":false,"sy	
	nc":false,"catalog":"","schema":"HIUSER","changed":false},"classifier":"db.	
	workflow","metadata":{"catalog":"","schema":"HIUSER","table":"dimdate"}	
	,"refresh":true}' http://192.168.2.196:7085/hi-ee/services.html -v	

HTTP Request	HTTP Request Value Description		
Key			
type:	adhoc	type as adhoc	
serviceType:	metadata	serviceType as metadata	
service:	fetchColumns	The service is to fetch metadata	
	fetchColumns	table columns	
formData:	{"dataSource":{"id":"1","type":"dynamic	For data requires the classifier,	
	DataSource", "baseType": "global.jdbc", "c	datasource id.type.directory.	
	atSchemaPredicted":false,"sync":false,"ca	catalog schema and metadata details	
	talog":"","schema":"HIUSER","changed":		
	false},"classifier":"db.workflow","metada		
	ta":{"catalog":"","schema":"HIUSER","ta		
	ble":"dimdate"},"refresh":true}		
Response	{"status":1,"response":{"metadata":{"classifier":"db.v	workflow","name":"HIUSER","dataSource":{"syn	
Output(JSON	c":false,"id":"1","catSchemaPredicted":false,"catalog	":"", "schema":"HIUSER", "type":"dynamicDataSo "id":"4ac5d9f68b58bd7c0d179146e46795be" "ali	
Format)	as":"dimdate","columns":{"dim_id":{"alias":"dim_id"	","fullyQualifiedColumn":"dimdate.dim_id","colu	
	mnId":"03516a44-004a-4308-a640-		
	a2b4ddb1ef2f", "defaultFunction": "db.generic.aggreg	ate.sum","type":{"java.lang.Integer":"numeric"}},"	
	fiscal_year":{"alias":"fiscal_year","fullyQualifiedCol	lumn":"dimdate.fiscal_year","columnId":"1493429	
	80f2a01ae2ba", "defaultFunction": "db.generic.groupBy.group", "type":{"java.sql.Date": "date"}}."modifi		
	ed_date":{"alias":"modified_date","fullyQualifiedColumn":"dimdate.modified_date","columnId":"5401		
	821a-42a4-4d49-9b4b- d117834b488f" "defaultFunction"."db generic grounRy groun" "type".f"iava sal Timestamp"."dateTim		
	e"}}."date key":{"alias":"date key"."fullyOualified	Sygroup, type :{ Java.sql.11mestamp : date11m Column":"dimdate.date.key"."columnId":"50959fd	
	2-48ed-4036-be93-		
	003729d449f5","defaultFunction":"db.generic.group	By.group","type":{"java.lang.String":"text"}},"day	
	_number":{"alias":"day_number","fullyQualifiedColumn":"dimdate.day_number","columnId":"03dee1		
	f3acc45450c0", "defaultFunction": "db.generic.groupBy.group", "type":{"java.lang.String": "text"}}, "fisc		
	al_month_name":{"alias":"fiscal_month_name","fullyQualifiedColumn":"dimdate.fiscal_month_name"		
	,"columnId":"823a0db2-e4c6-44b6-92c4-		
	582849b723cd","defaultFunction":"db.generic.group	By.group", "type": {"java.lang.String": "text" } }, "fisc	
	columnId":"680d5372-dbe6-48c8-8747-	QuannedColumn . unidate.insear_montif_taber ,	
	a088b5614384","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"cre		
	ated_date":{"alias":"created_date","fullyQualifiedColumn":"dimdate.created_date","columnId":"0b258		
	dce-983c-4c51-a380- 4da21db23c54" "defaultFunction"."db generic group	By group" "type":{"iava lang String"."text"}} "cre	
	ated_time":{"alias":"created_time","fullyQualifiedCo	blumn":"dimdate.created_time","columnId":"c5aee	
	e09-8513-469e-9e29-		
	93ed14f63ece", "defaultFunction": "db.generic.group	3y.group", "type":{"java.lang.String":"text"}}, "ratin	
	8ab7a476671d", "defaultFunction": "db.generic.group"	By.group", "type":{"java.lang.String":"text"}}}."na	
	me":"dimdate"}}}		
Description of	The response of the API is, it returns the	e success status value as 1 if it fails	
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		



4.4.2 Metadata Edit

Note : To edit metadata firstly you need to use the below API to edit the particular metadata file , after onwards whatever changes you can do to metata for that refer the above API's of metadata-create section.

For Ex. View , security, Info section of Metadata.

4.4.2.1 Get metadata details:

URL	/services	
Description	It allows user to get the details of existing metdata for edit. It requires the	
	location and the file name to get detail	s.
Pre-requisite	User should have logged in before acc	essing the service.[Refer login module]
	If the user is not logged in then you will g	et login page.
Accessible for	ROLE_ADMIN	
HTTP Request	POST	
Method		
Example		
	Access through browser :	
	1.4	
	http://192.168.2.156:8085/h1-ee//services	
	Access through Curl command :	
	"i username=hiadmin&i password=h	iadmin&type=adhoc&serviceType=met
	adata&service=get&formData={'location':'1507554717873','metadataFileNa	
	me':'40a3dad4-3be1-4c60-808a-e9bdf124ab9f.metadata','provideJoins':true}"	
	http://192.168.2.156:8085/hi-ee//servi	ces -v
HTTP Request	HTTP Request Value	Description
Key		
type:	adhoc	Type as adhoc
serviceType:	metadata	Service type as metadata
service:	get	Service as get

formData:	{"location":"1507554717873","meta dataFileName":"40a3dad4-3be1- 4c60-808a- e9bdf124ab9f.metadata","provideJoi ns":true}	formData contains the location and the metadata file name before editing metadata.
Response Output(JSON Format)	<pre>{"status":1,"response":{"classifier":"db.generic","name":"K12_Data","dataSource":{"id":"8","type":"dy namicDataSource", "baseType":"global.jdbc"},"uniqueld":"40a3dad4-3be1-4c60-808a- e9bdf124ab9f","tables":{"district";"id":"fdd54a9f-6656-4345-a736- 8dc3d9787fb5","alias":"district","columns":{"District_Id":{"alias":"District_Id","defaultFunction"::"db. generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},"District_Name":{"alias":"District_Na me","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"School_Id";"defaultFunction":"db. generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},"Student_Id";"defaultFunction":"db. generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},"Student_Id","defaultFunction":"db. generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},"Student_Id","defaultFunction":"db. generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},"Student_Id","defaultFunction":"db. generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},"Student_Id","defaultFunction":"db. generic.aggregate.sum","type":{"java.lang.Integer":"numeric"}},"Student_Na me","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"School_Name" :{"alias":"School_Name","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"Gender":{"alias":"Gender","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"Gender":{"alias":"Gender","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"Gender":{"alias":"Gender","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"Gender":{"alias":"Gender";"alias":"Ethnicity","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"Gender":{"alias":"Gender";"alias":"Ethnicity","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.String":"text"}},"Gender";"alias":"Gender";"alias":"Ethnicity","defaultFunction":"db.generic.groupBy.group","type":{"java.lang.St</pre>	
Description of	The response of the API is, it returns	the all details of existing metadata like
Response	its name, id used security, schema,tal	bles along with column names.
Output:	classifier : name of classifier	
	name: name of datasource	
	dataSource: datsource array with if , t	type,baseType of datasource.
	metadataName : Name of metadata f	11e
	metadataDir : Name of metadataDir	
	tables : Array with all column details	like(id,alias name,default applied
	function, type of column etc)	
Service Status	200 OK	

Screenshot	POST V http://192.168.2.156:8085/hi-ee//services	Params	Send 🗸	Save	~	
	Authorization Headers (1) Body • Pre-request Script Tests			Cookies	Code	
	◎ form-data: ● x-www-form-urlencoded ● raw ● binary					
				Key-Valu	e Edit	
	type:aanoc service:gype:metadata service:get formData:{"location":"1507554717873","metadataFileName":"40a3dad4-3be1-4c60-808a-e9bd1	fi24ab9f.metadata","provideJoj	ins":true}	5 m 2		
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	rime. 72 ms	5126. 2.3		
	Pretty Raw Preview				LD.	
	<pre>("status":1,"response":{"classifier":"db generic","name":"K12_Data","dataSource": {"id":"8","type":"dynamicDataSource","baseType":"global;dbc"),"uniqueId":"40a3dad4-3be1-4c60-808a-e9bdf124ab9f","tables":{"district": {"id":"8","tpd5:4p5-665-4345-736-8c3d9787b5","district","columns", {"District_Id": {"alias":"District_Id","defaultFunction":"db generic.ggregate sum","type":{"java.lang.Integer":"numeric"}},"District_Name": {"alias":"District_Name","defaultFunction":"db generic.ggregate.sum","type":{"java.lang.Integer":"numeric"}},"Student";{"id":"f128bc43a-3174-4d42- ad35-112c3ef01f75","alias":"student","columns":{"Student_Id":"f1ais";"Student_Id","defaultFunction":"db generic.ggregate.sum","type":{"java.lang.Integer":"numeric"}}},"student","tupe":{"java.lang.Integer":"numeric"}}},"student","tupe": {"alias":"School_Id","defaultFunction::"db generic.ggregate.sum","type":{"java.lang.Integer":"numeric"}}},"student","f28bc43a-3174-4d42- ad35-112c3ef01f75","alias";"student","columns";{"Student_Id","defaultFunction":"db generic.ggregate.sum","type": {"alias":"School_Id","defaultFunction":"db generic.ggregate.sum","type":{"java.lang.Integer":"numeric"}}},"student","tupe": {"alias":"School_Id","defaultFunction":"db generic.ggregate.sum","type":{"java.lang.Integer":"numeric"}}},"student","tupe": {"alias":"School_Id","defaultFunction":"db generic.ggregate.sum","type":{"java.lang.Integer":"numeric"}}},"student","tupe": {"alias":"School_Id","defaultFunction":"db generic.ggregate.sum","type":{"java.lang.Integer":"numeric"}}},"student","tupe": {"ad35-112c3ef01f75","alias","student","columns";{"Student_Id","defaultFunction":"db generic.ggregate.sum","type":</pre>					

4.4.2.2 Metadata SaveAs

4.5 Report Operations

4.5.1 Create Report

http://192.168.2.184:8085/hi-ee/adhoc/report-create.html

4.5.1.1 Get Metadata :

4.5.1.2 Get Metadata DB Functions:

URL	/services	
Description	It allows user to see which database functions are available for selected	
	metadata datasource.	
	Database functions may differ according to database driver used.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	POST,GET	
Method		
Example	Access through browser :	

	http://192.168.2.156:8085/hi-ee//servie	ces
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=h	iadmin&type=adhoc&serviceType=met
	07554717873', 'metadataFileName': '84 88bbf2049500.metadata', 'metadataNan	b8f397-b66c-4b7e-b19e- me':'TestMetadata','metadataDir':'New
HTTP Poquest	HTTP Paguest Value	Description
Kev	III II Request Value	Description
ixey	11	
type:	adhoc	Type as adhoc
serviceType:	metadata	Service type as metadata
service:	getFunctions	Service as getFunctions
formData:	{"classifier":"db.generic","location": "1507554717873","metadataFileNa me":"84b8f397-b66c-4b7e-b19e- 88bbf2049500.metadata","metadata Name":"TestMetadata","metadataDi r":"New Folder"}	formData contains the all metadata info like location,filename etc.
Response Output(JSON Format)	<pre>["status":1, "response":{"databaseFunctions":{"date":[{"key":"sql.date.year", "description":"Displays the year from a given date.", "value": "year", "signature":"YEAR(\${date})", "parameters":[{"name":"date", "column":true}]],{" key": "sql.date.day", "description":"The DAY function returns the day part of a value. The result of the function is an integer between 1 and 31", "value":"daty", "signature":"DAY(\${date})", "parameters":[{"name":"date", "column":true}]],{"key": "sql.date.month", "description":"Displays month from the date within range 1-12 (January- December)", "value":"month, "signature":"month(\${datetime})", "parameters":[{"name":"datetime", "col umn":true}]],{"key":"sql.date.monthyear", "description":"Displays month and year in (month-year) format ", "value":"month-year", "signature":"CAST(month(\${column}) AS CHAR(20)) '-' CAST(YEAR(\${column}) AS CHAR(20) ", "parameters":[{"name":"column","column":true,"defaultValue":"0"}]], {"key":"sql.date.q uarter", "description":"Displays quarter of the year for a date (1- 4)", "value":"quarter", "signature":"CASE MONTH(\${column})\n\ttyltyltyltyltyltyltyltyltyltyltyltyltyl</pre>	

	time.","value":"minute","signature":"MINUTE(\${datetime})","parameters":[{"name":"datetime","colu
	mn":true}]},{"key":"sql.dateTime.currentdate","description":"The CURRENT_DATE function returns
	the current date.","value":"currentdate","signature":" (VALUES
	CURRENT_DATE)", "parameters":[]}, {"key": "sql.dateTime.currenttime", "description": "The
	CURRENT_TIME function returns the current time.", "value": "currenttime", "signature": "(VALUES
	CURRENT_TIMES , parameters :[]}, { key : sql.dateTime.currentumestamp , description : The CURDENT_TIMESTAMP function ratures the current timestamp:" "value"."current" "signature"."
	(VALUES CURRENT TIMESTAMP)
	"."parameters":[]}]."numeric":[{"key":"sol.numeric.bigint"."description":"BIGINT function returns a
	64-bit integer representation of a number or character string in the form of an integer
	constant.","value":"bigint","signature":"BIGINT(\${decimal})
	","parameters":[{"name":"decimal","column":true,"defaultValue":"0"}]},{"key":"sql.numeric.cast","des
	cription":"The CAST function converts a value from one data type to another and provides a data type
	to a dynamic parameter (?) or a NULL value.","value":"cast","signature":"CAST(\${text} AS
	\${format})", "parameters":[{"name":"text", "column":true, "default Value":"0"}, {"name":"format"}]}, {"
	key: sql.numeric.ceiling", description : Displays the smallest integer value not less than the number
	n"true "defaultValue":"(0")]]} {"key":"sal numeric floor" "description":"Displays the largest value not
	greater than a number
	specified.", "value": "floor", "signature": "FLOOR(\${decimal})", "parameters": [{"name": "decimal", "colu
	mn":true,"defaultValue":"0" }]},{"key":"sql.numeric.mod","description":"Displays the remainder of a
	number divided by another
	number.","value":"mod","signature":"MOD(\${number},\${divisor})","parameters":[{"name":"number",
	"column":true,"defaultValue":"0"},{"name":"divisor","defaultValue":"10"}]},{"key":"sql.numeric.radia
	ns", "description": "Converts the value of a number from degrees to
	radians.", "value": "radians", "signature": "RADIANS(\${number})", "parameters": [{"name": "number", "col
	number " "value": "sqrt" "signature": "SORT(\${ number})" "narameters": [{"name": "number" "column": tr
	ue}]] { "kev": "sql number avg". "description": "Displays the average value of a numeric
	column.", "value": "avg", "signature": "avg(\${distAll}
	\${column})","parameters":[{"name":"distAll","column":false,"defaultValue":"ALL"},{"name":"colum
	n","column":true}]}],"text":[{"key":"sql.text.lower","description":"Converts all characters in the
	specified string to
	lowercase.", "value": "lower", "signature": "LOWER(\${text})", "parameters": [{"name": "text", "column": tr
	ue}];, { key : sql.text.upper , description : it converts all the characters in a string to uppercase characters " "value"."upper " "signature"."[IPPER(\${text})" "parameters".[["name"."text" "column":true
	e}]} {"key": "sol text trim" "description": "It removes all specified characters either from the beginning
	or the ending of the string.
	","value":"trim","signature":"TRIM(\${text})","parameters":[{"name":"text","column":true}]},{"key":"s
	ql.text.ltrim","description":"It removes all space characters from the left-side of a
	string.","value":"ltrim","signature":"LTRIM(\${text})","parameters":[{"name":"text","column":true}]},
	{"key":"sql.text.locate","description":"The LOCATE function is used to search for a string within
	another string. If the desired string is found, LOCATE returns the index at which it is found. If the
	desired string is not found, LOCATE returns
	"true \ {"name": "tevt?" "column": true \] { "kev": "sal text substr" "description": "Displays the substring
	in a string from startPosition to the length of substring
	specified.","value":"substr","signature":"SUBSTR(\${string},\${startPosition},\${lengthOfString})","para
	meters":[{"name":"string","column":true},{"name":"startPosition","defaultValue":"1"},{"name":"lengt
	hOfString", "defaultValue": "3"}]}, {"key": "sql.text.concat", "description": "Helps in joining two
	string", "value": "concat", "signature": " (\${text1} \${text2})
	","parameters":[{"name":"text1","column":true},{"name":"text2","column":true}]}]},"functions":{"db.
	generic.aggregate.avg : avg , ub.generic.aggregate.count ". count", "db.generic.aggregate.distinct": "dist inct" "db.generic.aggregate.max". "max" "db.generic.aggregate.min". "min" "db.generic.aggregate.distinct": "dist
	"sum"."db.generic.groupBy.group":"group by"."db.generic.orderBy.order":"order by"}}
Description of	The response of the API is it returns the success status value as 1 if it fails
Description of	raturns 0 as the status with database Eurotions arrow having all database
Custometr	functions related to detabase driver
Output:	iuncuons related to database driver.
Service Status	200 OK

Screenshot	POST V http://192.168.2.156:8085/hi-ee//services Params	Send 🗸	Save	~
	Authorization Headers (1) Body Pre-request Script Tests		Cookies	Code
	● form-data ● x-www-form-urlencoded ● raw ● binary			
			Key-Value	a Edit
	type:adhoc service:geFunctions formData:{"classifier::"db.calcite","location":"1504078983622","metadataFileName":"b3ab922d-8c4c-4ea0-8b3c- 289104c8f553.metadata","metadataName":"HI_EE_BUGS","metadataDir":"HI_EE_DPD"} Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 57 ms Size: 6.34 KB			
	Pretty Raw Preview			Ū
	{"status":1,"response":{"databaseFunctions":{"date":{{"key":"sql.date.dayofmonth","description":"Displays day of the n 31).","value":"dayofmonth", "signature":"EXTRACT(DAY FROM \${date})","parameters":{{"name":"date","column":tru {"key":"sql.date.dayofyear","description":"Displays day of the year for a date (range: 1-366)", "value","dayofyear", "signat FROM \${date})","parameters":{{"name":"date","column":true}},{"key":"sql.date.month", "description":"Displays mont 12 (January-December), "value":"month", "signature":"EXTRACT(MONTH FROM \${datetime}))", "parameters": [{"name":"datetime", "column":true}],{"key":"sql.date.monthame", "description":"Displays fullname of the month (Jan December)", "value":"monthame","signature":"CASE EXTRACT(MONTH FROM \${datetime}))", "ithtitititititititititititititititititi	onth for a given d e}]}. ture":"EXTRACT 1 for the date with 1ary- then	ate (1- (DOY in range 1	

4.5.1.3 Generate table:

URL	visualizeAdhoc.html	
Description	It allows user to generate table report using adhoc report.	
	For creating table report we need to pass the adhoc data information, columns	
	info, visualize type etc. mentioned in HTTP Request Key-value section.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN , ROLE_USER	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html	
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hiadmin&adhocData={'location':'150755	
	4717873', 'metadataFileName': 'c1df0ca2-91ae-4ae0-99fe-	
	07bf158402be.metadata','metadataName':'TestMetadata','metadataDir':'New	
	Folder', 'columns': [{ 'column': 'HIUSER.EMPLOYEE_DETAILS.ADDRESS','	
	alias: EMPLOYEE_DETAILS_ADDRESS }, { column: HIUSER.EMPLOYE	
	e':[{'column':'HIUSER EMPLOYEE DETAILS AGE' 'function':'db generic a	
	ggregate.sum'.'alias':'sum AGE'}].'groupBv':[{'column':'EMPLOYEE DETA	
	ILS_ADDRESS', 'custom':true}]}, 'limitBy':10, 'prependTableNameToAlias':tr	

	ue,'sample':1000}&columns=[{'column':'EMPLOYEE_DETAILS.ADDRESS ','label':'EMPLOYEE_DETAILS_ADDRESS','id':'j1g1yewrex','type':{'dataTy pe':'text','backendDatatype':'java.lang.String'},'autogen_alias':'EMPLOYEE_ DETAILS_ADDRESS','groupBy':['db.generic.groupBy.group']},{'column':'E MPLOYEE_DETAILS.AGE','label':'EMPLOYEE_DETAILS_AGE','id':'dn2 82sq11id','type':{'dataType':'numeric','backendDatatype':'java.lang.Integer'},'a utogen_alias':'sum_AGE','aggregate':['db.generic.aggregate.sum']}]&viz_type =Table&settings={'script':null,'vizscriptsEditMultipleMode':false}&database =HIUSER&scripts=[]&customScripts=[]&styles=''&customStyles='''' http://192_168_2_156:8085/hi-ee/visualizeAdboc_htmlv	
HTTP Request	HTTP Request Value	Description
Key		
adhocData:	<pre>{"location":"1507554717873","metadataFileNa me":"c1df0ca2-91ae-4ae0-99fe- 07bf158402be.metadata","metadataName":"Test Metadata","metadataDir":"New Folder","columns":[{"column":"HIUSER.EMPL OYEE_DETAILS.ADDRESS","alias":"EMPLO YEE_DETAILS_ADDRESS",{"column":"HIU SER.EMPLOYEE_DETAILS.AGE","alias":"su m_AGE","aggregate":true}],"functions":{"aggre gate":[{"column":"HIUSER.EMPLOYEE_DET AILS.AGE","function":"db.generic.aggregate.su m","alias":"sum_AGE"}],"groupBy":[{"column" :"EMPLOYEE_DETAILS_ADDRESS","custom ":true}]},"limitBy":10,"prependTableNameToAl ias":true,"sample":1000}</pre>	adhocData is the passed data information related to metadata its name, location with used columns along with functions applied.
columns:	[{"column":"EMPLOYEE_DETAILS.ADDRES S","label":"EMPLOYEE_DETAILS_ADDRESS ","id":"j1g1yewrex","type":{"dataType":"text"," backendDatatype":"java.lang.String"},"autogen_ alias":"EMPLOYEE_DETAILS_ADDRESS","g roupBy":["db.generic.groupBy.group"]},{"colu mn":"EMPLOYEE_DETAILS.AGE","label":"E MPLOYEE_DETAILS_AGE","id":"dn282sq11i d","type":{"dataType":"numeric","backendDatat ype":"java.lang.Integer"},"autogen_alias":"sum_ AGE","aggregate":["db.generic.aggregate.sum"] }]	Columns contains all selected column information(name,dataType,alias,aggr egate functions applied etc.).
viz_type:	Table	Type of visualization
settings:	{"script":null,"vizscriptsEditMultipl eMode":false}	Settings related to applied scripts if any.
database:	HIUSER	Name of database used
scripts:	0	Applied scripts if any
customScripts:	[]	Applied Customscripts if any
styles:		Applied styles if any

customStyles:		Applied Customstyles if any		
Response Output(JSON Format)	The response we get from API is the	ne report html contents.		
Service Status	200 OK			
Screenshot	POST V http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html	Params Send V Save V		
	Authorization Headers (1) Body • Pre-request Script Tests	Cookies Code		
	◎ form-data ● x-www-form-urlencoded ◎ raw ◎ binary			
		Key-Value Edit		
	<pre>adhocData:("location":"150755472F873","metadataFileName":"cliffoc2-2sae-4ae0-99fe- 07f5158402be.metadata","metadataName":"TestMetadata","metadataDir:":New Folder","columns": [{"column":"HIUSER.EMPLOYEE_DETAILS.ABCP,"allas":"EMPLOYEE_DETAILS_ADDRESS"}, {"column":"HIUSER.EMPLOYEE_DETAILS.ABCP,"allas":"Sum_ABCP," aggregate:sum","allas":"Sum_ABCP],"groupBy": [{"column":"HIUSER.EMPLOYEE_DETAILS.ABCP,"function":"do.generic.aggregate.sum","allas":"Sum_ABCP],"groupBy": [{"column":"HIUSER.EMPLOYEE_DETAILS.ABCP,"function":"EMPLOYEE_DETAILS_ADDRESS","idi":"jloyPerpendTableNameToAllas":true,"sample":10000) columns:"EMPLOYEE_DETAILS.ABCPS," "load:""EMPLOYEE_DETAILS_ADDRESS", "idi":"jloyPerrex", Type": {"ddtaType":""EMPLOYEE_DETAILS.ABCP,""implements.aggregate.sum","idi":"JloyPerrex", Type": {"ddtaType",""text", "backendDataType":""java.lang.String"}, "autogen_allas":"EMPLOYEE_DETAILS_ADDRESS", "idi":"JloyPerrex", "idi":"JloyPerrex", "type": {"ddtaType",""text", "backendDataType":""java.lang.String"}, "autogen_allas":"EMPLOYEE_DETAILS_ADDRESS", "idi":"JloyPerrex", "idi":"JloyPerrex", "type": {"ddtaType":""text", "backendDataType":"java.lang.Itrige", "autogen_allas":"EMPLOYEE_DETAILS_ADDRESS", "idi":"JloyPerrex", "idi":"JloyPerrex", "idi":"JloyPerrex", "type": {"ddtaType":""text", "backendDataType":"java.lang.Itrige", "autogen_allas":"EMPLOYEE_DETAILS_ACBC", "idi":"JloyPerrex", "idi":"JloyPerrex", "idi"; "JloyPerrex", "idi"; "Idi", "idi"; "EMPLOYEE_DETAILS_ACBC, "idi"; "Idi", "idi"; "EMPLOYEE_DETAILS_ADRESS", "idi"; "JloyPerrex", "idi"; "JloyPerrex", "idi"; "Idi", "idi"; "EMPLOYEE_DETAILS_ACBC, "idi"; "Idi", "Idi", "idi"; "Idi", "idi"; "Idi", "idi", "idi"; "Idi", "idi"; "Idi", "idi", "idi"; "Idi", "idi"; "Idi", "idi"; "Idi", "idi", "idi"; "Idi", "idi", "idi"; "Idi", "idi"; "Idi", "idi"; "Idi"; "Idi", "idi"; "Idi",</pre>			
	Body Cookies (5) Headers (8) Tests	Status: 200 OK Time: 85 ms Size: 22.59 KB		
	Pretty Raw Preview	Ti li		
	<pre>chtml class="hi-visulize-adhoc"></pre>	8.2.156:8085/h1-ee/images/favicon.ico"/> 2.168.2.156:8085/h1-ee/css/styles.css" /> 2.168.2.156:8085/h1-ee/css/fonts.css" /> 32.168.2.156:8085/h1-ee/fonts/questrial/questrial.css"/> 2.168.2.156:8085/h1-ee/css/newwindow.css"/>		

4.5.1.4 Refresh table/Change show entries/Change Report filter/Next-Prev page

URL	services?type=adhoc&serviceType=report&service=fetchData	
Description	It allows user to refresh / change show entries or change report filter or next	
	prev operation on generated table.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	POST,GET	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi- ee/services?type=adhoc&serviceType=report&service=fetchData	

	Access through Curl command :		
	auri data		
	curldata "j_username=hiadmin&j_password=hiadmin¤t=2&rowCount=25&sea rchPhrase=&type=adhoc&serviceType=report&service=fetchData&formData ={'location':'1463377807724/1463377836985','metadataFileName':'e9be6771 -995b-40eb-a01c-304857a100a1.metadata','metadataName':'Sample Travel MD','metadataDir':'HI Sample Reports/Adhoc Metadata','columns':[{'column':'HIUSER.EMPLOYEE_DETAILS.EMPLOY EE_NAME','alias':'EMPLOYEE_DETAILS_EMPLOYEE_NAME'}],'functio ns':{'groupBy':[{'column':'EMPLOYEE_DETAILS_EMPLOYEE_NAME'}],'functio ns':{'groupBy':[{'column':'EMPLOYEE_DETAILS_EMPLOYEE_NAME'}],'functio ns':true}]},'limitBy':25,'prependTableNameToAlias':true,'sample':1000,'se		
HTTP Request	HTTP Request Value	Description	
Kev	III II Acquest value	Description	
1103		Current page denotes the number of	
current:	2	the current page	
rowCount:		rowCount is the total number of rows	
	25	which you want to generate for.	
searchPhrase:		searchPhrase if any	
formData:	{"location":"1463377807724/1463377836985"," metadataFileName":"e9be6771-995b-40eb-a01c- 304857a100a1.metadata","metadataName":"Sam ple Travel MD","metadataDir":"HI Sample Reports/Adhoc Metadata","columns":[{"column":"HIUSER.EM PLOYEE_DETAILS.EMPLOYEE_NAME","ali as":"EMPLOYEE_DETAILS_EMPLOYEE_NA ME"}],"functions":{"groupBy":[{"column":"EM PLOYEE_DETAILS_EMPLOYEE_NAME","cu stom":true}]},"limitBy":25,"prependTableName ToAlias":true,"sample":1000,"searchPhrase":""," offset":25}	formData contains the metadata info like location,filename and the report columns etc.	
Response	{"status":1,"response":{"data":[{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Jonathan		
Output(JSON Format)	Hallinan"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Eddie Machaalani"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Ned Dwyer"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alvin Singh"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Cliff Obrecht"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Shaon Diwakar"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Shaon Diwakar"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Ruslan Kogan"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Ruslan Kogan"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Jack Delosa"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Cameron Adams"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Jeremy Levitt"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Michael Fox"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Michael Fox"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Machael Fox"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Mark Harbottle"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Mark Harbottle"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Mark McDonald"} {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Mark McDonald"} {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Mark McDonald"} {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Mark		

Description of	Barouch"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Josiah Humphreys"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Stuart Cook"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Ned Moorefield"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Daniel Friedman"}],"metadata":[{"1":{"name":"EMPLOYEE_DETAILS_EMPLOYEE_NAME","t ype":"text"}},{"rows":24}]},"lastModified":1509426687000} The response of the APL isit returns the success status value as 1_if it fails	
Response	returns 0 as the status with data array having all retrieved rows of the table	
Output:	and the metadata array with type of column name with rows count . Lastmodified date.	
Service Status	200 OK	
Screenshot	POST V http://192.168.2.156:8085/hi-ee/services?type=adhoc&serviceType=report&service=fetchData Params Send V Save V	
	Authorization Headers (1) Body Pre-request Script Tests Cookies Code	
	form-data • x-www-form-urlencoded • raw • binary	
	Key-Value Edit	
	CUFFeht:2 rowCount:25 searchPhrase: formData:("location":"1463377807724/1463377836985","metadataFileName":"e9be6771-995b-40eb-a01c- 304857a100a1.metadata","metadataName":"Sample Travel MD","metadataDir":"HI Sample Reports/Adhoc Metadata","columns": [{"column":"HIDSER.EMPLOYEE_DETAILS.EMPLOYEE_NAME","alias":"EMPLOYEE_DETAILS_EMPLOYEE_NAME"}],"functions":{"groupBy": [{"column":"HIDSER.EMPLOYEE_DETAILS_EMPLOYEE_NAME","custom":true}]},"limitBy":25,"prependTableNameToAlias":true,"sample":1000,"searchPhrase":""," offset":25}	
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 87 ms Size: 1.64 KB	
	Pretty Row Preview HTML Image: Comparison of the status of the st	

4.5.1.5 Generate CrossTab:

URL	visualizeAdhoc.html	
Description	It allows user to generate cross tab report using adhoc report.	
	For creating cross tab report we need to pass the adhoc data	
	information, columns info, visualize type etc. mentioned in HTTP Request	
	Key-value section.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	POST	
Method		
Example	Access through browser :	

	http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html		
	Access through Curl command :		
	Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&adhocData={'location':'150755471787 3','metadataFileName':'84b8f397-b66c-4b7e-b19e- 88bbf2049500.metadata','metadataName':'TestMetadata','metadataDir':New Folder','columns':[{'column':HIUSER.EMPLOYEE_DETAILS.ADDRESS','alias':'E MPLOYEE_DETAILS_ADDRESS'},{'column':HIUSER.EMPLOYEE_DETAILS. AGE','alias':sum_AGE','aggregate':true}],'functions':{'aggregate':[{'column':HIUSE R.EMPLOYEE_DETAILS.AGE','function':'db.generic.aggregate.sum','alias':sum_A GE'}],'groupBy':[{'column':EMPLOYEE_DETAILS_ADDRESS','custom':true}]},'li mitBy':1000,'prependTableNameToAlias':true}&columns=[{'column':EMPLOYEE_ DETAILS.ADDRESS',label':EMPLOYEE_DETAILS_ADDRESS','id':'ti9al8rzdgn' ,'type':{'dataType':text','backendDatatype':'java.lang.String'},'autogen_alias':'EMPL OYEE_DETAILS_ADDRESS','groupBy':['db.generic.groupBy.group'],{'column':'E MPLOYEE_DETAILS.AGE','label':'EMPLOYEE_DETAILS_AGE','id':'m1v1obtcx f,'type':{'dataType':'numeric','backendDatatype':'java.lang.Integer'},'autogen_alias':'s um_AGE','aggregate':['db.generic.aggregate.sum']]}&viz_type=CrossTab&settings= {"script":null,"vizscriptsEditMultipleMode":false,"crossTabRows":[{"column':'EMPLOYEE_DETAILS.AGE","label':'EMPLOYEE_DETAILS_AGE","id':'m1v1obtcx cxf","type':{'dataType":'numeric","backendDatatype":'java.lang.Integer"},"autogen_alias':'s um_AGE','aggregate':['db.generic.aggregate.sum']}],"crossTabCols":[{ "column":"EMPLOYEE_DETAILS.AGE","label":"EMPLOYEE_DETAILS_AGE","id':'m1v1obt cxf","type":{'dataType":'numeric","backendDatatype":'java.lang.Integer"},"autogen_alias':'s um_AGE', 'aggregate':['db.generic.aggregate.sum']}],"crossTabCols":[{ "column":"EMPLOYEE_DETAILS.ADDRESS","label":"EMPLOYEE_DETAILS_ADDRESS","autogen_nalias":"sum_AGE","aggregate':['db.generic.aggregate.sum']}],"crossTabCols":[{ "column":"EMPLOYEE_DETAILS.ADDRESS","label":"EMPLOYEE_DETAILS_ADDRESS","autogen_nalias':"sum_AGE","aggregate':['db.generic.aggregate.sum']}],"crossTabCols":[{ "column":"EMPLOYE		
HTTP Request	HTTP Request Value Description		
Key			
adhocData:	<pre>{ iocation : iou/554/1/8/5 , 'metadataFileNa me":"84b8f397-b66c-4b7e-b19e- 88bbf2049500.metadata", "metadataName":"Test Metadata", "metadataDir":"New Folder", "columns":[{"column":"HIUSER.EMPL OYEE_DETAILS.ADDRESS", "alias":"EMPLO YEE_DETAILS_ADDRESS"}, {"column":"HIU SER.EMPLOYEE_DETAILS.AGE", "alias":"su m_AGE", "aggregate":true}], "functions":{"aggre gate":[{"column":"HIUSER.EMPLOYEE_DET AILS.AGE", "function":"db.generic.aggregate.su m", "alias":"sum_AGE"}], "groupBy":[{"column" :"EMPLOYEE_DETAILS_ADDRESS", "custom ":true}]], "limitBy":1000, "prependTableNameTo Alias":true}</pre>	adhocData is the passed data information related to metadata its name, location with used columns along with functions applied.	
columns:	[{"column":"EMPLOYEE_DETAILS.ADDRES S", "label":"EMPLOYEE_DETAILS_ADDRESS ", "id":"ti9al8rzdgn", "type": {"dataType":"text", "b ackendDatatype":"java.lang.String" }, "autogen_a lias":"EMPLOYEE_DETAILS_ADDRESS", "gr oupBy":["db.generic.groupBy.group"]}, {"colum n":"EMPLOYEE_DETAILS.AGE", "label":"EM PLOYEE_DETAILS_AGE", "id":"m1v1obtcxf", "type": {"dataType":"numeric", "backendDatatyp	Columns contains all selected column information(name,dataType,alias,aggr egate functions applied etc.).	

	e":"java.lang.Integer"},"autogen_alias":"sum_A GE","aggregate":["db.generic.aggregate.sum"]}]		
viz_type:	CrossTab	Type of visualization	
settings:	{"script":null,"vizscriptsEditMultipleMode":fals e,"crossTabRows":[{"column":"EMPLOYEE_D ETAILS.AGE","label":"EMPLOYEE_DETAIL S_AGE","id":"m1v1obtcxf","type":{"dataType": "numeric","backendDatatype":"java.lang.Integer "},"autogen_alias":"sum_AGE","aggregate":["db .generic.aggregate.sum"]}],"crossTabCols":[{"co lumn":"EMPLOYEE_DETAILS.ADDRESS","la bel":"EMPLOYEE_DETAILS_ADDRESS","id" :"ti9al8rzdgn","type":{"dataType":"text","backe ndDatatype":"java.lang.String"},"autogen_alias": "EMPLOYEE_DETAILS_ADDRESS","groupB y":["db.generic.groupBy.group"]}],"crossTabVal s":[]}	Settings related to applied scripts if any.	
database:	HIUSER	Name of database used	
scripts:	0	Applied scripts if any	
customScripts:	[]	Applied Customscripts if any	
styles:		Applied styles if any	
customStyles:	c (5)	Applied Customstyles if any	
Response Output(JSON Format)	The response we get from API is the r	eport html contents.	
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html Authorization Headers (1) Body • Pre-request Script Tests form-data x-www-form-urlencoded raw binary adhocData: {"location": "1507554717873", "metadataFileName": "84b8f397- adhocData: {"location": "1507554717873", "metadataFileName": "84b8f397- Mathematical Script Mathematical Script Tests Authorization Authorization<	Params Send V Save V Cookies Code Key-Value Edit b66c-4b7e-b19e-	
	B8bbT2049500.metadata", "metadataName": "TestMetadata", "metadataDir": "New Folder", "columns": [{"column": "HTUSER.EMPLOYEE_DETAILS.AGE", "alias": "SWM_COYE_DETAILS_ADDRESS"}. {"column": "HTUSER.EMPLOYEE_DETAILS.AGE", "alias": "SWM_COYE_DETAILS_ADDRESS"}. [{"column": "HTUSER.EMPLOYEE_DETAILS.AGE", "function": "db.generic.aggregates.sum", "alias": "Swm_AGE"]."groupBy": [{"column": "EMPLOYEE_DETAILS.AGE", "function": "db.generic.aggregates.sum", "alias": "Swm_AGE"]." [{"column": "EMPLOYEE_DETAILS.ADDRESS", "custom": true}]}." [{"column": "EMPLOYEE_DETAILS.ADDRESS", "custom": true}]}." [{"datarype": "true", "backendbatatype": "gava.lang.String", "autogen_alias": "EMPLOYEE_DETAILS.ADDRESS", "groupBy": ["db.generic.groupBy.group"]}." ["db.generic.groupBy.group"]}." ["db.generic.groupBy.group"]}." ["db.generic.groupBy.group"]." ["db.generic.groupBy.group"]}." ["db.generic.groupBy.group"]}." ["db.generic.groupBy.group"]}." ["db.generic.groupBy.group"]." ["db.generic.groupBy.group"]." ["db.generic.groupBy.group"]."		
	Body Cookies (5) Headers (8) Tests	Status: 200 OK Time: 53 ms Size: 24.13 Kb	
	Pretty Raw Preview <pre></pre>	4_ 66:8085/hi-ee/images/favicon.ico"/> 2.156:8085/hi-ee/css/styles.css" /> 2.156:8085/hi-ee/css/inots.css" /> 2.156:8085/hi-ee/css/questrial/questrial.css"/> 2.156:8085/hi-ee/css/newwindow.css"/>	

4.5.1.6 Generate Charts:

URL	visualizeAdhoc.html	
Description	It allows user to generate chart report using adhoc report.	
	For creating chart report we need to pa	ass the adhoc data information, columns
	info, visualize type etc. mentioned in I	HTTP Request Key-value section.
	Note : While generating charts there as	re different types of charts having
	different chart groups to know the gro	up of chart refer
	chartTypes.txt	
D		
Pre-requisite	User should have logged in before acc	essing the service. [Refer login module]
	If the user is not logged in then you will g	et login page.
Accessible for	ROLE_ADMIN , ROLE_USER	
HTTP Request	POST,GET	
Method		
Example		
	Access through browser :	
	http://192.168.2.156:8085/hi-ee/visuali	zeAdhoc.html
	1	
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hiadu	nin&adhocData={'location':'150755471787
	3','metadataFileName':'84b8f397-b66c-4b	7e-b19e-
	88bbf2049500.metadata', 'metadataName':	'TestMetadata', 'metadataDir': 'New
	Folder', 'columns': [{ 'column': 'HIUSER.EN	1PLOYEE_DETAILS.ADDRESS', alias':'E
	AGE', 'alias': 'sum_AGE', 'aggregate': true]], 'functions': {'aggregate': [{ 'column': 'HIUSE	
	R.EMPLOYEE_DETAILS.AGE', 'function	n':'db.generic.aggregate.sum','alias':'sum_A
	GE'}],'groupBy':[{'column':'EMPLOYEE	_DETAILS_ADDRESS','custom':true}]},'li
	DETAILS ADDRESS' 'label'''FMPLOYE	True { & columns=[{ column : EMPLOYEE_ F_DFTAILS_ADDRESS' 'id''5opai2mzo1
	x','type':{'dataType':'text','backendDatatyp	be':'java.lang.String'},'autogen_alias':'EMP
	LOYEE_DETAILS_ADDRESS', 'groupBy	v':['db.generic.groupBy.group']},{'column':'
	EMPLOYEE_DETAILS.AGE', 'label': 'EM	PLOYEE_DETAILS_AGE','id':'5qood916
	'sum AGE'.'aggregate': ['db.generic aggregate': ['db.generic aggregate'	atatype: java.lang.integer }, autogen_allas: pate.sum']}]&viz_type=Charts&settings={'
	script':null, 'vizscriptsEditMultipleMode':f	alse, 'type': 'AreaChart', 'vizType': 'Charts', 'ch
	artGroup':'c3Axis'}&scripts=[]&customSe	cripts=[]&styles="&customStyles=""
	http://192.168.2.156:8085/hi-ee/visualize/	Adhoc.html -v
HIIP Request	HIIP Kequest value	Description
Кеу		

adhocData:	{"location":"1507554717873","metadataFileNa me":"84b8f397-b66c-4b7e-b19e- 88bbf2049500.metadata","metadataName":"Test Metadata","metadataDir":"New Folder","columns":[{"column":"HIUSER.EMPL OYEE_DETAILS.ADDRESS","alias":"EMPLO YEE_DETAILS_ADDRESS",{"column":"HIU SER.EMPLOYEE_DETAILS.AGE","alias":"su m_AGE","aggregate":true}],"functions":{"aggre gate":[{"column":"HIUSER.EMPLOYEE_DET AILS.AGE","function":"db.generic.aggregate.su m","alias":"sum_AGE"}],"groupBy":[{"column" :"EMPLOYEE_DETAILS_ADDRESS","custom ":true}]],"limitBy":1000,"prependTableNameTo Alias":true}	adhocData is the passed data information related to metadata its name, location with used columns along with functions applied.	
columns:	[{"column":"EMPLOYEE_DETAILS.ADDRES S", "label":"EMPLOYEE_DETAILS_ADDRESS ", "id":"5opaj2mzo1x", "type":{"dataType":"text", "backendDatatype":"java.lang.String"}, "autogen _alias":"EMPLOYEE_DETAILS_ADDRESS"," groupBy":["db.generic.groupBy.group"]},{"colu mn":"EMPLOYEE_DETAILS_AGE", "label":"E MPLOYEE_DETAILS_AGE", "id":"5qood916h 9", "type":{"dataType":"numeric", "backendDatat ype":"java.lang.Integer"}, "autogen_alias":"sum_ AGE", "aggregate":["db.generic.aggregate.sum"] }]	Columns contains all selected column information(name,dataType,alias,aggr egate functions applied etc.).	
viz_type:	Charts	Type of visualization	
settings:	{"script":null,"vizscriptsEditMultipl eMode":false,"type":"AreaChart","vi zType":"Charts","chartGroup":"c3A xis"}	Settings related to applied scripts and the chart type with group of chart. vizType is the type of visualization. <i>Note: As we used AreaChart which I</i> <i>shaving chartGroup as c3Axis , same</i> <i>like that if you select another type of</i> <i>chart accordingly chartGroup will get</i> <i>change.to know the chartgroup of</i> <i>chart Refer document <u>chartType</u></i>	
database:	HIUSER	Name of database used	
scripts:	[]	Applied scripts if any	
customScripts:	0	Applied Customscripts if any	
styles:		Applied styles if any	
customStyles:	· · · · · ·	Applied Customstyles if any	
Response Output(JSON Format)	The response we get from API is the report html contents.		
Service Status	200 OK		

POST V http://192.168.2.156:8085/hi-ee/visualizeAdh	ic,html	Params	Send 🛛 🗠	Save	~
uthorization Headers (1) Body • Pre-request Script	Tests			Cookies	Code
🛛 form-data 🛛 e x-www-form-urlencoded 🔍 raw 🖉 binar	У				
				Key-Value	e Edit
<pre>hocbata:{"location":"1507554717673","metadataFileNa bbf2e49500.metadata","metadataName":"mestwatadata", "columm":"HIUSER.EMPLOYEE_DETAILS.ADDRESS","alias": "columm":"HIUSER.EMPLOYEE_DETAILS.AGE","alias":"sum "column":"HIUSER.EMPLOYEE_DETAILS.AGE","function":" "column":"EMPLOYEE_DETAILS.AGE","function":" "column":"EMPLOYEE_DETAILS.ADDRESS", "custom":true)] lumns:["column":"EMPLOYEE_DETAILS.ADDRESS","alael" dataType":"text", "backendDatatype":"java.lang.Strin do.generic.groupDy.group"],"column":"EMPLOYEE_DET dataType":"numeric", "backendDatatype":"java.lang.In z type:charts</pre>	ne":"64D67397-b66c-4078-b198- metadatabi":"New Folder","columns": 'EMPLOYEE_DETAILS_ADDRESS"}, deE"."aggregate":true)],"functions":{"aggregate' b.generic.aggregate.sum", "alias":"sum_AGE"}],"G '"BMPLOYEE_DETAILS_ADDRESS","id":"Sopaj2mzOX", "BMPLOYEE_DETAILS_ADDRESS","id":"Sopaj2mzOX", "ILS_AGE","Iabel":"EMPLOYEE_DETAILS_AGE","id":" reger"},"autogen_alias":"sum_AGE","aggregate":['	': roupBy": } type": 'groupBy": Sqood916h9","ty 'db.generic.agg	pe": regate.sum"	1}1	
ody Cookies (5) Headers (8) Tests		Status: 200 OK	Time: 71 ms	Size: 22	8 KB
Pretty Raw Preview					Ē
<pre>html class="hi-visulize-adhoc"> html class="hi-visulize-adhoc"> ttille> 'Link rel="icon" type="image/x-icon" href="http: 'Link data-clone="true" rel="stylesheet" href="r 'Link data-clone="true" rel="stylesheet" href="' 'Link data-clone="true" rel="stylesheet" href="true" rel="stylesheet" href="' 'Link data-clone="true" rel="stylesheet" href="' 'Link data-clone="tru</pre>	//192.168.2.156:8085/h1-ee/images/favicon.ico"/ ttp://192.168.2.156:8085/h1-ee/css/styles.css" ttp://192.168.2.156:8085/h1-ee/css/fonts.css" / ttp://192.168.2.156:8085/h1-ee/css/c5.css" /> ttp://192.168.2.156:8085/h1-ee/css/newwindow.cs	> /> > /questrial.css' s"/>	1/>		
Ai () () () () () () () () () () () () ()	Authorization Headers (1) Body Pre-request Script form-data x-www-form-urlencoded raw binar dhocData: {"location": "IS07554717873", "metadataFileNar dhocData: {"location": "IS07554717873", "metadataFileNar ("column": "HIUSER.EMPLOYEE_DETAILS.ADDRESS", "alias": "column": "HIUSER.EMPLOYEE_DETAILS.ADRESS", "alias": "sum / ("column": "HIUSER.EMPLOYEE_DETAILS.ADRESS", "function": " ("column": "HUSER.EMPLOYEE_DETAILS.ADRESS", "alias": "sum / ("column": "HUSER.EMPLOYEE_DETAILS.ADRESS", "alias": "sum / ("column": "EMPLOYEE_DETAILS.ADRESS", "alias": "sum / "dataType": "text", "backendDatatype": "java.lang.Strin "dd.generic.groupBy.group"]}, ("column": "EMPLOYEE_DETX 'dataType": "java.lang.Strin "dd.generic.groupBy.group"]}, ("column": "EMPLOYEE_DETX "dataType": "java.lang.Strin "dataType": "java.lang.Strin "da	Authorization Headers (1) Body Pre-request Script Tests form-data x-www-form-urlencoded raw binary ddhocData: {"location": "1507554717873", "metadataFileName": "84b8f397-b66c-4b7e-b19e- i8bbf2049500.metadata", "metadataName": "TestMetadata", "metadataDir": "New Folder", "columns": ("column": "HUSER. EMPLOYEE_DETAILS.ADDRESS", "allas": "EMPLOYEE_DETAILS.ADDRESS"), " "column": "INUSER. EMPLOYEE_DETAILS.ADDRESS", "ulas": "EMPLOYEE_DETAILS.ADDRESS", "allas": "Sum AGE", "algoregate", "a	Authorization Headers (1) Body Pre-request Script Tests form-data fo	Authorization Headers (1) Body Pre-request Script Tests form-data x-www-form-urlencoded raw binary ddhocData: {"location": "IS07554717873", "metadataFileName": "84b8f397-b66c-4b7e-b19e-	Authorization Headers (1) Body Pre-request Script Tests Cookies form-data * x-www-form-urlencoded raw binary Key-Value dhocData: {"location": "1507554717873", "metadataFileName": "84b87397-b66c-4b7e-b19e- is8b872049506.metadata", "metadataName": "TestMetadata", "metadataD1r": "New Folder", "columns": {"Column": "HIUSER.EMPLOYEE_DETAILS.ADDRESS", "allas": "EMPLOYEE_DETAILS.ADDRESS", " {"column": "HIUSER.EMPLOYEE_DETAILS.ADDRESS", "functions": "aggregate": {"Column": "HIUSER.EMPLOYEE_DETAILS.ADDRESS", "functions": "aggregate": {"Column": "HIUSER.EMPLOYEE_DETAILS.ADDRESS", "allas": "Sum_AGE", "algas": "EMPLOYEE_DETAILS.ADDRESS", " f"column": "HUSER.EMPLOYEE_DETAILS.ADDRESS", "algoregate": {"Column": "HUSER.EMPLOYEE_DETAILS.ADDRESS", "algoregate": {"dataType": "isexi", adackendDatatype": "java.lang.String"), "autogen_alias": "EMPLOYEE_DETAILS.AGER", "algoregate": {"dataType": "imumeric", "backendDatatype": "java.lang.Integer", "autogen_alias": "Sum_AGE", "aggregate": {"dataType": "imumeric", "backendDatatype": "gregeater: "conne="true" rel="stylesheet" href="http://192.168.2.156:8085/hi-ee/css/falles/css"/> *ink data-clone="true" rel="stylesheet" href="http://192.168.2.156:8085/hi-ee/css/falles.css" /> *ink data-clone="true" rel="stylesheet" href

4.5.1.7 Generate VF Report:

4.5.1.7.1 SELECT VF REPORT:

URL	/services	
Description	It allows user to select the VF file for VF report creation.	
	Requires the .vf file name and directory location.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN , ROLE_USER	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report&ser vice=visualize&formData={'vf':{'vf_file':'sample_report.efwvf','vf_id':1,'dir':'146337 7807724/1463377978248/Sample EFW Report','path':'/HI Sample Reports/EFW Reports/Sample EFW Report/sample_report.efwvf/pie chart (1)'}" http://192.168.2.156:8085/hi-ee/services -v	

HTTP Request	HTTP Request Value	Description
Key		
type:	adhoc	Type of module
serviceType:	report	serviceType as report
service:	visualize	service as visualize
formData:	{"vf":{"vf_file":"sample_report.efw vf","vf_id":1,"dir":"1463377807724/ 1463377978248/Sample EFW Report","_path":"/HI Sample Reports/EFW Reports/Sample EFW Report/sample_report.efwvf/pie chart (1)"}}	formData contains vf details like vf file name, vf id, directoy of vf file and the path of file.
Response Output(JSON Format)		
Description of	The response of the API is, it returns	the success status value as 1 if it fails
Output :	returns o as the status with script function.	
Service Status	200 OK	

Screenshot	POST V http://192.168.2.156:8085/hi-ee///services	Params	Send ~	Save	~
	Authorization Headers (1) Body Pre-request Script Tests			Cookies	Code
	I form-data ● x-www-form-urlencoded ● raw ● binary				
				Key-Value	e Edit
	serviceType:report service:visualize formData:{"vf":{"vf_file":"sample_report.efwvf","vf_id":1,"dir":"1463377807724/1463377978248/ Reports/EFW Reports/Sample EFW Report/sample_report.efwvf/pie chart (1)"}}	Sample EFW Report","_	_path":"/HI	Sample	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 25 ms	Size: 1.2	7 KB
	Pretty Raw Preview				Ū
	$ \{"status": 1, "response": \{"script": "(function(data, chartElement) \\ \{n \ n \ t \ t' \ t' \ t' \ t' \ t' \ t' $	#chart_1').html(\"			
	No Data To Display /h2 /div /");\n } else {\n/t/t/t/t/t/tvar arra < data.length; i++) {\n/t/t/t/t/tvar array2=[];\t/n/t/t/t/t/t/t/t/t/t/t/t/t/t/t/t/t/t/t	y1=[];\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\	t\tfor (va in data[rray1[i]	ar i = (i]) =); i

4.5.1.7.2 GENERATE VF REPORT:

visualizeAdhoc.html	
It allows user to generate adhoc report using VF report file.	
For creating chart report we need to pass the adhoc data information, columns	
info, visualize type etc. mentioned in HTTP Request Key-value section.	
User should have logged in before accessing the service. [Refer login module]	
If the user is not logged in then you will get login page	
ROLE ADMIN ROLE USER	
POSI,GEI	
Access through browser :	
http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html	
Access through Curl command :	
curldata	
"j_username=hiadmin&j_password=hiadmin&adhocData={'location':'150755471787	
3', 'metadataFileName': '84b8f397-b66c-4b7e-b19e-	
88bbf2049500.metadata', 'metadataName': 'TestMetadata', 'metadataDir': 'New	
Folder, columns : [{ column : HIUSER.EMPLOYEE_DETAILS.ADDRESS, allas : E MPLOYEE DETAILS ADDRESS'} / column': 'HIUSER EMPLOYEE DETAILS	
AGE' 'alias' 'sum AGE' 'aggregate': true}] 'functions': {'aggregate': [{'column': 'HIIISE	
REMPLOYEE DETAILS AGE. 'function':'db.generic.aggregate sum' 'alias'.'sum A	
GE'}],'groupBy':[{'column':'EMPLOYEE_DETAILS_ADDRESS','custom':true}]},'li	

	$ \begin{array}{ll} mitBy::1000, \mbox{'prependTableNameToAlias':true} & columns=[{'column':'EMPLOYEE_DETAILS.ADDRESS', \mbox{'label':'EMPLOYEE_DETAILS_ADDRESS', \mbox{'id':'3nq1q5rf49} \\ q', \mbox{'type':'{'dataType':'text', \mbox{'backendDatatype':'java.lang.String'}, \mbox{'autogen_alias':'EMP} \\ LOYEE_DETAILS_ADDRESS', \mbox{'groupBy':['db.generic.groupBy.group']}, \mbox{'column':'} \\ EMPLOYEE_DETAILS_AGE', \mbox{'label':'EMPLOYEE_DETAILS_AGE', \mbox{'id':'fjqo1u0t3} \\ gd', \mbox{'type':'{'dataType':'numeric', \mbox{'backendDatatype':'java.lang.Integer'}, \mbox{'autogen_alias':} \\ \mbox{'sum_AGE', \mbox{'aggregate':['db.generic.aggregate.sum']}] \mbox{'sum_AGE', \mbox{'aggregate':['db.generic.aggregate.sum']}] \mbox{'sumple_report.efwvf', \mbox{'vf_id':'1463377807724/1463377978248/Sample} \\ \\ EFW Report, \mbox{'path':'/HI Sample Reports/EFW Reports/Sample EFW} \\ Report/sample_report.efwvf/pie chart (1)', 'script':'(function(data, chartElement){\n \n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t$		
	in data[i]) $ \{tn(t)t(t)t(t)t(t)t(t)t(t)t(t)t(t)t(t)t(t$		
HTTP Request	HTTP Request Value	Description	
Key	{"location":"1507554717873","metadataFileNa		
adhocData:	nie : 34081597-b060c-407e-019e- 88bbf2049500.metadata", "metadataName": "Test Metadata", "metadataDir": "New Folder", "columns": [{"column": "HIUSER.EMPL OYEE_DETAILS.ADDRESS", "alias": "EMPLO YEE_DETAILS_ADDRESS" }, {"column": "HIU SER.EMPLOYEE_DETAILS.AGE", "alias": "su m_AGE", "aggregate": true }], "functions": {"aggre gate": [{"column": "HIUSER.EMPLOYEE_DET AILS.AGE", "function": "db.generic.aggregate.su m", "alias": "sum_AGE" }], "groupBy": [{"column" : "EMPLOYEE_DETAILS_ADDRESS", "custom ": true }], "limitBy": 1000, "prependTableNameTo Alias": true }	adhocData is the passed data information related to metadata its name, location with used columns along with functions applied.	
adhocData: columns:	Ine : 34081997-b000-407e-019e- 88bbf2049500.metadata", "metadataName": "Test Metadata", "metadataDir": "New Folder", "columns": [{ "column": "HIUSER.EMPL OYEE_DETAILS_ADDRESS", "alias": "EMPLO YEE_DETAILS_ADDRESS", { "column": "HIU SER.EMPLOYEE_DETAILS.AGE", "alias": "su m_AGE", "aggregate": true }], "functions": { "aggre gate": [{ "column": "HIUSER.EMPLOYEE_DET AILS.AGE", "function": "db.generic.aggregate.su m", "alias": "sum_AGE" }], "groupBy": [{ "column" : "EMPLOYEE_DETAILS_ADDRESS", "custom ":true }]}, "limitBy": 1000, "prependTableNameTo Alias": true } [{ "column": "EMPLOYEE_DETAILS_ADDRESS ", "label": "EMPLOYEE_DETAILS_ADDRESS ", "id": "3nq1q5rf49q", "type": { "dataType": "text", "backendDatatype": "java.lang.String" }, "autogen _alias": "EMPLOYEE_DETAILS_ADDRESS", " groupBy": ["db.generic.groupBy.group"] }, { "colu mn": "EMPLOYEE_DETAILS_AGE", "label": "E MPLOYEE_DETAILS_AGE", "label": "E MPLOYEE_DETAILS_AGE", "id": "fjq01u0t3gd ", "type": { "dataType": "numeric", "backendDataty pe": "java.lang.Integer" }, "autogen_alias": "sum_A GE", "aggregate": ["db.generic.aggregate.sum"]}]	adhocData is the passed data information related to metadata its name , location with used columns along with functions applied. Columns contains all selected column information(name,dataType,alias,aggr egate functions applied etc.).	

settings:	$ \{ "vf_file":"sample_report.efwvf", "vf_id":1, "dir": "1463377807724/1463377978248/Sample EFW Report", "path":"/HI Sample Reports/EFW Report/sample_report.efwvf/pie chart (1)", "script":"(function(data, chartElement) {\n \n\t\t\t\t\t\t\times f(data.length == 0) {\n $("#chart_1).html(\"No Data To Display\");\n } else {\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\$	Settings related to vf file and related details .vizType is the type of visualization.
database:	HIUSER	Name of database used
scripts:	0	Applied scripts if any
customScripts:	0	Applied Customscripts if any
styles:	· · · · · ·	Applied styles if any
customStyles:	cc37	Applied Customstyles if any
Response Output(JSON Format)	The response we get from API is the report html contents.	
Service Status	200 OK	



4.5.1.8 Fetch Adhoc Report Data:

Note : To get any type of report(table,chart,crossTab,VF etc) data we need to use this API. According to requirement formData will get change which is nothing but the filename,location,columns,aggregate functions,groupBy,limit etc.

URL	services	
Description	It allows user to get the any type of adhoc report data.	
	Note : Here we are taking example to get VF report data.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN , ROLE_USER	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/services	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report&ser vice=fetchData&formData={'location':'1507554717873','metadataFileName':'84b8f3 97-b66c-4b7e-b19e- 88bbf2049500.metadata','metadataName':'TestMetadata','metadataDir':'New Folder','columns':[{'column':'HIUSER.EMPLOYEE_DETAILS.ADDRESS','alias':'E	

	MPLOYEE_DETAILS_ADDRESS'},{'column':'HIUSER.EMPLOYEE_DETAILS. AGE','alias':'sum_AGE','aggregate':true}],'functions':{'aggregate':[{'column':'HIUSE R.EMPLOYEE_DETAILS.AGE','function':'db.generic.aggregate.sum','alias':'sum_A GE'}],'groupBy':[{'column':'EMPLOYEE_DETAILS_ADDRESS','custom':true}]},'li mitBy':1000,'prependTableNameToAlias':true,'refresh':true}" http://192.168.2.156:8085/hi-ee/services -v	
HTTP Request	HTTP Request Value	Description
	adhaa	Type of module
type:	adnoc	Type of module
service I ype:	report	serviceType as report
service:	fetchData	service as fetchData
formData:	{"location":"1507554717873","metadat aFileName":"84b8f397-b66c-4b7e- b19e- 88bbf2049500.metadata","metadataNa me":"TestMetadata","metadataDir":"Ne W Folder","columns":[{"column":"HIUSE R.EMPLOYEE_DETAILS.ADDRESS" ,"alias":"EMPLOYEE_DETAILS_AD DRESS"},{"column":"HIUSER.EMPL OYEE_DETAILS.AGE","alias":"sum_ AGE","aggregate":true}],"functions":{" aggregate":[{"column":"HIUSER.EMP LOYEE_DETAILS.AGE","function":" db.generic.aggregate.sum","alias":"sum_ AGE"}],"groupBy":[{"column":"EMP LOYEE_DETAILS_ADDRESS","custo m":true}],"limitBy":1000,"prependTab leNameToAlias":true,"refresh":true}	formData contains report name, location,columns,aggregate functions,limit,groupBy etc. Details.
Response	{"status":1,"response":{"data":[{"EMPLOYEE_DETAILS_ADDRESS":"Ahmedabad","sum_AGE":10 4},{"EMPLOYEE_DETAILS_ADDRESS":"Bangalore","sum_AGE":98},{"EMPLOYEE_DETAILS_	
Format)	ADDRESS": "Bhubaneshwar", "sum_AGE":118}, {"EMPLOYEE_DETAILS_ADDRESS": "Chandigarh ","sum_AGE":133}, {"EMPLOYEE_DETAILS_ADDRESS": "Chennai", "sum_AGE":106}, {"EMPLOY EE_DETAILS_ADDRESS": "Coimbatore", "sum_AGE":84}, {"EMPLOYEE_DETAILS_ADDRESS": " Delhi", "sum_AGE":40}, {"EMPLOYEE_DETAILS_ADDRESS": "Gurgaon", "sum_AGE":114}, {"EMP LOYEE_DETAILS_ADDRESS": "Guwahati", "sum_AGE":92}, {"EMPLOYEE_DETAILS_ADDRESS" ": "Hyderabad", "sum_AGE":139}, {"EMPLOYEE_DETAILS_ADDRESS": "Jaipur", "sum_AGE":102}, {"EMPLOYEE_DETAILS_ADDRESS": "Kolkata", "sum_AGE":50}, {"EMPLOYEE_DETAILS_ADD RESS": "Lucknow", "sum_AGE":70}, {"EMPLOYEE_DETAILS_ADDRESS": "Mumbai", "sum_AGE": 97}, {"EMPLOYEE_DETAILS_ADDRESS": "Mysore", "sum_AGE":65}, {"EMPLOYEE_DETAILS_A DDRESS": "Nagpur", "sum_AGE":81}, {"EMPLOYEE_DETAILS_ADDRESS": "Noida", "sum_AGE":76}, {"EMPLOY Delhi", "sum_AGE":75}, {"EMPLOYEE_DETAILS_ADDRESS": "Noida", "sum_AGE":76}, {"EMPLOY EE_DETAILS_ADDRESS": "Pune", "sum_AGE":75}, {"EMPLOYEE_DETAILS_ADDRESS": "Ranc hi", "sum_AGE":64}, {"EMPLOYEE_DETAILS_ADDRESS": "Thiruvananthapuram", "sum_AGE":71}] , "metadata": [{"1": {"name": "EMPLOYEE_DETAILS_ADDRESS", "type": "text"}, "2": {"name": "sum_AGE": Sum_AGE": "Sum_AGE": "Sum	
Description of	The response of the API is, it returns	the success status value as 1 if it fails
Response	returns 0 as the status with VF report of	data with metdata array and the total
Output :	number of rows.	
Service Status	200 OK	

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services	Params	Send 👻	Save
	Authorization Headers (1) Body Pre-request Script Tests			Cookies
	● form-data ● x-www-form-urlencoded ● raw ● binary			
				Key-Value
	<pre>cype:cauloc serviceType:report serviceType:report formData: (*location":"1507554717873", "metadataFileName":"84b8f397-b66c-4b7e-b19e- formData: (*locataCaulon":"507554717873", "metadataFileName":"84b8f397-b66c-4b7e-b19e- 8bbf2049500,metadata", "metadataName":"TestMetadata", "metadataFileName": Columns": [("column":"HIUSER.EMPLOYEE_DETAILS.ADERESS", "alias":"EMPLOYEE_DETAILS_ADDRESS"), ("column":"HIUSER.EMPLOYEE_DETAILS.AGE", "alias":"Sum_AGE", "aggregate":"Column":"HiuSER.EMPLOYEE_DETAILS_ADERESS", [("column":"HIUSER.EMPLOYEE_DETAILS.AGE", "function":"Column":"Aggregate: Sum", "alias": "Sum_AGE")," [("column":"EMPLOYEE_DETAILS_AGE", "custom":true}]), "limitBy":1000, "prependTableNameToAlias":true,]),"</pre>	': jroupBy": "refresh":tru	e}	
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 146 ms	Size: 1.55
	Pretty Raw Preview			
	{"status":1, "response": {"data": [{"EMPLOYEE_DETAILS_ADDRESS": "Ahmedabad", "sum_AGE":104}, {"EMPLOYEE_DETAILS_ADDRESS": "Bangalore", "sum_AGE":98}, {"EMPLOYEE_DETAILS_ADDRESS {"EMPLOYEE_DETAILS_ADDRESS": "Chandigarh", "sum_AGE":133}, {"EMPLOYEE_DETAILS_ADDRESS {"EMPLOYEE_DETAILS_ADDRESS": "Coimbatore", "sum_AGE":433}, {"EMPLOYEE_DETAILS_ADDRESS {"EMPLOYEE_DETAILS_ADDRESS": "Gurgaon", "sum_AGE":14}, {"EMPLOYEE_DETAILS_ADDRESS {"EMPLOYEE_DETAILS_ADDRESS": "Gurgaon", "sum_AGE":14}, {"EMPLOYEE_DETAILS_ADDRESS {"EMPLOYEE_DETAILS_ADDRESS": "Hyderabad", "sum_AGE":14}, {"EMPLOYEE_DETAILS_ADDRESS {"EMPLOYEE_DETAILS_ADDRESS": "Kolkata", "sum_AGE":10}, {"EMPLOYEE_DETAILS_ADDRESS": "	":"Bhubaneshw SS":"Chennai", S"."Delhi","sun :"Guwahati","s S":"Jaipur","su Lucknow","sur	ar","sum_AG "sum_AGE": n_AGE":40} um_AGE":92 m_AGE":102 n_AGE":70},	E":118}, 106}, !},

4.5.1.9 Check SQL Editor:

URL	services	
Description	It allows user to see the auto generated SQL query and returns the query as	
	response.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/services	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report&ser vice=generateQuery&formData={'location':'1507554717873','metadataFileName':'84 b8f397-b66c-4b7e-b19e- 88bbf2049500.metadata','metadataName':'TestMetadata','metadataDir':'New Folder','columns':[{'column':'HIUSER.EMPLOYEE_DETAILS.ADDRESS','alias':'E MPLOYEE_DETAILS_ADDRESS'},{'column':'HIUSER.EMPLOYEE_DETAILS. AGE','alias':'sum_AGE','aggregate':true}],'functions':{'aggregate':[{'column':'HIUSER	

	R.EMPLOYEE_DETAILS.AGE', 'function':'db.generic.aggregate.sum', 'alias':'sum_A GE'}],'groupBy':[{'column':'EMPLOYEE_DETAILS_ADDRESS', 'custom':true}]},'li mitBy':1000, 'prependTableNameToAlias':true}" http://192.168.2.156:8085/hi-	
HTTP Request	ee/services -v HTTP Request Value Description	
Key	-	-
type:	adhoc	Type of module
serviceType:	report	serviceType as report
service:	generateQuery	service as generateQuery
formData:	generateQueryservice as generateQuery{"location":"1507554717873","metadat aFileName":"84b8f397-b66c-4b7e- b19e- 88bbf2049500.metadata","metadataNa me":"TestMetadata","metadataDir":"Ne W Folder","columns":[{"column":"HIUSE 	
Response Output(JSON	{ status :1, response :{ classifier : db.gc \n\t\"HIUSER\".\"EMPLOYEE_DETAIL	S\".\"ADDRESS\" as
Format)	\"EMPLOYEE_DETAILS_ADDRESS\",	
	\tsum(\"HIUSER\".\"EMPLOYEE_DETAILS\".\"AGE\") as \"sum_AGE\" \nfrom\n\t\"HIUSER\".\"EMPLOYEE_DETAILS\" \ngroup by\n\t\"HIUSER\".\"EMPLOYEE_DETAILS\".\"ADDRESS\" FETCH FIRST 1000 ROWS ONLY"}}	
Description of	The response of the API is, it returns	the success status value as 1 if it fails
Response	returns 0 as the status with the db class	sifter and the query.
Service Status	200 OK	

Screenshot	POST V http://192.168.2.156:8085/hi-ee/services	Params Send 🛛 Save 🗠
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code
	● form-data	
		Key-Value Edit
	<pre>serviceType:report serviceType:report serviceType:report serviceType:report BabbT2045960.metadata", "metadataName": "TestMetadataFileName": "84bBf397-b66c-db7e-b19e- BabbT2045960.metadata", "metadataName": "TestMetadata", "metadataDir": "New Folder", "C[{"column": "HIUSER.EMPLOYEE_DETAILS.ADERSS", "allas": "SUM_ADEYE_DETAILS.ADERESS"), {"column": "HIUSER.EMPLOYEE_DETAILS.AGE", "function": "db.generic.aggregate.sum", "al [{"column": "HENER.EMPLOYEE_DETAILS_ADERESS", "custom": true}]}, "limitBy":1000, "prependTab] Body Cookles (5) Headers (7) Tests</pre>	columns": ctions":{"aggregate": lias":"Sum_AGE"],"groupBy": leNameToAlias":true} Status: 200 OK Time: 60 ms Size: 649 B
	Pretty Raw Preview	ū
	{"status":1,"response":{"classifier":"db.generic","query":"select \n\r\"HIUSER\".\"EMPLO \"EMPLOYEE_DETAILS_ADDRESS\".\n \tsum("HIUSER\".\"EMPLOYEE_DETAILS\ \nfrom`nit\"HIUSER\".\"EMPLOYEE_DETAILS\" \ngroup by'nit\"HIUSER\".\"EMPLOY ONLY"}}	DYEE_DETAILS\".\"ADDRESS\" as "\"AGE\") as \"sum_AGE\" FEE_DETAILS\".\"ADDRESS\" FETCH FIRST 1000 ROWS

4.5.1.10 Search Report properties:

Note : Accroding to visualization types the custom scripts get changed.

URL	/services	
Description	It allows user to search custom script for report type.	
	Using custom scripts you can apply di	fferent visualization changes for report
	components.	
Pre-requisite	User should have logged in before acc	essing the service [Refer login module]
rie requisite		
	If the user is not logged in then you will g	et login page.
Accessible for	ROLE_ADMIN , ROLE_USER	
HTTP Request	POST	
Method		
Example		
	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hiad	min&type=adhoc&serviceType=customScr
	ipt&service=search&formData={'group':'	Table', 'subGroup':", 'offset':0, 'limit':1000, 'se
	archPhrase':"}" http://192.168.2.156:8085/hi-ee//services -v	
HTTP Request	HTTP Request Value	Description
Key		

type:	adhoc	Type of module	
serviceType:	customScript	serviceType as customScript	
service:	search	service as search	
formData:	{"group":"Table","subGroup":"","offset ":0,"limit":1000,"searchPhrase":""}	formData contains type of group subgroup etc information.	
Response Output(JSON Format)	{"status":1,"response":{"total":14,"result":[{"name":"Row Banding","scriptId":"table_js_rowBanding","scriptType":"js","group":"Table","para meters":{"evenValue":"#ffffff","oddValue":"#f0f0f0","defaultEvenValue":"#fffffff"," defaultOddValue":"#f0f0f0","customEvenValue":"#ffffff","customOddValue":"#f0f 0f0","switch":"false"},"renderOn":"simpleModel","isEditable":true,"description":"A dds row binding to table"."icon":"/images/scriptLcons/RowBinding.png"}]}		
Description of Response Output :	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status with the total number of scripts available for visualization type with script details(name,id,type,group etc).		
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee//services Authorization Headers (1) Body ● Pre-request Script Tests Image: The service of	Params Send V Save V	
<pre>type:adhoc serviceType:customScript service:search formData:{"group":"Table", "subGroup":"", "offset":0, "limit":1000, "searchPhrase":""}</pre>		rchPhrase":""}	
	Body Cookies (5) Headers (7) Tests Pretty Raw Preview	Status: 200 OK Time: 81 ms Size: 6.07 KB	

4.5.1.11 Fetch selected Custom Script settings:

Note : According to visualization types the custom scripts get changed.

URL	/services	
Description	It allows user to search custom script for report type.	
	Using custom scripts you can apply different visualization changes for report	
	components.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	

	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=customScr ipt&service=fetch&formData={'scriptId':'table_js_TableColorCustomization','param eters':{'defaultHeader':'#ffffff','defaultHFont':'#000000','defaultBody':'#ffffff','default BFont':'#000000','defaultTabFormat':'','theadColor':'#00ff00','theadFntColor':'#ffffff',' tbodycolor':'#0000ff','tbobyFntColor':'#fffffff','customHeader':'#ffffff','customHFont':' #f0f0f0','customBody':'#ffffff','customBFont':'#f0f0f0','customTabFormat':'','flag':'fal se'\\'' http://192_168_2_156:8085/hi_ee//services_v/	
HTTP Request	HTTP Request Value	Description
Key		
type:	adhoc	Type of module
serviceType:	customScript	serviceType as customScript
service:	fetch	service as fetch
formData:	{"scriptId":"table_js_TableColorCusto mization","parameters":{"defaultHeader ":"#ffffff","defaultHFont":"#000000","d efaultBody":"#fffffff","defaultBFont":"# 000000","defaultTabFormat":"","thead Color":"#00ff00","theadFntColor":"#fff fff","tbodycolor":"#0000ff","tbobyFntC olor":"#fffffff","customHeader":"#fffffff" ,"customHFont":"#f0f0f0","customBod y":"#ffffff","customBFont":"#f0f0f0","c ustomTabFormat":"","flag":"false"}}	formData contains script information like scriptID and the selected parameters details.
Response	{"status":1,"response":{Script information	n } }
Output(JSON		
Format)		
Description of Response Output :	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status with selected script information. Note : Script information is the selected script information like scriptID, style details.name of the script etc.	
	details, name of the script etc.	

Screenshot	POST V http://192.168.2.156:8085/hi-ee//services	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Cookies Code
	● form-data ● x-www-form-urlencoded ● raw ● binary	
		Key-Value Edit
	<pre>crylce:Type:customScript service:Tetch formata:{"scriptId":"table_js_tableColorCustomization", "parameters": {"defaultHeader":"#ffffff", "defaultHeont":"#e000000", "defaultBody":"#ffffff", "defaultB 0 eff00", "theadentcolor":"#fffff", "customBootColor":#fffff", "customTabFormat":"", "flag":"false"}}</pre>	Font":"#000000","defaultTabFormat":"","theadColor":"# ustomHeader":"#ffffff","customHFont":"#f0f0f0","custo
	Body Cookies (5) Headers (7) Tests	Status: 200 OK Time: 551 ms Size: 14.46 KB
	Pretty Raw Preview	ū
	{"status":1,"response":{"scriptId":"table_js_TableColorCustomization","uiSnippet":"\n\titin\tit \n\tititit \n\titititBasic\n\titit \n\tititit	\n\n\frit
	ារ ដោយជាដាំង។ ក្រោយដោយដោយដោយដោយដែលដែ	
	\n\thttt://thttAdvancedin\thttit	

4.5.1.12 Get edited Report Properties :

URL	/services	
Description	It allows user to search custom script for report type.	
	Using custom scripts you can apply different visualization changes for report	
	components.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login nage	
Accessible for	ROLE ADMIN ROLE USER	
HETER D		
HIIP Request	POST	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata	
	"i username=hiadmin&i password=hiadmin&type=adhoc&serviceType=customScr	
	ipt&service=getSnippets&formData={'parameters':[{'scriptId':'table_is_TableColorC	
	ustomization', 'parameter Values': { 'default Header': '#ffffff', 'default HFont': '#000000', 'de	
	faultBody':'#fffffff','defaultBFont':'#000000','defaultTabFormat':'','theadColor':'#0000	
	00', 'theadFntColor': '#ffffff', 'tbodycolor': '#4472c4', 'tbobyFntColor': '#eef5e9', 'customH	
	eader':'#ffffff','customHFont':'#f0f0f0','customBody':'#ffffff','customBFont':'#f0f0f0','	
	customTabFormat':'#ffffff_#000000_#eef5e9_#4472c4','flag':'false'}}]}"	

	http://192.168.2.156:8085/hi-ee//services -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	adhoc	Type of module	
serviceType:	customScript	serviceType as customScript	
service:	getsnippets	service as getsnippets	
formData:	{"parameters":[{"scriptId":"table_js_Ta bleColorCustomization","parameterVal ues":{"defaultHeader":"#ffffff","default HFont":"#000000","defaultBody":"#ffff ff","defaultBFont":"#000000","defaultT abFormat":"","theadColor":"#000000"," theadFntColor":"#ffffff","tbodycolor":" #4472c4","tbobyFntColor":"#eef5e9","c ustomHeader":"#fffffff","customHFont": "#f0f0f0","customBody":"#fffffff","cust omBFont":"#f0f0f0","customTabForma t":"#ffffff_#000000_#eef5e9_#4472c4", "flag":"false"}]]	formData contains script information like scriptID and the selected parameters details.	
Response	{"status":1,"response":{Script information	n	
Format)			
Description of	The response of the API is it returns	the success status value as 1 if it fails	
Response	returns 0 as the status with edited repo	rt property information	
Output :		re brokered morning	
Service Status	200 OK		
Screenshot	POST v http://192.168.2.156:8085/hi-ee//services Params Send Save v Authorization Headers (1) Body • Pre-request Script Tests Cookies Coo		
	Pretty Raw Preview {"status":1,"response"; ("result":[{"scriptld";"table_js_TableColorCustomization", "snippet"; "uitit 'uitit'uitif(!hi_container.isSet()"postExecution!"); {uitit'itit_i_container.set("postExecution!", backgroundColor):uititt) uitit'telse {uititit thi_container.extend("postExecution!", backgroundColor):uititt) in in function backgroundColor):(uititS(:table).removeClass(table-striped):u it S(tbody):css("background-color', "#4472c4"):u S(tbady).css("background-color', "#4472c4"):u S(tbady).css("background-color', "#4000000"):uitittS(:table to all the all the "arespan):css("color", "#efffet"):uititts("charls"):css("background-color', "#effet"):uitituituittit("thittit", "colorence, "areacted"):uitituituituituituituituituituituituitui		

4.5.1.13 Apply Report Properties :

Note : Accroding to visualization types the custom scripts get changed. After selection of report properties we need to apply that report property.

URL	visualizeAdhoc.html	
Description	It allows user to apply the report properties on different visualization	
	types(table,charts,crosstab,VF) etc.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN , ROLE_USER	
HTTP Request	POST,GET	
Method		
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html	
	Access through Curl command :	
	Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&adhocData={'location':'150755471787 3','metadataFileName':'84b8f397-b66c-4b7e-b19e- 88bbf2049500.metadata','metadataName': TestMetadata','metadataDir':'New Folder', columns':[{'column':'HIUSER.EMPLOYEE_DETAILS.ADDRESS','alias':'E MPLOYEE_DETAILS_ADDRESS'}, {'column':'HIUSER.EMPLOYEE_DETAILS. AGE','alias':'sum_AGE','aggregate':true}],'functions': {'aggregate.sum', alias':'sum_A GE'}],'groupBy':[{'column':'EMPLOYEE_DETAILS_ADDRESS','custom':true}]},'li mitBy':10,'prependTableNameToAlias':true,'sample':1000}&columns=[{'column':'E MPLOYEE_DETAILS.ADDRESS','label':'EMPLOYEE_DETAILS_ADDRESS','id' 'ha2xdmyhxia','type':{'dataType':'text', 'backendDatatype':'java.lang.String'},'autogen _alias':'EMPLOYEE_DETAILS_ADDRESS','groupBy':['db.generic.groupBy.group'] },{'column':EMPLOYEE_DETAILS_ADDRESS','groupBy':['db.generic.groupBy.group'] },{'column':EMPLOYEE_DETAILS_ADDRESS','groupBy':['db.generic.groupBy.group'] },{'column':EMPLOYEE_DETAILS_ADDRESS','groupBy':['db.generic.groupBy.group'] },{'column':EMPLOYEE_DETAILS_AGE','label':EMPLOYEE_DETAILS_AGE','i d':'I3xpu5dx0ac','type':{'dataType':numeric','backendDatatype':'java.lang.Integer'},'a utogen_alias':sum_AGE','aggregate'.['db.generic.aggregate.sum']}]&viz_type=Table &settings={'vf_file':'sample_report.efwvf','vf_id':1,'dir':'1463377807724/146337797 8248/Sample EFW Report','_path':/HI Sample Reports/EFW Reports/Sample EFW Report/sample_report.efwvf/pie chart (1)','script':'(function(data, chartElement){\n \n\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\	

	<pre>{\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\</pre>		
	$ true \left(\frac{t}{t} \right) = \frac{1}{t} $		
	\n\t\t\tif(!hi_container.isSet(\'postExecution\')){\n\t\t\thi_container.set(\'postExecuti		
	on\', backgroundColor); $\frac{t}{t}=\frac{\sqrt{t}}{\sqrt{t}}, \frac{1}{\sqrt{t}}, \frac{1}{\sqrt$		
	backgroundColor);\n\t\t\}\n\n\t function backgroundColor() {\n\t\t\t\$('.table').removeClass('table-striped');\n \t \$('tbody').css(\'background-		
	color\', \'#4472c4\');\n \$('thead').css(\'background-		
	thead th>a>span').css(\'color\',\'#ffffff\');\n\t\t\t\$('#chart').css(\'background-		
	color\',\'#000000\');\n\t\t\ \n\t\t\};\n\t\t\n\t']&styles="&customStyles="" http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
adhocData:	<pre>{"location":"1507554717873","metadataFileNa me":"84b8f397-b66c-4b7e-b19e- 88bbf2049500.metadata","metadataName":"Test Metadata","metadataDir":"New Folder","columns":[{"column":"HIUSER.EMPL OYEE_DETAILS.ADDRESS","alias":"EMPLO YEE_DETAILS_ADDRESS",{"column":"HIU SER.EMPLOYEE_DETAILS.AGE","alias":"su m_AGE","aggregate":true}],"functions":{"aggre gate":[{"column":"HIUSER.EMPLOYEE_DET AILS.AGE","function":"db.generic.aggregate.su m","alias":"sum_AGE"}],"groupBy":[{"column" :"EMPLOYEE_DETAILS_ADDRESS","custom "true}]],"limitBy":10,"prependTableNameToAl ias":true,"sample":1000} [{"column":"EMPLOYEE_DETAILS_ADDRESS ","idbel":"EMPLOYEE_DETAILS_ADDRESS ","idbel":"EMPLOYEE_DETAILS_ADDRESS ","idel":"EMPLOYEE_DETAILS_ADDRESS ","idel":"EMPLOYEE_DETAILS_ADDRESS ","id':"ha2xdmyhxia","type":{"dataType":text", "backendDatatype":"java.lang.String"},"autogen _alias":"EMPLOYEE_DETAILS_ADDRESS"," groupBy":["db.generic.groupBy.group"]},{"colu mn":"EMPLOYEE_DETAILS_AGE","label":"E MPLOYEE_DETAILS_AGE","id":"13xpu5dx0a c","type":{"dataType":"numeric","backendDatat</pre>	adhocData is the passed data information related to metadata its name , location with used columns along with functions applied. Columns contains all selected column information(name,dataType,alias,aggr egate functions applied etc.).	
	ype":"java.lang.Integer"},"autogen_alias":"sum_ AGE","aggregate":["db.generic.aggregate.sum"] }]		
viz_type:	Table	Type of visualization	
settings:	<pre>{"vf_file":"sample_report.efwvf","vf_id":1,"dir": "1463377807724/1463377978248/Sample EFW Report","_path":"/HI Sample Reports/EFW Report/sample_report.efwvf/pie chart (1)","script":"(function(data, chartElement){\n \n\t\t\t\t\t if (data.length == 0) {\n \$('#chart_1').html()"<div><h2 style="text-
align:CENTER;color:#927333;">No Data To Display</h2></div>\");\n } else {\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\</pre>	Settings related to vf file and related details .vizType is the type of visualization.	

	$\label{eq:linear} t_t(t)(t)(t)(t)(t)(t)(t)(t)(t)(t)(t)(t)(t)$	
database:	HIUSER	Name of database used
scripts:	[]	Applied scripts if any
customScripts:	["\n\t\t \n\t\t\tif(!hi_container.isSet(\"postExecution\")) {\ n\t\t\thi_container.set(\"postExecution\", backgroundColor);\n\t\t\}\n\t\n\t\t\thi_c ontainer.extend(\"postExecution\", backgroundColor);\n\t\t\}\n\n\t function backgroundColor);\n\t\t\}\n\n\t function backgroundColor() {\n\t\t\t\$('.table').removeClass('table-striped');\n \t \$('tbody').css(\"background-color\", \"#4472c4\");\n \$('thead').css(\"background- color\",\"#000000\");\n\t\t\t\$('.table tbody td').css(\"color\",\"#ef5e9\");\n\t\t\t\$('.table thead th>a>span').css(\"color\",\"#ffffff\");\n\t\t\t\$('#ch art').css(\"background- color\",\"#000000\");\n\t\t\t\n\t\t\};\n\t\t\n\t"]	Applied Customscripts /report property
styles:	····	Applied styles if any
customStyles:	· · · · · · ·	Applied Customstyles if any
Response Output(JSON Format)	The response we get from API is the report html contents.	
Service Status	200 OK	


4.5.1.14 Add auto search filter in report:

URL	/services	
Description	It allows user to add auto search filter in the adhoc report.	
Pre-requisite	User should have logged in before accessing the service.[Refer login module]	
	If the user is not logged in then you will get login page	
	n the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	POST	
Method		
Example		
_	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata	
	"j username=hiadmin&j password=hiadmin&type=adhoc&serviceType=report&ser	
	vice=fetchData&formData={'location':'1463377807724/1463377836985','metadataFi	
	leName':'e9be6771-995b-40eb-a01c-	
	304857a100a1.metadata', 'metadataName': 'Sample Travel MD', 'metadataDir': 'HI	
	Sample Reports/Adhoc	
	Metadata', 'columns': [{ 'column': 'HIUSER.EMPLOYEE_DETAILS.EMPLOYEE_NA	
	ME', 'alias': 'EMPLOYEE_DETAILS_EMPLOYEE_NAME' }], 'distinctResults': true, 'f	
	unctions':{'orderBy':[{'alias':'EMPLOYEE_DETAILS_EMPLOYEE_NAME','order':	
	'asc','custom':true}]},'refresh':true,'limitBy':50,'offset':0}"	

	http://192.168.2.156:8085/hi-ee//services -v		
HTTP Request	HTTP Request Value	Description	
Key	-	2	
type:	adhoc	Type of module	
serviceType:	report	serviceType as report	
service:	fetchData	service as fetchData	
formData:	{"location":"1463377807724/14633778369 85", "metadataFileName":"e9be6771-995b- 40eb-a01c- 304857a100a1.metadata", "metadataName": "Sample Travel MD", "metadataDir":"HI Sample Reports/Adhoc Metadata", "columns":[{"column":"HIUSER .EMPLOYEE_DETAILS.EMPLOYEE_NA ME", "alias":"EMPLOYEE_DETAILS_EM PLOYEE_NAME"}], "distinctResults":true, "functions":{"orderBy":[{"alias":"EMPLO YEE_DETAILS_EMPLOYEE_NAME","or der":"asc", "custom":true}]}, "refresh":true,"] imitBy":50. "offset":0}		
Response	{"status":1,"response":{"data":[{"EMPLOYEE_	DETAILS_EMPLOYEE_NAME":"Ahmed	
Output(JSON	Haider"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alec		
Format)	Lynch"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alvin Singh"}] "metadata":[{"1":{"name":"EMPLOYEE_DETAILS_EMPLOYEE_NAME" "type"		
	:"text"}},{"rows":4}]}		
Description of	The response of the API is, it returns the success status value as 1 if it fails		
Response	returns 0 as the status with data array having all rows on which search filter is		
Output ·	applied		
Output.	appried.		
Service Status	200 OK		
Screenshot	DOST V http://102.168.2.156:8085/hivee//cenvices	Darame Sand V Salva V	
	Aduionzauon neaders (i) body Prerequest script rests	Lookres Lode	
	orm-data x-www-torm-unencoded raw binary		
type:adhoc serviceType:report serviceType:report serviceType:rebotata formData:("location":"146337780724/146337780985", "metadataFileName":"esbe6771-995b-40eb-a01C- 304857a106a1.metadata", "metadataName":"Sample Travel ND", "metadataDir":"HI Sample Reports/Adhoc Metadata", "columns": [["column":"HIUSER.EMPLOYEE_DETAILS.EMPLOYEE_NAME", "alias":"EMPLOYEE_DETAILS_EMPLOYEE_NAME")], "distinctResults":true, "fu {"orderBy":[["alias":"EMPLOYEE_DETAILS_EMPLOYEE_NAME", "order":"asc", "custom":true)]}, "refresh":true, "limitBy":50, "offset Body Cookles (5) Headers (7) Tests Status: 200 OK Time: Pretty Raw Preview {"status":1,"response":("data":[{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Ahmed Haider"}, {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alec_Lynch"},{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"}; {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bardia Houseman", ("EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"); {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bardia Houseman", ("EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"); {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bardia Houseman", ("EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Charperse: {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bardia Houseman", ("EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"); {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bardia Houseman", ("EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Alex Sharp"); {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bardia Houseman", ("EMPLOYEE_DETAILS_EMPLOYEE NAME":"Alex Sharp"); {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bardia Houseman", ("EMPLOYEE_DETAILS_EMPLOYEE, NAME":"Bardia Houseman", ("		<pre>s":"e9be6771-995b-49eb-a01C- ir":"HI Sample Reports/Adhoc Metadata", "columns": E_DETAILS_EMPLOYEE_NAME"}], "distinctResults":true, "functions": "custom":true}]]), "refresh":true, "limitBy":se, "offset":6} Status: 200 OK Time: 166 ms Stee: 2.86 KB NAME":"Ahmed Haider"}, LOYEE DETAILS_EMPLOYEE_NAME":"Alex Sharp"}. LOYEE DETAILS_EMPLOYEE_NAME":"Andrew Campbell"}, "EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bosco Tan"},</pre>	
	{"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Bradley Smith"}, {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Cameron Adams"}, {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Cliff Obrecht"}, {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Daniel Friedman"}, {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Dean McEvoy"}, {"EMPLOYEE_DETAILS_EMPLOYEE_NAME":"Dean Ramler"},		

4.5.1.15 Apply filter on report :

Note : To apply any filter on adhoc report , according to filter different parameter values of filter will get change .Below we just taken one example.

URL	visualizeAdhoc.html	
Description	It allows user to apply the filters on different visualization	
	types(table,charts,crosstab,VF) etc.According to applied filter you	
	will get report data.	
Pre-requisite	User should have logged in before accessing the service. [Refer	
	login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request Method	POST	
Example		
-	Access through browser :	
	http://102.169.2.156.9095/hit op/sizes/installing Add and http://	
	http://192.108.2.150.8085/III-ee/visualizeAdnoc.html	
	Access through Curl command :	
	curldata	
	"j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14	
	ac858ac8a52c.report&adhocData={'location':'1463377807724/14633778	
	36985', 'metadataFileName': 'e9be6771-995b-40eb-a01c-	
	304857a100a1.metadata', 'metadataName': 'Sample Travel	
	MD', 'metadataDir': 'HI Sample Reports/Adhoc	
	Metadata', 'columns': [{ 'column': 'HIUSER. TRAVELDETAILS. DESTINA	
	VEL COST' 'alias' 'Total Cost' 'aggregate' true} { column' 'avg(ALL	
	TRAVEL_COST)', 'alias': 'Average	
	Cost','custom':true}],'functions':{'aggregate':[{'column':'HIUSER.TRAVE	
	LDETAILS.TRAVEL_COST', 'function':'db.generic.aggregate.sum', 'alias'	
	: Total Cost']] 'groupBy':[['colump':'Destination' 'custom':true]]] 'heving':[['yelu	
	es'·['18533970'] 'dataType'·'java lang Integer' 'isFilterEditable'·false 'enclo	
	selnOuotes':false, 'dateTimeToggle':true, 'column':'HIUSER.TRAVELDE	
	TAILS.TRAVEL_COST', 'function':'db.generic.aggregate.sum', 'condition'	
	:'EQUALS'}],'customHavingExpression':'\${0}','prependTableNameToAli	
	as':true,'limitBy':10,'sample':1000}&columns=[{'column':'TRAVELDET	
	AILS.DESTINATION', 'label': 'TRAVELDETAILS_DESTINATION', 'ld':'	
	K55yokqskbo', type': { 'data1 ype': text', 'backendDatatype': 'java.lang.String'	
	neric groupBy group' 'alias' 'Destination' { 'column' 'TRAVEL DETAILS	
	.TRAVEL_COST', 'label': 'TRAVELDETAILS_TRAVEL_COST', 'id': 'eyo	

	hqmqıq2a','type':{'dataType':'numeric','backendDatatype':'java.lang.Intege r'},'autogen_alias':'sum_TRAVEL_COST','aggregate':['db.generic.aggreg ate.sum'],'alias':'Total Cost'},{'label':'Custom Column','custom':true,'column':'avg(ALL TRAVEL_COST)','alias':'Average Cost','id':'q3hqgcj7u8'}]&viz_type=Table&settings=""&scripts=[]&custo mScripts=[]&styles="&customStyles="&getFilters[0][values][]=1853397 0&getFilters[0][mode]=auto&getFilters[0][dataType]=numeric&getFilter s[0][dataSource][location]=1463377807724/1463377836985&getFilters[0][dataSource][metadataFileName]=e9be6771-995b-40eb-a01c- 304857a100a1.metadata&getFilters[0][dataSource][metadataName]=Sam ple Travel MD&getFilters[0][dataSource][metadataDir]=HI Sample Reports/Adhoc Metadata&getFilters[0][valuesMode]=auto&getFilters[0][isFilterEditable]=false&getFilters[0][name]=Total Cost&getFilters[0][name]=Total Cost&getFilters[0][encloseInQuotes]=false&getFilters[0][dateTimeToggl e]=true&getFilters[0][column]=TRAVELDETAILS.TRAVEL_COST&get			
	Filters[0][backendDataType]=java.lang.Integer&getFilters[0][adhoc]=tru e&getFilters[0][condition]=EQUALS&getFilters[0][database]=HIUSER &getFilters[0][aggregate][]=db.generic.aggregate.sum"			
HTTP Request Key	http://192.168.2.156:8085/hi-ee/visualizeAdhoc.html -v HTTP Request Value Description			
dir.	1463377807724/1463378	Physical name of directory		
	012748			
file:	94b8d841-bf01-4ff3-8e9e-	Physical name of report file		
	ac858ac8a52c.report			
adhocData:	<pre>{"location":"1463377807724/1463 377836985","metadataFileName":" e9be6771-995b-40eb-a01c- 304857a100a1.metadata","metadat aName":"Sample Travel MD","metadataDir":"HI Sample Reports/Adhoc Metadata","columns":[{"column":" HIUSER.TRAVELDETAILS.DES TINATION","alias":"Destination"} ,{"column":"HIUSER.TRAVELD ETAILS.TRAVEL_COST","alias": "Total Cost","aggregate":true},{"column" :"avg(ALL TRAVEL_COST)","alias":"Averag e Cost","custom":true}],"functions": {"aggregate":[{"column":"HIUSE R.TRAVELDETAILS.TRAVEL_ COST","function":"db.generic.aggr egate.sum","alias":"Total Cost"],"groupBy":[{"column":"D estination","custom":true}]},"havin g":[{"values":["18533970"],"dataT ype":"java.lang.Integer","isFilterEd itable":false,"encloseInQuotes":fals</pre>	adhocData is the passed data information related to metadata its name, location with used columns along with functions applied.		

	"HIUSER.TRAVELDETAILS.TR AVEL_COST", "function": "db.gen eric.aggregate.sum", "condition": "E QUALS"}], "customHavingExpress ion": "\${0}", "prependTableNameT oAlias": true, "limitBy": 10, "sample" :1000}	
columns:	[{"column":"TRAVELDETAILS. DESTINATION","label":"TRAVE LDETAILS_DESTINATION","id" :"k53y6kqskbo","type":{"dataType ":"text","backendDatatype":"java.l ang.String"},"autogen_alias":"TRA VELDETAILS_DESTINATION", "groupBy":["db.generic.groupBy.g roup"],"alias":"Destination"},{"col umn":"TRAVELDETAILS.TRAV EL_COST","label":"TRAVELDET AILS_TRAVEL_COST","id":"eyo hqmqiq2a","type":{"dataType":"nu meric","backendDatatype":"java.la ng.Integer"},"autogen_alias":"sum _TRAVEL_COST","aggregate":[" db.generic.aggregate.sum"],"alias": "Total Cost"},{"label":"Custom Column","custom":true,"column":" avg(ALL TRAVEL_COST)","alias":"Averag e Cost","id":"q3hqgcj7u8"}]	Columns contains all selected column information(name,dataType,alias,aggr egate functions applied etc.).
viz_type:	Table	Type of visualization
settings:		Settings related to type of visualization.
database:	HIUSER	Name of database used
scripts:	[]	Applied scripts if any
customScripts:	["\n\t\t \n\t\tif(!hi_container.isSet(\"postE xecution\")){\n\t\t\thi_container.s et(\"postExecution\", backgroundColor);\n\t\t}\n\t\tess e {\n\t\t\thi_container.extend(\"pos tExecution\", backgroundColor);\n\t\t}\n\t function backgroundColor() {\n\t\t\t\$('.table').removeClass('tabl e-striped');\n\t \$('tbody').css(\"background- color\", \"#4472c4\");\n \$('thead').css(\"background- color\",\"#000000\");\n\t\t\t\$('.table tbody td').css(\"color\",\"#eef5e9\");\n\t\t \$('.table thead th>a>span').css(\"color\",\"#ffffff\");\n\t\t\\$('#chart').css(\"background- color\",\"#000000\");\n\t\t\t	Applied Customscripts /report property

styles:		Applied styles if any
customStyles:		Applied Customstyles if any
getFilters[0][values][]:	18533970	Filter value selected
getFilters[0][mode]:	auto	Type of search mode
getFilters[0][dataType]:	numeric	Type of data
getFilters[0][dataSource][l ocation]:	1463377807724/1463377 836985	Location of datasource
getFilters[0][dataSource][metadataFileName]:	e9be6771-995b-40eb- a01c- 304857a100a1.metadata	Physical name of metadata
getFilters[0][dataSource][metadataName]:	Sample Travel MD	Name of metadata
getFilters[0][dataSource][metadataDir]:	HI Sample Reports/Adhoc Metadata	Directory name of metadata
getFilters[0][valuesMode] :	auto	Mode of values
getFilters[0][isFilterEdita ble]:	false	Filter is editable or not : true/false
getFilters[0][parameters][] :	Total Cost	Parameters of filter
getFilters[0][name]:	Total Cost	Name if filter
getFilters[0][encloseInQu otes]:	false	Enclose in quotes or not : true/false
getFilters[0][dateTimeTog gle]:	true	Dtaetime toggle value true/false
getFilters[0][label]:	Total Cost	Label of filter
getFilters[0][column]:	TRAVELDETAILS.TRA VEL_COST	Name of column name
getFilters[0][backendData Type]:	java.lang.Integer	Type of java class for numeric value
getFilters[0][adhoc]:	true	Value of adhoc filter : true/false
getFilters[0][condition]:	EQUALS	Condition of filter
getFilters[0][database]:	HIUSER	Name of database
getFilters[0][aggregate][]:	db.generic.aggregate.sum	Used aggregate function
Response Output(JSON		
Format)	The response we get from API is the report html contents.	
Service Status	200 OK	

Authorization Headers (1) Body • Pre-request Script Tests form-data • x-www-form-urlencoded • raw • binary • binary • • authorization •		
<pre>dir:1463377807724/1463378012748 flle:94b8d941.bf01.4ff3.68e9-ac858ac8a52c.report adhocData:("Jocation':"1483377807724/1463377836985", "metadataFileName":"@9be6771-995b-40eb-a01c- 304857a100a1.metadata", "metadataName":"Sample Travel MD", "metadataFileName":"@fbe6771-995b-40eb-a01c- 304857a100a1.metadata", "metadataName":"Sample Travel MD", "metadataDir":"HI Sample Reports/Adhoc Meta G'column":"HUSER, TRAVELDETALLS.DESTINATION", "allas":"Destination", "flussen, TRAVELDETALLS Cost", "aggregate":true), ("column":"AugALL TRAVEL_COST", "allas":"Average Cost", "custom":true]], "flot [("column":"HUSER, TRAVELDETALLS.TRAVEL_COST", "function":"db, generic.aggregate.sum", "allas": "Average Cost", "custom": allas": "Total C [("column":"HUSER, TRAVELDETALLS.TRAVEL_COST", "function": "flot, generic.aggregate.sum", "condition": "EQUALS")], "customHavingEx [lias":True."]imitEP.":10."sample":ide004 Body Cookies (5) Headers (8) Tests Pretty Raw Preview <pre> thil class="hi-visulize-adhoc"></pre></pre>	Adata", "column s.TRAVEL_COST" inctions":("ag Sost")], "group imeToggle":tru ression":"\${e Status: 200 OK	is": ,'alias":", gregate": By": ie,"column": }","prepend Time: 172 m

4.5.1.16 Save adhoc report :

/services	
It allows user to save the adhoc report.	
User should have logged in before accessing the service. [Refer login module]	
If the user is not logged in then you will get login page	
ROLE_ADMIN , ROLE_USER	
ROLE_ADMIN, ROLE_USER	
POST	
Access through browser :	
http://192.168.2.156:8085/hi-ee//services	
Access through Curl command :	
curldata	
"j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report&ser	
vice=saveReport&formData={'columns':[{'column':'EMPLOYEE_DETAILS.AGE','	
label: EMPLOYEE_DETAILS_AGE, 10: gyu35114e1m, type:{ data1ype:numeric	
, backenuDatatype: java.lang.lineger }, autogen_anas: EviPLOTEE_DETAILS_AG	
E DETAILS AGE 'id': avu351f/e1m' 'type': L'dataType': 'numeric' 'backendDatatype	
''iava lang Integer'' 'autogen alias''EMPLOYEE DETAILS AGE''I 'filters''['valu	
es':[25 36] 'mode': auto' 'dataType': 'numeric' 'valuesMode': 'auto' 'isFilterEditable': fals	
e. 'encloseInOuotes':false. 'dateTimeToggle':true. 'databaseFunction':{}.'label':'EMPLO	

HTTP Request	YEE_DETAILS_AGE', 'column': 'EMPLOYEE_DETAILS.AGE', 'backendDataType': 'java.lang.Integer', 'condition': 'IS_BETWEEN'}], 'customFilterExpression': '\${0}', 'cust omHavingExpression': '', 'options': {'limitBy':1000, 'prependTableNameToAlias': true}, ' visualisation': {'type': 'Table', 'chartGroup': '', 'selectedType': 'Table', 'settings': {'script':nul l, 'vizscriptsEditMultipleMode': false}, 'vizSelectedScripts':[]}, 'scripts':[], 'styles': '', 'cust omStyles': '', 'customScripts':[]}, 'classifier': 'db.generic', 'metadata': {'location': '1463377 807724/1463377836985', 'metadataFileName': 'e9be6771-995b-40eb-a01c- 304857a100a1.metadata', 'metadataName': 'Sample Travel MD', 'metadataDir': 'HI Sample Reports/Adhoc Metadata'}, 'location': '1507554717873', 'uuid': '29d4282b- ae23-4acf-add4-9747f0d04e20.report'}" http://192.168.2.156:8085/hi-ee//services -v		
Key			
type:	adhoc	Type of module	
serviceType:	report	serviceType as report	
service:	saveReport	service as saveReport	
formData:	saveReport service as saveReport {"columns":{{"column":TEMPLOYEE_DETAIL SAGE", "label":TEMPLOYEE_DETAILS_AGE ","id":"gva51f4e1m", 'type":{"dataType ":"numeric", "backendDatatype": "java.lang.Integer"}, "a utogen_alias":TEMPLOYEE_DETAILS_AGE]],"state":{"columns":{{"columns":{!Column":TEMPLOYEE_DETAILS_AGE"}} j."state":{"columns":{!"column":TEMPLOYEE_DETAILS_AGE"} DETAILS_AGE", "id":"gva351f4e1m", "type":{!"dataType pe":"numeric", "backendDatatype ":"java.lang.Integer"], "autogen_alias": "EMPLOYEE_DETAIL S_AGE"], "filters":{{"values:NoeMode":"auto", 'dataType ":"numeric", 'valuesMode":"auto "risFilterEditable":false, "encloseInQuotes":false, "dateTimeToggle":true, "databaseFunction":{{},"riabel", "column" ":"EMPLOYEE_DETAILS_AGE", "column" formData contains the report related information like columns, filters, functions uums, filters, functions used , metadata information, report uuid stored etc. offstigne:"Table", "settings":{"script":mill, "viscut' uid stored etc. %"(1), "scripts":[], "styles":", "customStyles":", "customStyles":", "customStyles":", "customStyles":", "customStyles":", "customStyles":", "customStyles":", "customStyles":", "customStyles":", "detadataTileName": "e9be6771-995b-40eb-a01c-304857a100a1.metadata", "netadataName":Sam ple Travel MD", "metadataDir":"HI Sample Reports/Adhoc Metadata", "location":"1507554717873", "uuid": Hout thetadata Hout thetadatadatadatadata		
Response	{"status":1,"response":{"uuid":"29d42	282b-ae23-4acf-add4-	
Output(JSON	9/47f0d04e20.report"}}	9747f0d04e20.report"}}	
rormat)	The response of the ADI is it returns the success status as he as 1 if if () it		
Response Output :	returns 0 as the status with uuid of the report.		

Service Status	200 OK			
Screenshot	POST V http://192.168.2.156:8085/hi-ee//services	Params	Send 💙 Save 🗡	1
	Authorization Headers (1) Body Pre-request Script Tests		Cookies Cod	e
	form-data form-urlencoded raw binary			
			Key-Value Edit	0
	<pre>formData:{"columns":{["column":"EMPLOYEE_DETAILS.AGE","label":"EMPLOYEE_DETAILS.AGE","id":"; {"dataType":"numeric", "backendDatatype":"java.lang.Integer"),"autogen_allas":"EMPLOYEE_DETAIL [("column":"EMPLOYEE_DETAILS.AGE","label":"EMPLOYEE_DETAILS.AGE","id":"gyu351f4elm", "type": {"dataType":"numeric", "backendDatatype":"java.lang.Integer"),"autogen_allas":"EMPLOYEE_DETAI [[25,36],"mdde":"auto","dataType":"numeric", "valuesMode":"auto","silterEditable:"false."eme atabaseFunction": {},"autoP:.Column":"EMPLOYEE_DETAILS.AGE","column":"EMPLOYEE_DETAILS.AGE","backendDataType":"java.la omFilterExpression":"S{0}","customHavingExpression":","options":{"limitEv":1808,"prependtat </pre>	<pre>yyu351f4elm","type": LLS_AGE"}],"state":{"col LLS_AGE"}],"filters":[{" closeInQuotes":false,"da ang.Integer","condition" cleNameToAlias":true}."y</pre>	umns": values": teTimeToggle":true,"d :"IS_BETWEEN"}],"cust isualisation":	8
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 1637 ms Size: 387 B	
	Pretty Raw Preview		ū	
	{"status":1,"response":{"uuid":"29d4282b-ae23-4acf-add4-9747f0d04e20.report"}}			

4.5.1.17 Adhoc report SaveAs:

URL	/services	
Description	It allows user to re-save the adhoc report.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request	POST	
Method		
Example		
•	Access through browser :	
	http://192.168.2.156:8085/m-ee//services	
	Access through Curl command :	
	curldata	
	"J_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report&ser	
	label': 'EMPLOYEE DETAILS AGE' 'id': 'gyu351f4e1m' 'type': {'dataType': 'numeric'	
	'backendDatatype':'iava.lang.Integer'}.'autogen_alias':'EMPLOYEE_DETAILS_AG	
	E'}],'state':{'columns':[{'column':'EMPLOYEE_DETAILS.AGE','label':'EMPLOYE	
	E_DETAILS_AGE','id':'gyu351f4e1m','type':{'dataType':'numeric','backendDatatype	
	':'java.lang.Integer'},'autogen_alias':'EMPLOYEE_DETAILS_AGE'}],'filters':[{'valu	
	es':[25,36],'mode':'auto','dataType':'numeric','valuesMode':'auto','isFilterEditable':fals	
	e, 'encloseInQuotes':false, 'dateTimeToggle':true, 'databaseFunction':{},'label':'EMPLO	
	YEE_DETAILS_AGE', 'column': 'EMPLOYEE_DETAILS.AGE', 'backendDataType':	
	java.lang.integer, condition: IS_BETWEEN }], customFilterExpression: \${0}, cust	

HTTP Request Key type:	omHavingExpression':",'options': {'limitBy':1000,'prependTableNameToAlias':true},' visualisation': {'type':'Table','chartGroup':",'selectedType':'Table','settings': {'script':nul l,'vizscriptsEditMultipleMode':false},'vizSelectedScripts':[]},'scripts':[],'styles':",'cust omStyles':",'customScripts':[]},'classifier':'db.generic','metadata': {'location':'1463377 807724/1463377836985','metadataFileName':'e9be6771-995b-40eb-a01c- 304857a100a1.metadata','metadataName':'Sample Travel MD','metadataDir':'HI Sample Reports/Adhoc 	
serviceType:	report	serviceType as report
service:	saveReport	service as saveReport
formData:	<pre>{"columns":[{"column":"EMPLOYEE_DE TAILS.AGE","label":"EMPLOYEE_DETA ILS_AGE","id":"gyu351f4e1m","type":{"d ataType":"numeric","backendDatatype":"ja va.lang.Integer"},"autogen_alias":"EMPLO YEE_DETAILS_AGE"}],"state":{"column s":[{"column":"EMPLOYEE_DETAILS_AG E","id":"gyu351f4e1m","type":{"dataType" :"numeric","backendDatatype":"java.lang.In teger"},"autogen_alias":"EMPLOYEE_DE TAILS_AGE"}],"filters":[{"values":[25,36] ,"mode":"auto","dataType":"numeric","valu esMode":"auto","isFilterEditable":false,"en closeInQuotes":false,"dateTimeToggle":true ,"databaseFunction":{},"label":"EMPLOYE E_DETAILS_AGE","column":"EMPLOYE E_DETAILS_AGE","backendDataType":"ja va.lang.Integer","condition":"IS_BETWEE N"}],"customFilterExpression":"\${0}","cus tomHavingExpression":"","options":{"limit By":1000,"prependTableNameToAlias":tru e},"visualisation":{"type":Table","chartGr oup":"","selectedType":"Table","chartGr oup":"","selectedScripts":[],"scripts":[]," styles":"","customStyles":"","customScripts ":[]},"classifier":"db.generic","metadata":{" location":1463377807724/1463377836985 ","metadataFileName":"e9be6771-995b- 40eb-a01c- 304857a100a1.metadata","metadataName": "Sample Travel MD","metadataDir":"HI Sample Reports/Adhoc Metadata","location":1507554717873","r eportName":"ReportSaveAs"}}</pre>	formData contains the report related information like columns ,filters,functions used ,metadata information, report name at different location instead of uuid stored etc.
Response	eportName":"ReportSaveAs"}} {"status":1 "response":{"uuid":"eeff5e	- -49-6f8a-4738-b15b-
Output(JSON	a0d688de0bc4.report"}}	

Format)			
Description of Response Output :	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status with unid of the report.		
Service Status	200 OK		
Screenshot	POST http://192.168.2.156:8085/hi-ee//services Params Authorization Headers (1) Body • Pre-request Script Tests • form-data *xwww-form-urlencoded • raw • binary !: "contention": "EMPLOYEE_DETAILS.AGE", "lauer:: "EMPLOYEE_DETAILS_AGE", "IO": "GYU35114010", "Cype": "filters [: "contention": "LawLow "Backendbatatype": "java.lang.Integer", "autogen_alias": "EMPLOYEE_DETAILS_AGE", "column": "SellerEditable": Talse, "necloseInguotes": falsa tabaseFunction": "institute", "datatype": "giava.lang.Integer", "autogen_alias": "EMPLOYEE_DETAILS_AGE", "location": false, "institute", "datatype": "java.lang.Integer", "conding: "institute", "datatype": "giava.lang.Integer", "conding: "institute", "datatype": "giava.lang.Integer", "conding: "("finitey": Table", "chartGroup": "soletedrype": "falses, "notatferoup": "soletoftype": "falses, "column": "Selectedscripte": "giava.lang.Integer", "conding: "("script": "ind).", "motatatatile.", "selectedscript": "giava.lang.Integer", "customst []), "script:": "log.script:": "giava.lang.integer", "customst []], "script:": "log.script:": "giava.lang.integer", "selectedscript:": "sample rawLow", "metadatata", "log.script:": "giava.lang.integer", "customst []], "script:": "log.script:": "giava.lang.intege	Send V C Kateriers: ("Values": ("dateTimeToggle" ion":"IS_BETWEEN"),"visualisation" les":"","customSc -995b-40eb-a01c- 00 OK Time: 28 ms	Save cookies Code ey-Value Edit :true, "d)], "cust : ripts": Size: 387 B

4.5.1.18 Get all files related to adhoc Report

URL	/services.html		
Description	The user will get scheduled report files related to adhoc report.		
Pre-requisite	User should have logged in before acces	ssing the service. [Refer login module]	
	If the user is not logged in then you will get	login page	
	I the user is not logged in their you will get	l logili page.	
Accessible for	ROLE_ADMIN		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8081/hi-ee/services.html		
	Access through Curl command :		
	curldata		
	"j username=hiadmin&j password=hiadmin&type=core&serviceType=dataS		
	ource&service=listing&formData={'metadataFileName':'9d95494f-a302-		
	4b45-880c-		
	9550bcb53e1a.metadata'.'classifier':'metadata'.'location':'1537767315139/154		
	4093880902'}" http://192.168.2.156:8081/hi-ee/services.html -v		
HTTP Request	HTTP Request Value	Description	
Key			
type:	core	type as core	
serviceType:	dataSource	serviceType as dataSource	

service:	listing	The service is to list the re	esources
		related to provide	d global
		datasourceID	
formData:	{"adhocReportFileName":"573da563-	adhocreportFile:name	of the
	8fda-45f8-b987-	metadata file.	
	ae6395977063.report","classifier":"re	Classifier :report	
	port"}	Ĩ	
Response	{"status":1,"response":{"sheduledReport":[{"shedule	dReportName":"1537767315139/15	544093880902/
Output(JSON	TestScheduledReport_1544102859086.efwsr", "report 205077062	tFileName":"573da563-8fda-45f8-b	987-
Format)	":"TestScheduledReport" }] }	.5159/1544095880902, sneduledK	eportFileIname
Description of	The response of the API is, it returns th	e success status value as 1	if it fails
Response	returns 0 as the status.		
Output:			
Service Status	200 OK		
Screenshot	 Get all files relate to Adhoc Report 		Examples (0) -
	POST V http://192.168.2.156:8081/hi-ee/services.html	Params Sen	d 🗸 Save 🗸
	Authorization Headers (1) Body Pre-request Script Tests		Code
	form-data x-www-form-urlencoded raw binary		
	Valle Automatik		Key-Value Edit
	type:core serviceType:dataSource service:listing		
	formData:{"adhocReportFileName":"573da563-8fda-45f8-b987-ae6395977063	<u>.report</u> ","classifier":"report"}	
	Body Cookies (10) Headers (4) Test Results	Statu	s: 200 OK Time: 4136 ms
	Pretty Raw Preview JSON V	(Q Save Response
	<pre>1 * { "status": 1, "response": { "sheduledReport": [</pre>	"estScheduledReport_1544102859086.efwsr", 063.report",	

4.5.2 Edit Report

Note : To edit any adhoc report you need to use below API , once the report get opened in edit mode to do any changes in report the API's are same as API's used in create adhoc report .You can refer API's from <u>Edit Report</u> to till report save/saveAS to do changes in report .

API to open adhoc report in Edit Mode :

URL	/services		
Description	It allows user toedit the adhoc report		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN , ROLE_USER		
HTTP Request	POST		
Method			
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//servio	ces	
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&type=adhoc&serviceType=report&ser vice=getReportForEdit&formData={'dir':'1463377807724/1463836339870/1463836 437421','file':'28662373-975b-439b-a8e8-449e5acd629b.report'}" http://192.168.2.156:8085/hi-ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	adhoc	Type of module	
serviceType:	report	serviceType as report	
service:	getReportForEdit	service as getReportForEdit	
formData:	{"dir":"1463377807724/146383633987 0/1463836437421","file":"28662373- 975b-439b-a8e8- 449e5acd629b.report"}	formData contains directory and the filename for edit	
Response Output(JSON Format)	{"status":1,"response":{Script information}}		
Description of Response Output :	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status with edited report details like column details.		
Service Status	200 OK		

Scroonshot				8	
Screenshot	POST V http://192.168.2.156:8085/hi-ee//services	Params	Send 🛛 🗡	Save	~
	Authorization Headers (1) Body Pre-request Script Tests			Cookies	Code
				Key-Value	Edit
	type:adhoc serviceType:report service:getReportForEdit formData:{"dir":"1463377807724/1463836339878/1463836437421","file":"28662373-975b-439b-a8e8-449e5acd6	i29b.report"}			<i>li</i>
	Body Cookies (5) Headers (7) Tests	Status: 200 OK	Time: 64 ms	Size: 6.7	2 KB
	Pretty Raw Preview				Ē
	{"status":1, "response": {"canvas": {"columns": {"column": "TRAVELDETAILS.TRAVEL_DATE", "label": "TRAVELDETAILS_TRAVEL_DATE", "id". "23wp {"dataType": "dateTime", "backendDatatype". 'java sql.Timestamp"}, "autogen_alias". "TRAVELDETAILS_TRAV ["db generic groupBy group"]. "databaseFunction": {"key"."sql.date.monthyear", "description": "Displays month a year", "signature". "CAST(month(\$ {column}) AS CHAR(20)]] '- CAST(YEAR(\$ {column}) AS CHAR(20)]] {"autogen_"."column", "defaultValue"."0", "value": "TRAVELDETAILS.TRAVEL_DATE", "column", "travell, "autogen_"."databasefunction", "label": "TRAVELDETAILS_TRAVEL_DATE", "id"."0ot5gs	7czj1ev", "type" VEL_DATE", "g nd year ", "valu "parameters": ':"Month-Year" sywv6wd", "type	roupBy": =":"month- }.		

5. Dashboard Designer Module

Dashboard designer provides interpanel communication. With dashboard designer user can view collection of different reports in a single canvas, these reports can be in different forms like Table, Charts, and Map etc. It provides customization and some additional components are available in dashboard designer.

Dashboard designer page : <u>http://192.168.2.156:8085/hi-ee/designer.html</u>

5.1 Create Dashboard

To create dashboard using designer there are only following API's:

- 1. Refresh repository
- 2. Save Dashboard

3. SaveAs Dasboard

5.1.1 Refresh Repository

This API refresh the repository by which we can add updated/new reports(with extension as efw and report) to dashboard.

URL	/getResources?extensions=%5B%22report%22%2C%22efw%22%5D
Description	Loads all the efw reports and the adhoc reports resources i.e file system whichever is accessible to the logged in user. It will show you the all efw report and the adhoc reports resources related details like its subfolder , name ,fileType,permission etc.
Pre-requisite	User should have logged in before accessing the service.[Refer login module]
	If the user is not logged in then you will get login page.
Accessible for	ROLE_USER, ROLE_ADMIN
HTTP Request Method	GET
Example	Access through browser :
	<u>http://192.168.2.156:8085/hi-</u> <u>ee//getResources?extensions=%5B%22report%22%2C%22efw%22%5D</u>
	Access through Curl command :
	curldata "j_username=hiadmin&j_password=hiadmin&extensions=%5B%22report%22 %2C%22efw%22%5D" http://192.168.2.156:8085/hi-ee//getResources -v
Response Output(JSON Format)	<pre>[</pre>

	"options": { "selectable": "true" }, "lastModified": "1508823219000", "type": "folder" }]	
Description of Response Output:	 The response returned is the JSON array of all efw report and the adhoc report resources having the different paths of the repository , its permission(<u>Click for more details</u>) , name of the folder , lastmodified timestamp , type etc. It returns the children array which is the sub-folder/file of the path having all details(name,type,title,path) related to children file/folder. PermissionLevel: This key have the permission of the resource for the respective user. lastModified holds the timestamp information for the file/folder when it was last modified/access. Path holds the physical name of the file/folder. 	
Service Status	200 OK	
Screenshot	GET v http://192.168.2.156:8085/hi-ee//getResources?extensions=%58%22report%22%2C%22efw%22%5D Params Send V Save V Authorization Headers Body Pre-request Script Tests Cookies Cookies Cookies Cookies Type No Auth V V V V V V	
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 230 ms Statu: 109.88 KB Pretty Raw Preview HTML Image: Test (1) Test (1) Test (1)	

5.1.2 Save Dashboard

Note : While dashboard creation we can add different available components to it according to components the requested form data will get change, so after creation of dashboard we can save it, to save dashboard use below API.

URL	/services	
Description	It allows user to save the created dashboard.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module]	
	If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request Method	POST	
Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	curldata j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceType=efwdd&service=designer&fo rmData={"htmlString":" <div class='\"col-md-12' col-sm-12="" col-xs-12="" dashboard-grid\"=""><div class='\"grid-<br'>stack\" data-gs-width=\"12\"><div class='\"grid-stack-item\"' data-gs-id='\"ymwxowsikt\"' data-gs-x='\"0\"<br'>data-gs-y=\"0\" data-gs-width=\"6\" data-gs-height=\"16\"><div class='\"grid-stack-wrapper\"' data-comp-<br="">type=\"Adhoc\"><div class='\"component-title\"'>Destination wise monthly travel expense</div><div class=\"component-container\" id=\"ymwxowsikt\"></div </div></div>data-gs-id=\"zcmqnpyms5l\" data-gs-x=\"6\" data-gs-y=\"0\" data-gs-width=\"6\" data-gs- height=\"16\"><div class='\"grid-stack-wrapper' data-comp-<br="" hi-parameter-component\"="">type=\"DatePicker\"><div class='\"grid-stack-wrapper' data-comp-<br="" hi-parameter-component\"="">type=\"DatePicker\"><div class='\"grid-stack-wrapper' data-gs-<br="" hi-parameter-component\"="">height=\"16\"><div class='\"component-title\"'>Date</div><div class='\"component-container\"<br'>id=\"zcmqnpyms5l\"></div></div></div></div>height=\"16\"><div class='\"grid-stack-wrapper' data-comp-<br="" hi-parameter-component\"="">type=\"DatePicker\"><div class='\"grid-stack-wrapper' data-comp-<br="" hi-parameter-component\"="">type=\"DatePicker\"><div class='\"component-title\"'>Date</div></div></div></div></div>	

	class=\"component-container\" id=\"9n6o76moyw\">\$gridStackCSSGenerator(12, \"hi-gridstack\");stack\").data(\"gridstack\");\n dashboard.setGridWidth(options) return;\n\n if (typeofgs.setGridWidth(options.width);\n \$.gridgridstack\");\n \n\n if (typeof options.gs.verticalMargin(options.verticalMargin);\n\"undefined\") {\n var marginStyles = doif (!marginStyles) {\n marginStyles = domarginStyles.type = \"text/css\";\n mar\"hi-gridstack-margins\";\ndocument.getElementsByTagName(\"head\")[0= \".grid-stack.grid-stack-item_grid-stack-wrapoptions.horizontalMargin + \";\" +\n \+ options.horizontalMargin + \";\" +\n \+ options.horizontalMargin + \";\" +\n \+ options.horizontalMargin + \";\" +\n \f(typeof options.cellHeight !== \"undefined\")gs.cellHeight(options.cellHeight):\n \n \n \]gs.cellHeight(options.cellHeight):\n \n \n \]["February\"]);\nDashboard.setVariable(\"Month N[\"February\"]);\n\nDashboard.setVariable(\"Month N[\"February\"]);\n\nDashboard.setVariable(\"Month N[\"February\"]);\n\nDashboard.setVariable(\"Month N[\"February\"]);\n\nDashboard.setVariable(\"Month N[\"February\"]);\n\nDashboard.setVariable(\"Month N[\"February\"]);\n\nDashboard.setVariable(\"Month N[\"February\"]);\n\nDashboard.setVariable(\"Month N[\"Tegeuse\","executeAtStart\":true,\"Itmgl\",\"iat\"#poidol_5.0_Logo.png',\"id\":\"isparameters	<pre>>>/div>\n<script></script></pre>
--	---	--

formData:	{"htmlString":" <div class='\"col-md-12' col-<br="">sm-12 col-xs-12 dashboard-grid\"><div< th=""><th>Formdata contains the dashboard html contents and the component array with all</th></div<></div>	Formdata contains the dashboard html contents and the component array with all
	class=\"grid-stack\" data-gs-	the added components to it with location of
	width=\"12\"> <div class='\"grid-stack-item\"</td'><td>the added components to it with location of</td></div>	the added components to it with location of
	data-gs-1d=\"ymwxows1kt\" data-gs-x=\" 0 \"	dashboard file and the file name.
	data-gs-y= $\0\$ data-gs-widtn= $\0\$ data-gs-	
	neight=\"16\"> <div class='\"grid-stack-</td'><td></td></div>	
	alass=\"acmpanent titla\">Destination wisa	
	monthly travel expense // div// div	
	class=\"component-container\"	
	id=\"ymwxowsikt\"> <td></td>	
	class=\"grid-stack-item\" data-gs-	
	id=\"zcmqnpyms51\" data-gs-x=\"6\" data-gs-	
	$y=\"0\" data-gs-width=\"6\" data-gs-$	
	height=\"16\"> <div class='\"grid-stack-</td'><td></td></div>	
	wrapper hi-parameter-component\" data-	
	comp-type=\"DatePicker\"> <div< td=""><td></td></div<>	
	class=\"component-title\">Date <td></td>	
	id=\"zemanpyms5l\">	
	v class=\"grid-stack-item\" data-gs-	
	$id=\"9n6076moyw\" data-gs-x=\"0\" data-gs-$	
	$y=\"16\" data-gs-width=\"6\" data-gs-$	
	height=\"16\"> <div class='\"grid-stack-</td'><td></td></div>	
	wrapper hi-parameter-component\" data-	
	comp-type=\"Image\"> <div< td=""><td></td></div<>	
	class=\"component-title\">Logo <div< td=""><td></td></div<>	
	$d = \frac{1}{2} - $	
	$du = \sqrt{9100}/0100 \text{ yw} \approx 200 \text{ yw} \approx 200 \text{ yw}$	
	$n() \{n(x), n(x), n(x),$	
	cellHeight: \"10px\", verticalMargin: \"10px\",	
	staticGrid: true});\n	
	<pre>\$.gridStackCSSGenerator(12, \"hi-</pre>	
	gridstack\");\n\n_var dashboard = Dashboard	
	$\ \{ \}, n gs = (:, grid-$	
	$stack^{"}$.data(\"gridstack\");\n	
	$l_n = if (l_isObject(options))$ return: l_n	
	if (typeof options width $==$ \"number\") {\n	
	gs.setGridWidth(options.width):\n	
	\$.gridStackCSSGenerator(options.width, \"hi-	
	gridstack\"); $n $ $n n $ if (typeof	
	options.verticalMargin !== \"undefined\") {\n	
	gs.verticalMargin(options.verticalMargin);\n	
	n^{n} if (typeof antiona horizontal Margin $1 - \frac{1}{2}$	
	$\left(\sum_{n=1}^{\infty} \frac{1}{n} \right)$	
	document getElementBvId(\"hi-gridstack-	
	margins\"):\n\n if (!marginStyles) {\n	
	marginStyles =	
	document.createElement(\"style\");\n	
	marginStyles.type = \"text/css\";\n	
	marginStyles.rel = \"stylesheet\";\n	
	marginStyles.id = $\n = \n = n = n = n = n = n = n = n = n $	
	0] appendChild(marginStyles).	
	var css = \".grid-stack.grid-stack-item grid-	
	stack-wrapper {\" +\n \"margin:\" +	
	options.horizontalMargin + \";\" +\n	
	\"width: calc(100% - \" +	
	options.horizontalMargin + $\ - \ +$	
	options.horizontalMargin+ \");\" +\n	

\"\\":\n\n marginStyles textContent -	
(f), (f) marginistyles.textcontent =	
$css; n $ } $n n $ if (typeof	
options.cellHeight $!== \"undefined"$ {\n	
gs.cellHeight(options.cellHeight);\n }\n	
}.\n\n\$(\" <style_id='hi-designer-< td=""><td></td></style_id='hi-designer-<>	
styles < (style)") append To(("head)")) nDash	
styles / style /).append 10(\ head\)\indash	
board.set Variable($\langle "Y ear \rangle"$,	
[\"2015\"]);\nDashboard.setVariable(\"Month	
Name\".	
[\"'February'\"]).\n\nDashboard init([{\"type\".	
\"adbac\" \"options\": {\"dir\":\\"146337780772	
4\\u002F1463378012748*,*file*:*e211af96	
-d633-4dc7-9460-	
3612970317fd.report\",\"ext\":\"report\"},\"uid	
\":\"vmwxowsikt\".\"name\":\"vmwxowsikt\".\	
"label\".\"Destination wise monthly travel	
autory . [Destination wise monthly traver	
ntId\":\"#ymwxowsikt\"},{\"parameters\":null,	
\"name\":\"zcmqnpyms5l\",\"uid\":\"zcmqnpy	
ms5l\",\"label\":\"Date\",\"requestParameters\"	
:{},\"executeAtStart\":\"\",\"type\":\"datepicke	
r\".\"options\":{\"displayFormat\":\"DD\\u002	
FMM\\u002EVVV\" \"output Format\".\"\"	
$\label{eq:linear} = 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1$	
<pre>\"http:///image/"http:///////////////////////////////////</pre>	
e\`:\`image\`,\`options\`:{\`src\`:\`nttps:\\u00	
2F\\u002Fwww.webstix.com\\u002Fwp-	
content\\u002Fuploads\\u002F2017\\u002F01\	
\u002FGoogle_Chrome_for_Android-	
Android 5.0 Logo.png\",\"id\":\"img1\",\"alt	
\".\"\"\"boxComp\".\"Image\" \"boxPx\".\"\"	
"howColor/":/"#EEEEEE/" /"hgOppoity/":/"0 1/	
},\ uid\ :\ 9noo/omoyw\ ,\ name\ :\ 9noo/o	
moyw\",\"executeAtStart\":\"\",\"requestPara	
meters\":{ },\"label\":\"Logo\",\"htmlElementI	
d\":\"#9n6o76moyw\"}]);\n\n});","sta	
te":{"variables":[["Year".["2015"]].["Month	
Name" ["'February"']]] "components"·{ "vmwx	
owsikt": ("motodate": ("nome": "Destination	
owsikt . { includia . { name . Destination	
wise monthly travel	
expense"},"type":"dashboard-	
component","options":{"dir":"1463377807724	
/1463378012748","file":"e211af96-d633-	
4dc7-9460-	
3612970317fd report" "ext"·"report" "compTy	
pe":"Adhoe" \"uid":"umuvouwikt" "nome":"	
pe . runoe j, unu . ymwrowsikt , name . y	
inwowsikt, laber : Destination wise	
montniy travel	
expense","executeAtStart":true,"gs_attr":{"x":	
0,"y":0,"height":16,"width":6}},"zcmqnpyms	
5l":{"gs_attr":{"x":6,"y":0,"height":16,"width	
":6},"parameters":null."name":"zcmanpvms51	
" "uid"·"zcmannyms51" "label"·"Date" "reques	
tParameters" {} "avacute At Start"."" "type"."d	
ashboord	
asinovard-	
component, options :{ compType :: DatePic	
ker","displayFormat":"DD/MM/YYYY","outp	
utFormat":""}},"9n6o76moyw":{"type":"dash	
board-	
component", "options": { "compType": "Image".	
"src":"https://www.webstix.com/wp-	
content/unloads/2017/01/Google Chrome for	
Android_	
_Android_5.0_Logo.png ⁺ , ¹ d ⁺ : ¹ mg ⁺ , ^{alt⁺} : ^m	
, "boxComp": "Image", "boxPx":"", "boxColor":	

	"#FFFFFF","bgOpacity":"0.1"},"uid":"9n6o76 moyw","name":"9n6o76moyw","executeAtSta rt":"","requestParameters":{},"label":"Logo"," gs_attr":{"x":0,"y":16,"height":16,"width":6} }},"css":"","script":""},"dir":"1508770339608 ","fileName":"DashboardSave"}	
Response Output(JSON Format)	{ "status":1,"response":{"uuid":"b8d6f85e-ab65-4970-b1e6- 862ee7bafcba.efwdd","message":"Design is saved successfully"} }	
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message with generated uuid for dashboard.	
Service Status	200 OK	
Screenshot	POST ∨ http://192.168.2.156:8085/hi-ee//services Authorization Headers (1) Body ● Pre-request Script Tests form-data x-www-form-urlencoded raw binary Authorization Headers Headers Headers Body ● Pre-request Script Tests Body ● Pre-request Script Tests Headers Tests Tests 	Params Send V Save V Its Cookies Code
	type:dashboard serviceType:efwdd serviceType:efwdd serviceType:efwdd serviceType:efwdd class=\"grid-stack.item\" data-gs-id=\"ymwxcwsikt\" data-gs-x= class=\"grid-stack.item\" data-gs-id=\"ymwxcwsikt\" data-gs-x class=\"grid-stack.wrapper\" data-gs-ptpe=\"Adhoc\">~div <br xc\"6\" data-gs-y=\"0\" data-gs-width\"6\" data-gs-height<\"1 type=\"DatePicker\">~div <br class=\"grid-stack.wrapper\" componet-title\">abac-cdiv <br xc\"6\" data-gs-y=\"0\" data-gs-id=\"ondoremov\" data- class=\"grid-stack.item\" data-gs-id=\"ondoremov\" data- class=\"grid-stack.wrapper\" componet-title\">abac-cdiv <br xc\"6\" data-gs-y=\"0\" data-gs-id=\"ondoremov\" data- class=\"grid-stack.wrapper\" componet-title\">abac-cdiv <br yme:\"DatePicker\">abac-cdiv <br class=\"grid-stack.wrapper\" componet-title\">abac-cdiv <br class=\"grid-stack.wrapper\" componet-title\">abac-cdiv <br yme:\"DatePicker\" class=\"grid-stack.wrapper\" componet-title\">abac-comp- Body Cookles(5) Headers(7) Tests Pretty Raw Preview {"status":1,"response":{"uuid":"b&d6f85e-ab65-4970-b1e6-862ee7b	Key-Value Edit -xs-12 dashboard-grid\"> <div class='\"grid-stack\"' data-gs-width='\"12\"'><div x=\"0\" data-gs-y=\"0\" data-gs-width=\"6\"><div lass=\"component-title\">obstination wise monthly travel expense</div </div </div> <div <div class="\"grid-stack.tem'" data-gs-<br="" data-gs-id='\"zcmgnyms5l\"'>"16\"><div cass-\"grid-stack.tem'<br="">-div_class=\"grid-stack.tem' -div_class=\"component-container\" id=\"Zcmgnyms5l\" data-gs- ediv class=\"component-container\" id=\"Zcmgnyms5l\" data-gs- ediv<class=\"component-container\" data-gs-height='\"16\"' id='\"Zcmgnyms5l\"'><div -zvp=\"imade\"><div class='\"component-container\"' data-gs-height='\"16\"' id='\"Zcmgnyms5l\"'><div -zvp=\"imade\"><div class='\"component-container\"' data-gs-height='\"16\"' id='\"Zcmgnyms5l\"'><div -zvp=\"imade\"><div class='\"component-container\"' data-gs-height='\"16\"' id='\"Zcmgnyms5l\"'><div -zvp=\"imade\"><div class='\"component-container\"<br'>Status: 200 OK Time: 124 ms Stee: 427 B </div></div //bafcba.efwdd","message":"Design is saved successfully"}}</div></div </div></div </div></div </class=\"component-container\"></div></div></div

5.1.3 SaveAs Dashboard

URL	/services					
Description	It allows user to re-save the existing dashboard					
Pre-	User should have logged in before accessing the service. [Refer login module]					
requisite	If the user is not logged in then you will get login page.					
Accessible for	ROLE_ADMIN, ROLE_USER					
HTTP Request Method	POST					
Example	Access through browser :					
	http://192.168.2.156:8085/hi-ee//services					
	Access through Curl command :					
	curldata 'j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceType=efwdd&service=designer&form Data={"htmlString":" <div class='\"col-md-12' col-ss-12="" dashboard-grid\"=""><div class='\"grid-stack\"<br'>data-gs-width=\"12\"><div class='\"grid-stack-item\"' data-gs-<br="" data-gs-id='\"ymwxowsikt\"' data-gs-x='\"0\"'>y=\"0\" data-gs-width=\"6\" data-gs-height=\"16\"><div class='\"grid-stack-wrapper\"' data-comp-<br="">type=\"Adhoc\"><div class='\"component-title\"'>Destination wise monthly travel expense</div><div class=\"component-container\" id=\"ymwxowsikt\"></div </div></div></div></div> gs-id=\"zcmqnpyms5l\" data-gs-x=\"6\" data-gs-y=\"0\" data-gs-width=\"6\" data-gs-height=\"16\"> <div class=\"grid-stack-wrapper hi-parameter-component\" data-comp-type=\"DatePicker\"><div class=\"grid-stack-wrapper hi-parameter-component\" data-comp-type=\"DatePicker\"><div class=\"grid-stack-wrapper hi-parameter-component\" data-comp-type=\"DatePicker\"><div class=\"grid-stack-wrapper hi-parameter-component-container\" id=\"zcmqnpyms5l\" data-gs-width=\"6\" data-gs-height=\"16\"><div class=\"grid-stack-wrapper hi-parameter-component-container\" id=\"zcmqnpyms5l\" data-gs-width=\"6\" data-gs-height=\"16\"><div class=\"grid-stack-wrapper hi-parameter-component-container\" id=\"zcmqnpyms5l\" data-gs-width=\"6\" data-gs-height=\"16\"><div class=\"grid-stack-wrapper hi-parameter-component\" data-comp-type=\"DatePicker\"><div class=\"grid-stack-wrapper hi-parameter-component-container\" id=\"zcmqnpyms5l\" data-gs-width=\"6\" data-gs-height=\"16\"><div class=\"grid-stack-wrapper hi-parameter-component-container\" id=\"2cmqnpyms5l\" data-gs-width=\"6\" data-gs-height=\"16\"><div class=\"grid-stack-wrapper hi-parameter-component-container\" id=\"2cmqnpyms5l\" data-gs-width=\"6\" data-gs-height=\"16\"><div class=\"grid-stack-wrapper hi-parameter-component-container\" id=\"9n6o76moyw\"></div </div </div </div </div </div </div </div </div </div </div 					

	stack\").dta(\"gridstack\"):\n dashboard.setGridOptions = functi return;\n\n if (typeof options.width === \"number\") {\n \$.gridStackCSSGenerator(options.width, \"hi-gridstack\");\n options.verticalMargin !== \"undefined\") {\n document.getElementById(\"hi-gridstack-margins\");\n\n = document.createElement(\"style\");\n marginStyles.typ = \"stylesheet\";\n marginStyles.id = \"hi-gridstack-marg document.getElementByTagName(\"head\")[0].appendChild(ma \".grid-stack.grid-stack-item.grid-stack-wrapper {\" +\n \";\" +\n \"\width: calc(100% - \" + options.horizontalMa \".;\" +\n \"\\";\n\n marginStyles.textContent = css;\ options.cellHeight !== \"undefined\") {\n gs.cellHeight(opt id=hi-designer-styles>\").appendTo(\"head\").IDashboard [\"2015\"]);\nDashboard.setVariable(\"Month Name\", [\"February\"]);\n\nDashboard.init([{\"type\":\"adhoc\",\"options\" 012748\",\"file\".''e211af96-d633-4dc7-9460- 3612970317fd.report\",\"ext\":\"report\"},\"uid\":\"ymwxowsky pyms51\",\"uid\":\"zcmqnpyms51\",\"tabel\":\"Date\",\"options\"(\"sr \u002Fwp-content\u002Fuploads\u002F2017\u002F01\u002F0M\u002 FefFF\"bgOpacity\":\"0.1\"},\"timlElementId\":\"#ymwxowsky pyms51\",\"uid\":\"zcmqnpyms51\",\"timg1\",\"adhoc\",\"options\"(\"sr \u002Fwp-content\u002Fuploads\u002F2017\u002F01\u002F01\u002F0 _Android_5.0_Logo.png\",\"id\":\"img1\",\"adh\":\"\",\"boxComp\" FFFFF\"bgOpacity\":\"146337807724/1463378012748", 3612970317fd.report\",\ext:"report\", "cmpT24/1463378012748\", 3612970317d1.report\",\ext:"report\", "cmpT24/1463378012748\", 3612970317d1.report\", ext:":\"report\", "	<pre>ion(options) {\n if (!isObject(options)) gs.setGridWidth(options.width);\n }\n\n if (typeof argin(options.verticalMargin);\n }\n\n var marginStyles = f (!marginStyles) {\n marginStyles.rel ins\";\n rginStyles);\n }\n\n var css = \"margin:\" + options.horizontalMargin + rgin + \" - \" + options.horizontalMargin + rgin + \" - \" + options.horizontalMargin + n }\n\n if (typeof ions.cellHeight);\n }\n };\n\n\$(\"<style ":{\"dir\":\"1463377807724\\u002f1463378="" 2fyyyy\",\"outputformat\":\"\",\"type\":\"="" 76moyw\"}]);\n\n});<="" 9n6o76moyw\",\"executeatstart\":\"\",\"req="" \\"name\":\"ymwxowsikt\",\"label\":\"destina="" d.setvariable(\"year\",="" ikt\"},{\"parameters\":null,\"name\":\"zcmqn="" neters\":{},\"executeatstart\":\"\",\"type\":\"="" pre=""></style></pre>
--	--	---

title\">Destination wise monthly travel expense <div< th=""><th></th></div<>	
class=\"component-container\"	
id=\"ymwxowsikt\"> <td></td>	
item\" data-gs-id=\"zcmqnpyms5l\" data-gs-x=\"6\" data-gs-	
$y=\"0\" data-gs-width=\"6\" data-gs-height=\"16\">$	
class=\"grid-stack-wrapper hi-parameter-component\" data-	
comp-type=\"DatePicker\"> <div class='\"component-</td'><td></td></div>	
title\">Date <div class='\"component-container\"</td'><td></td></div>	
id=\"zcmqnpyms5l\"> <td></td>	
stack-item\" data-gs-id=\"9n6o76moyw\" data-gs-x=\"0\" data-	
gs-y= $"16"$ data-gs-width= $"6"$ data-gs-height= $"16"$ div	
class=\"grid-stack-wrapper hi-parameter-component\" data-	
comp-type=\"Image\"> <div class='\"component-</td'><td></td></div>	
title\">Logo <div class='\"component-container\"</td'><td></td></div>	
id=\"9n6o76moyw\">	
>\$(document).ready(function(){\n\$(\".grid-	
stack\").gridstack({width: 12, cellHeight: \"10px\",	
verticalMargin: \"10px\", staticGrid: true});\n	
<pre>\$.gridStackCSSGenerator(12, \"hi-gridstack\");\n\n var</pre>	
dashboard = Dashboard $ $ {},\n gs = $(::grid-$	
<pre>stack\").data(\"gridstack\");\n dashboard.setGridOptions =</pre>	
function(options) {\n if (!isObject(options)) return;\n\n	
if (typeof options.width === \"number\") {\n	
gs.setGridWidth(options.width);\n	
\$.gridstackCSSGenerator(options.width, \ ni-	
gridstack $(;)$ $(n) (n)$ if (typeof	
options.verticalMargin $:= \ \ underlined \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	
gs. verticalities for β and	
var margin Styles – document get Element Byld(\"hi-gridstack-	
margins!").\n\n if (ImarginStyles) {\n	
marginStyles = document createElement($\$ tyle $)$).	
marginStyles.type = \"text/css\":\n marginStyles.rel =	
$\"stylesheet":\n marginStyles.id = \"hi-gridstack-$	
margins\";\n	
document.getElementsByTagName(\"head\")[0].appendChild(m	
$\operatorname{arginStyles};$ $\lambda = \lambda^{".grid-stack.grid$	
stack-item .grid-stack-wrapper {\" +\n \"margin:\" +	
options.horizontalMargin + $\''$, width:	
calc(100% - \" + options.horizontalMargin + \" - \" +	
options.horizontalMargin+ \");\" +\n \" $\ \$	
marginStyles.textContent = css; \n } \n if (typeof	
options.cellHeight !== \"undefined\") {\n	
gs.cellHeight(options.cellHeight); $\n \$ } $\n \$	
id='hi-designer-	
styles >\").appendTo(("head\")\nDashboard.setVariable(\	
"Year\", $[(2015)];$ nDashboard.set Variable(("Month Name\",	
$[\ February]; n\ Dashboard.init([{ type : \ adnoc option o$	
s\":{\"dir\":\"14633/780/724\\u002F1463378012748\",\"file\":\"	
e211a190-d055-4dc/-9400- 2612070217fd report/"/"out/"/"report/") /"wid/"//"/"report/"	
"\"nemo\": "umuxovsilt\" \"lehol\"; "Destination vise monthly	
travel	
expense\" \"executeAtStart\".true \"htmlFlementId\".\"#vmwy.ow	
sikt/"}.{\"parameters\":null.\"name\":\"zcmanpvms51\" \"uid\"·\"	
zcmonpyms51\".\"label\":\"Date\".\"requestParameters\":{}.\"exe	
cuteAtStart/":/"\",/"type\":/"datepicker/"./"options\":{\"displayFo	
rmat\":\"DD\\u002FMM\\u002FYYY\".\"outputFormat\":\"\"}.	
\"htmlElementId\":\"#zcmqnpyms51\"},{\"type\":\"image\".\"opti	
ons\":{\"src\":\"https:\\u002F\\u002Fwww.webstix.com\\u002Fw	
p-	
content\\u002Fuploads\\u002F2017\\u002F01\\u002FGoogle_Ch	
rome_for_Android-	
_Android_5.0_Logo.png\",\"id\":\"img1\",\"alt\":\"\",\"boxComp	

	<pre>\":\"Image\",\"boxPx\":\""boxColor\":\"#FFFFF\",\"bgOpaci ty\":\"0.1\"},\"uid\":\"9n6o76moyw\",\"name\":\"9n6o76moyw\", \"executeAtStart\":\"\",\"requestParameters\":{},\"label\":\"Logo\ ",\"htmlElementId\":\"#9n6o76moyw\"}]];\n\n});","stat e":{"variables":[["Year",["2015"]],["Month Name",["February"]]],"components":{"ymwxowsikt":{"metadat a":{"name":Destination wise monthly travel expense"},"type":"dashboard- component","options":{"dir":"1463377807724/1463378012748" ,"file":"e211af96-d633-4dc7-9460- 3612970317fd.report","ext":"report","compType":"Adhoc"},"ui d":"ymwxowsikt","name":"ymwxowsikt","label":"Destination wise monthly travel expense","executeAtStart":true,"gs_attr":{"x":0,"y":0,"height":1 6,"width":6}},"parameters":null,"name":"zcmqnpyms51","uid":"z cmqnpyms51","label":"Date","requestParameters":{},"executeAt Start":"","type":"dashboard- component","options":{"compType":"DatePicker","displayForm at":"DD/MM/YYYY","outputFormat":""}},"9n6o76moyw":{"ty pe":"dashboard- component","options":{"compType":"DatePicker","displayForm at":"DD/MM/YYYY","outputFormat":""}},"9n6o76moyw":{"ty pe":"dashboard- component","options":{"compType":"Image","src":"https://ww w.webstix.com/wp- content/uploads/2017/01/Google_Chrome_for_Android- _Android_5.0_Logo.png","id":"img1","alt":"","boxComp":"Ima ge","boxPx":"","boxColor":#FFFFFF","bgOpacity":0.1"},"uid ":"9n6o76moyw","name":"Dos";"cript":"],"dir":"150884678351 8","fileName":"DashboardSaveAs"}</pre>	
Response Output(JSO N Format)	{ "status":1,"response":{"uuid":"0512858b-79 ce472704fdaa.efwdd","message":"Design is }	048-4a2c-956e- saved successfully"}
Description of Response Output:	The response of the API is , it returns the success 0 as the status. It returns response as the success message with ge	status value as 1 if it fails returns enerated uuid for dashboard.
Service Status	200 OK	
Screenshot	POST Page // 192 108 2 136 000 90 to an // a	Parama and Carlos and

5.2 Edit Dashboard

Page : http://192.168.2.156:8085/hi-ee/designer-edit.html

Note : Below API is to select dashboard file which you want to edit .So after that you can do changes in dashboard file and <u>save file /saveAs file</u>

Fetch

URL	/services				
Description	It allows user to edit the existing dashboard using dashboard designer.				
Pre-requisite	User should have logged in before acces module]	ssing the service.[Refer login			
	If the user is not logged in then you will get	login page.			
Accessible for	ROLE_ADMIN, ROLE_USER				
HTTP Request Method	POST				
Example	Access through browser :				
	http://192.168.2.156:8085/hi-ee//service	S			
	Access through Curl command :				
	curldata 'j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceTy pe=efwdd&service=fetch&formData={"dir":"1508770339608","file":"b8 d6f85e-ab65-4970-b1e6-862ee7bafcba.efwdd"}' http://192.168.2.156:8085/hi-ee//services -v				
HTTP Request Key	HTTP Request Value Description				
type:	dashboard Type as adhoc dashboard				
serviceType:	efwdd Servicetype as efwdd				
service:	fetch Service to fetch dashboard designer for edit.				
formData:	{"dir":"1508770339608","file":"cbc8aFormdata contains the dashboar246-18f2-4c42-8355-file name and the directory of1b28345c8797.efwdd"}file to edit the dashboard .				

Response Output(JSON	{"status":1,"response":{"state":{"variables":[["Year",["2015"]],["Month Name",["'February"']]],"components":{"ymwxowsikt":{"metadata":{"name":"Destination wise monthly travel expense"},"type":"dashboard-
Format)	component", "options": {"dir": "1463377807724/1463378012748", "file": "e211af96-d633-4dc7-
	3400- 3612970317fd.report", "ext": "report", "compType": "Adhoc" }, "uid": "ymwxowsikt", "name": "ymwx owsikt", "label": "Destination wise monthly travel
	expense","executeAtStart":true,"gs_attr":{"x":0,"y":0,"height":16,"width":6}},"zcmqnpyms5l":{" gs_attr":{"x":6,"y":0,"height":16,"width":6},"parameters":null,"name":"zcmqnpyms5l","uid":"zc
	mqnpyms51","label":"Date","requestParameters":{},"executeAtStart":"","type":"dashboard- component","options":{"compType":"DatePicker","displayFormat":"DD/MM/YYYY","outputFor
	component", "options":{"compType":"Image", "src":"https://www.webstix.com/wp- content/uploads/2017/01/Google Chrome for Android-
	_Android_5.0_Logo.png","id":"img1","alt":"","boxComp":"Image","boxPx":"","boxColor":"#FFF FFF","bgOpacity":"0.1"},"uid":"9n6o76moyw","name":"9n6o76moyw","executeAtStart":"","requ estParameters":{},"label":"Logo","gs_attr":{"x":0,"y":16,"height":16,"width":6}}},"css":"","script

	":""},"reportName":"DashboardSave"}}			
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the details of variables, components used in dashboard alog with name of dashboard file.			
Service Status	200 OK			
Screenshot	POST http://192.168.2.156:8085/hi-ee//services Params Send Authorization Headers (1) Body • Pre-request Script Tests form-data x-www-form-urlencoded raw binary type: dashboard service:fetch formData: ("dir": "1508770339608", "file": "b8d6f85e-ab65-4970-b1e6-862ee7bafcba.efwdd") file": "b8d6f85e-ab65-4970-b1e6-862ee7bafcba.efwdd") file": "b8d6f85e-ab65-4970-b1e6-862ee7bafcba.efwdd") file": "b8d6f85e-ab65-4970-b1e6-862ee7bafcba.efwdd") file": "b8d6f85e-ab65-4970-b1e6-862ee7bafcba.efwdd") 			
	Body Cookies (5) Headers (7) Tests Status: 200 OK Time: 1 Pretty Raw Preview {"status":1,"response"; ("state"; ("variables"; [["Year", ["2015"]], ["Month Name", ["February"]]], "components"; ("ymwxowsikt"; {"metal ("name"; "Destination wise monthly travel expense"), "type"; "dashboard-component", "options"; ["dri", "146337780724/1463378012748", "file"; "e211af96-d633-4dc7-9460- 3612970317fd.report", "ext"; "report", "compType"; "Adhoc"}, "uid"; "ymwxowsikt", "name"; "ymwxowsikt", "label"; "Destination wise mot expense", "executeAtStart"; true, "gs_attr"; {"x:"0, y": 0, "height":16, "width":6}, "zcmqnpyms51"; {"gs_attr"; {"x', 5', "y": 0, "height":16, "width":6}, "parameters"; mull, "name"; "zcmqnpyms51", "label"; "Date", "requestParameter {}, "executeAtStart"; "rupe"; "dashboard-component", "options";			

6. DASHBOARD

Dashboard APIs are accessible in HI module, Designer module and Instant BI.

Needed JS files

- jquery.js
- bootstrap.js
- backbone.js
- moment.js
- jquery-ui.js
- d3.js
- daterangepicker.js
- select.js
- gridstack.js
- c3.js
- H3.js
- validator.js
- dashboard.js

- hdiui.js
- utilities.js
- user_utils.js
- tooltip.js
- file-browser.js

6.1 Dashboard Components

The components that are available to use are:

- 1. Button
- 2. Charts
- 3. Custom
- 4. Date Picker
- 5. Date-Range Picker
- 6. Select
- 7. Select2
- 8. Adhoc
- 9. Text
- 10. Slider
- 11. Input

Option	Format	Default	Description
name	string	(required)	This will be used as id for the component and also refereeing it in other options.
label	string	Not mandatory	This is the label of component you can give any label for component.
type	string	(required)	Type of the component to be used. Each type is explained below in detail.
options	object	Depends on type	Each component has options and the options are explained in their respective component.
listeners	array	[]	A list of variables on whose change, this component needs to be updated.
parameters	array	[]	List of variables that are to be set by this component. This also depends on type .
htmlElementId	string	(required)	This is jQuery selector of the HTML element. Any selector can be used and for best practice, use id .
requestParameters	object	{ }	List of parameters that are to be sent with update request of the component. These parameters consist of key and value pairs.
executeAtStart	Boolean	false	This specifies if the component is set to be updated or initialised after Dashboard.init()
map	int	Depends on type	This is set along with requestParameters to the Data-Layer and must watch for map-id there.

All the components have some basic and common configuration. The configuration options are listed below.

6.1.1 Button

Button component can be accessed by using **type: "button**". If user intends to trigger component update manually instead of using listeners, then this component is helpful. This component has one additional configuration and also has different behaviour for **executeAtStart**.

6.1.1.1 Additional Configuration

Option	Format	Default	Description
triggers	array []		Array should contain name properties which are used while defining the components. It will trigger update of all the components that are present in the array (on click).
executeAtStart boolea		false	For button, this specifies if the components which are specified in the array should trigger on update or initialization after Dashboard.init()

6.1.1.2 Options

Option	Format	Default	Description
display	String	"Submit"	The text to be displayed on button.
classes	String	"btn- primary"	To modify / add custom action and add extra CSS properties, this can be done with space separated string of classes to the button.
Examples	1. Butt "Go { } 2. Butt "Suc { 3. Butt "Sul { } Example:	on will be fill ". display: "Go" on will be fill ccess". display: "Suc classes: "btn- on will be fill omit". classes: "btn-	separated string of classes to the button. ed with blue background colour with its text as "" ded with green background colour with its text as eccess", -success btn-block" ded with red background colour with its text as -danger"
	Dashboard. Submit","re ers":null,"oj primary"},"	init([{"name" questParamet ptions":{"uid' htmlElement]	:"k3gw7izmwho","uid":"k3gw7izmwho","label":" ers":{},"executeAtStart":"","type":"button","trigg ':"k3gw7izmwho","display":"","classes":"btn- Id":"#k3gw7izmwho"}]);

Note: Go through bootstrap classes in bootstrap frame-work to get more insight.

6.1.2 Charts

Charts component can be accessed by using **type: "chart"**. Apart from common configurations, chart component has one additional configuration.

Option	Format	Default	Description
vf	object	(required)	It has keys namely file,id and dir . file : The name of the file that contains the information about the chart visualization. id : The id of the chart form the visualization file, that is to be displayed. dir: Directory of the vf file

6.1.2.1 Additional Configuration

6.1.2.2 Options

Option	Format	Default	Description
actions	array	0	Creates a custom menu and it must be an array of objects. Each object must contain a key and value pair where key will be used as id of the element and value. The objects allow for grouping of controls. It has to be noted that the actions are to be specified manually by the user.
menuLabel	String	"Actions"	The label to be used for custom menu.
Example	Dashboard.init([{"name":"a2fyghpympt","uid":"a2fyghpympt","label":"Ch art","requestParameters":{"start_date":"start_date","end_date":"end_date"} ,"executeAtStart":true,"type":"chart","listeners":["start_date","end_date"]," vf":{"id":1,"file":"sample_report.efwvf","dir":"1463377807724\u002F1463 377978248\u002FSample EFW Report"},"htmlElementId":"#a2fyghpympt"}]);		

6.1.2.3 Custom

Select component can be accessed by using **type: "custom"**. This component can be used to write user specified custom script and the configuration includes:

Option	Format	Default Description	
name	string	(required)	This will be used as id for the component and also refereeing it in other options.
type	string	(required)	Type is custom.
listeners	array	[]A list of variables on whose change, customScript will be called.	
htmlElementId	string	(required) This is jQuery selector of the HTML element Any selector can be used and for best practiculate use id.	
executeAtStart	Boolean	falseThis specifies if the component is set to be updated or initialised after Dashboard.init(
customScript	function	(required)	This function has two arguments. First is the reference to the element of jQuery object given

6.1.2.4 Configuration

in htmlElementId and the second is an object containing the variables specified in listeners with names a key and its value as value
Custom script is nothing but the required iavascript.

6.1.2.5 Options

Option	Format	Default	Description
Example	Dashboard.i tom","reque ers":["start_ anonymous(/*``*/) { var startDate var newstart Dashboard.s },"htmlElem	nit([{"name" stParameters date","end_d elem,params e=Dashboard Date=startDa setVariable('M nentId":"#wee	:"wedb26kldm","uid":"wedb26kldm","label":"Cus ":{},"executeAtStart":true,"type":"custom","listen ate"],"customScript":function .getVariable('start_date'); ate.concat('Helical'); ModifiedstartDate',newstartDate); db26kldm"}]);

6.1.3 Date Picker and Date-Range Picker

Date Picker component and Date-Range Picker component can be accessed by using type: "datepicker" and type: "daterangepicker". Both components almost share identical options and the options are:

Option	Format	Default	Description
displayFormat	string	"YYYY-MM- DD"	Determines date format that has to be displayed to the user. The format used is similar to moment.js library.
outputFormat	string	"YYYY-MM- DD"	Determines the format of the date that is stored in the variable and used while querying databases. The format used is similar to moment.js library.

6.1.3.1 Common Options

6.1.3.2 Extra options for daterangepicker

Option	Format	Default	efault Description	
separator	string	<mark>" to "</mark>	The separator to be used while displaying the date.	

6.1.3.3 Date formats

	Format	Output
Month	М	1 2 11 12
	Мо	1 st 2 nd 11 th 12 th
	MM	01 02 11 12
	MMM	Jan Feb Nov Dec
	MMMM	January February November December
Quarter	Q	1234
Day of Month	D	1 2 30 31

	Do	1 st 2 nd 30 th 31 st		
	DD	01 02 30 31		
Day of Year	DDD	1 2 364 365		
	DDDo	1 st 2 nd 364 th 365 th		
	DDDD	001 002 364 365		
Day of Week	d	0156		
	do	0 th 1 st 5 th 6 th		
	dd	Su Mo Fr Sa		
	ddd	Sun Mon Fri Sat		
	dddd	Sunday Monday Friday Saturday		
Day of Week (Locale)	е	0 1 5 6		
Day of Week (ISO)	Е	1 2 6 7		
Week of Year	W	1 2 52 53		
	wo	$1^{st} 2^{nd} \dots 52^{nd} 53^{rd}$		
	WW	01 02 52 53		
Week of Year (ISO)	W	1 2 52 53		
	Wo	1 st 2 nd 52 nd 53 rd		
	WW	01 02 52 53		
Year	YY	70 71 29 30		
	YYYY	1970 1971 2029 2030		
Week Year	gg	70 71 29 30		
	gggg	1970 1971 2029 2030		
Week Year (ISO)	GG	70 71 29 30		
	GGGG	1970 1971 2029 2030		
AM / PM	А	AM PM		
	a	am pm		
Hour	Н	0 1 22 23		
	HH	00 01 22 23		
	h	1 2 11 12		
	hh	01 02 11 12		
Minute	m	0 1 58 59		
	mm	00 01 58 59		
Second	S	0 1 58 59		
	SS	00 01 58 59		
Fractional Second	S	0189		
	SS	0 1 98 99		
	SSS	0 1 998 999		

Timezone	Ζ	-07:00 -06:00 +6:00 +7:00		
	ZZ	-0700 -0600 +600 +700		
Unix Timestamp	Х	1360013296		
	For Date Pickers			
	19/10/16	6 { displayFormat: "DD/MM/YY" }		
	2016/10/16 { displayFormat: "YYYY/MM/DD" }			
	10-19-2016 { displayFormat: "DD-MM-YYYY" }			
	Dashboard.i s3q8","label Picker","req	Dashboard.init([{"parameters":null,"name":"oksxkn6s3q8","uid":"oksxkn6 s3q8","label":"Date Picker","requestParameters":{},"executeAtStart":"","type":"datepicker","o		
	YYYY", "outputFormat": "DD-MM-			
	YYYY"},"h	(YY"},"htmlElementId":"#oksxkn6s3q8"}]);		
Examples	For Date Range Pickers			
	19/10/16 29/10/16	{ displayFormat: "DD/MM/YY" }		
	2016/10/19 2016/10/29	<pre>{ displayFormat: "YYYY/MM/DD", separator: " upto " }</pre>		
	19/10/16 29/10/16	{ displayFormat: "DD/MM/YY", }		
	10-19-2016 10-29-2016	2016 2016 } displayFormat: "MM/DD/YYYY",		
	Dashboard.init([{"parameters":["start_date","end_date"],"name":"wp1bpw 2tjde","uid":"wp1bpw2tjde","label":"Date-Range Picker","requestParameters":{},"executeAtStart":"","type":"daterangepicke r","options":{"uid":"wp1bpw2tjde","iframe":true,"displayFormat":"YYY-			
	MM-DD HH HH:mm:ss"	D HH:mm:ss","outputFormat":"YYYY-MM-DD m:ss"},"htmlElementId":"#wp1bpw2tjde"}]);		

6.1.4 Select

Select component can be accessed by using **type: "select"**. Select has two modes which are single and multiple which can be set via **options**.

Option	Format	Default	Description
multiple	Boolean	false	This option will determine whether the component must be single (false) or multi-select (true).
display	String	(required)	The key / column of the data should be used as display value.
value	String	(required)	The key / column of the data should be used as actual value.

	1. When single select is enabled.				
	{				
	multiple: false,				
	display: "TRAVELDETAILS TRAVEL TYPE".				
	value: "TRAVELDETAILS TRAVEL TYPE"				
	Dashboard init [[{"dataSource":{"location":"1463377807724\u002				
	F1463377836985" "metadataFileName"·"e9be6771-995b-40eb-				
	a01c-				
	304857a100a1 metadata"} "narameters":null "name":"atrzmesz06"				
	"uid"."atrzmesz06" "alias"."TRAVELDETAILS TRAVEL TYPE"				
	"label": "Select?" "column": "TRAVELDEDTTILD_TRAVEL_TTE				
	"adhoc" true "requestParameters" {} "execute At Start" true "type"				
Examples	"select?" "database"·"HIUSER" "ontions"·{"display"·"TRAVELDE				
Examples	TAILS TRAVEL TYPE" "value". "TRAVEL DETAILS TRAVEL				
	TYPE" "multiple" false "uid" "atrzmesz06" "iframe" true "placeho				
	lder"."Please select a				
	value"} "listeners":null "htmlElementId":"#atrzmesz06"}]):				
	value j, inscriets indit, infiniziententeite i "autzineszese j]),				
	2. When multi-select is enabled:				
	{				
	multiple: true,				
	display: "TRAVELDETAILS_TRAVEL_TYPE",				
	value: "TRAVELDETAILS_TRAVEL_TYPE"				
	}				
	Dashboard.init([{"dataSource":{"location":"1463377807724\u002F146337				
	7836985","metadataFileName":"e9be6771-995b-40eb-a01c-				
	304857a100a1.metadata"},"parameters":null,"name":"atrzmesz06","uid":"a				
	trzmesz06", "alias": "TRAVELDETAILS_TRAVEL_TYPE", "label": "Select				
	", "column": "TRAVELDETAILS.TRAVEL_TYPE", "adhoc": true, "requestP				
	arameters": { }, "execute AtStart": true, "type": "select", "database": "HIUSER",				
	"options":{"display":"TRAVELDETAILS_TRAVEL_TYPE","value":"TR				
	AVELDETAILS_TRAVEL_TYPE", "multiple": false, "uid": "atrzmesz06", "i				
	irame :true}, iisteners :nuii, ntmiElementId :: #atrzmesz06 }]);				

Note: It has to be noted that **multiple: false** will set the variable as string where as **multiple: true** will set the variable as an array.

6.1.5 Select with search (Select2)

Select2 component can be used by using **type: "select2**". Select2 has two modes which are single and multiple which can be set via **options**.Select2 is the select single or multiple options with search enabled.

Option	Format	Default	Description
multiple	Boolean	False	This option will determine whether the component must be single (false) or multi-select (true).
display	String	(required)	The key / column of the data should be used as display value.
value	String	(required)	The key / column of the data should be used as actual value.
placeholder	String	"Please select a value"	This text will be shown when no option is selected.
-------------	--	--	---
	1. With single select: { multiple: false, placeholder: "Please select a value", display: "TRAVELDETAILS_TRAVEL_TYPE", value: "TRAVELDETAILS_TRAVEL_TYPE" }		
Examples	2. With {	th multiple select: multiple: true, placeholder: "Please select a value", display: "TRAVELDETAILS_TRAVEL_TYPE", value: "TRAVELDETAILS_TRAVEL_TYPE"	
	Dashboard.init([{"dataSource":{"location":"1463377807724\u002F146337 7836985","metadataFileName":"e9be6771-995b-40eb-a01c- 304857a100a1.metadata"},"parameters":null,"name":"atrzmesz06","uid":"a trzmesz06","alias":"TRAVELDETAILS_TRAVEL_TYPE","label":"Select 2","column":"TRAVELDETAILS.TRAVEL_TYPE","adhoc":true,"request Parameters":{},"executeAtStart":true,"type":"select2","database":"HIUSER ","options":{"display":"TRAVELDETAILS_TRAVEL_TYPE","value":"T RAVELDETAILS_TRAVEL_DETAILS_TRAVEL_TYPE","value":"T RAVELDETAILS_TRAVEL_TYPE","multiple":false,"uid":"atrzmesz06", "iframe":true,"placeholder":"Please select a value"},"listeners":null,"htmlElementId":"#atrzmesz06"}]);		

Note: Select2 component will also provide search facility on variables in options. To explore more, dive into Select2 plugin to get insight.

6.1.6 Adhoc

Adhoc component can be used by using **type: "adhoc"**. Adhoc has **options** for report object with directory and ereport file. The main advantage of adhoc component, it is having iframe modes as true/false whether to render adhoc component with/without iframe.

Option	Format	Default	Description	
			This option will determine whether the	
iframe	Boolean	true	component must without iframe(false) or	
			with iframe (true).	
etylog	object	Default styles	Adhoc component default styles with box	
styles			color, border etc.	
roport	object	(required)	Report object having the dir name and file	
report			name of report.	
	Dashboard.init([{"name":"gj2cfumzu18","uid":"gj2cfumzu18","label":"Ad			
	hoc","requestParameters":{},"executeAtStart":true,"type":"adhoc","options			
Examples	":{"uid":"gj2cfumzu18","iframe":true,"styles":{"boxComp":"Adhoc","bord			
Examples	erComp":"Adhoc","value":true,"newValue":true,"boxPx":"","borderPx":"1			
	px", "boxColor": "#ffffff", "borderColor": "#9d9fa1" }, "report": {"dir": "14633			
	77807724\u	002F14633780127	48","file":"94b8d841-bf01-4ff3-8e9e-	

ac858ac8a52c.report"}},"listeners":null,"htmlElementId":"#gj2cfumzu18"}
]);

6.1.7 Text

Text component can be used by using **type: "text"**. Text has **options** for writing text with text visualizations like textarea , fontsize, fontstyle, alignment , font family etc options. We can set **id** for the text component .

Option	Format Default		Description	
id	Number	Not mandatory	id for the text component	
color	Text Default font color		Font color for text	
align	text	Default color	Alignment of the text	
bgOpacity	Number	Default opacity	Background color opacity	
fontsStyle	text Default fontstyle		Text Fontstyle	
fontSize	Number Default fontsize Tex		Text Fontsize	
fontFamily	text	Default font	Text font	
fontWeight	text Default font weight		Text font weight	
boxComp	text Text as boxComp Box		Box component is text	
bgcolor	text	Default bgcolor	Background color	
Examples	Dashboard.init([{"type":"text","options":{"color":"#000000","align":"start" ,"bgOpacity":"1","fontsStyle":"normal","uid":"bdte21z1g9d","fontSize":"1 2","value":true,"fontFamily":"Comic Sans MS","boxPx":"","boxColor":"#FFFFFF","textArea":"Sample Text Component","boxComp":"Text","id":"","fontsWeight":"normal","bgcolor": "#FFFFFF"},"uid":"bdte21z1g9d","name":"bdte21z1g9d","executeAtStart" :"","requestParameters":{},"label":"","htmlElementId":"#bdte21z1g9d"}]);			

6.1.8 Slider

Slider component can be used by using **type: "slider**". Slider has **options** for report object with directory and ereport file. The main advantage of adhoc component, it is having iframe modes as true/false whether to render adhoc component with/without iframe.

Option	Format	Default	Description
dataSource	object	(required)	This option will determine the dir name and
			metadata file name.
min	object	(required)	Min value dahsboard variable used to set
111111	object	(required)	min value for slider
mox	object	(required)	Max value dahsboard variable used to set
Шах	object	(required)	min value for slider
display	text	Not mandatory	Name of column on which slider is getting

			applied
value	text	Not mandatory	Name of column on which slider is getting applied
dataType	Numeric	default	Type of data for min-max values
aggregate	array	(required)	Array contains min-max column details with aggregate function.
Examples	InductionType of data for mini-max valuesarray(required)Array contains min-max column details with aggregate function.Dashboard.init([{"orderBy":"","dataSource":{"location":"1513330650237", "metadataFileName":"a34dd8c2-ac7a-4eae-a357- 6cce68af2cc9.metadata"},"parameters":["360_surveys_start_date"],"name" :"mvf0anpcv3s","uid":"mvf0anpcv3s","alias":"360_surveys_start_date","databaseFunction":{"functionName":"sql.date.month","dataType":"numeric", "parameters":{"datetime":"360_surveys.start_date"},"label":"Slider","column":"360_surveys.start_date","database":"360_envision","refresh":true,"columns":[{"column":"360_surveys.start_date","alias":"max","aggregate":true}],"options":{"min":"min","max":"max","display":"360_surveys_start_date","value e":"360_surveys_start_date","dataType":"numeric","uid":"mvf0anpcv3s","iframe":true},"aggregate":[{"column":"360_surveys.start_date","alias":"max","aggregate":true}],"options":{"min":"min","max":"max","display":"360_surveys.start_date","value e":"360_surveys_start_date","alias":"min","aggregate":true},"value e":"360_surveys_start_date","alias":"max","alias":"mvf0anpcv3s","iframe":true},"aggregate.max","alias":"max","column":"360_surveys.start_date","inction":"db.generic.aggregate.max","alias":"max","isiteners":null, "htmlElementId":"#mvf0anpcv3s","j		

6.1.9 Input

Input component can be used by using **type: "input"**. Input has **options** for report object with directory and ereport file. The main advantage of adhoc component, it is having iframe modes as true/false whether to render adhoc component with/without iframe.

Option	Format	Default	Description
parameters	object	None selected	This option will contains the report
requestParameters	object	None selected	This option will contains the request
1	parameters which are assigned to input		
Examples	Dashboard.init([{"parameters":["start_date"],"name":"c8ps5oqj896","uid":" c8ps5oqj896","label":"Input","requestParameters":{"start_date":"start_date "},"executeAtStart":true,"type":"input","options":{"uid":"c8ps5oqj896","ifr ame":true},"listeners":null,"htmlElementId":"#c8ps5oqj896"}]);		

6.2 <a>Dashboard.getAllVariables()

This method is used to get all the variables that are set in the report.

Parameters	Description		
Description	be retrieved before (default variables) and after triggering variables in the report.		
Decomintion	This method is used to get all the variables that are set in the report. Variables can		
This method	This method is used to get an the variables that are set in the report.		

Parameter Values		
of the opened report. Dashboard.getAllVariables();		
t: ""} 1		

6.3 <u>Dashboard.setVariable(key, value)</u>

Prerequisites:

- 1. This method takes one or two arguments. If no argument is passed, "false" will be written as result.
- 2. If two arguments are given, the first argument must be a string which will be the name of the variable and second argument will be its value.
- 3. If one argument is given, it must be an object with key and value pairs in which key will be the name of the variable and value will be its value.
- 4. If a variable already exists with the same name, it will be updated set variable and set variable can be used anywhere and any number of times.

Description	Sets the variable in the opened report.		
Parameters	Description		
dir	Directory of the report		
file	Actual name of the report with its extension.		
Example	Step – 1: Open a report. Below are the dir and file of the opened report.		

Parameter	Values
Dir	APSVA Dashboard
File	Demo.efw
File	Demo.efw

Step – 2:

Open browser's console and type the below JavaScript code to get all the variables of the opened report.

Dashboard.getAllVariables();

```
> Dashboard.getAllVariables()
```

```
    Object {AcademicYear: "2009-2010", School: "HBW"}
    AcademicYear: "2009-2010"
    School: "HBW"
    __proto__: Object
    Figure 2: Get all variables
```

Step – 3:

After getting all the variables, suppose if we want to set a new variable or modify the current variable, open browser's console and type the following JavaScript code:

Foramt:

Dashboard.setVariable("key", "value")

Usage example:

1. If we want to modify existing variables, get the "key" and assign the value to it (modify existing value).

Dashboard.setVariable("AcademicYear", "2011-2012");

2. We can also set multiple variables at once. For example:

```
Dashboard.setVariable({
    AcademicYear: "2011-2012",
    School: "W-L"
})
```

And if Dashboard.getAllVariables() is called, we get updated variables rather than default set variables.

```
> Dashboard.getAllVariables()
```

```
Object {AcademicYear: "2011-2012", School: "W-L"} 
AcademicYear: "2011-2012"
School: "W-L"
```

```
__proto__: Object
```

```
3. If we want to set new variable then, we can achieve this by:
Dashboard.setVariable("SchoolName", "Yorktown")
Now, to check the variable which is set above, we can achieve this by calling Dashboard.getAllVariables().
> Dashboard.setVariable("SchoolName", "Yorktown");
> undefined
> Dashboard.getAllVariables()
< Object {AcademicYear: "2011-2012", School: "W-L", SchoolName: "Yorktown" SchoolName: "Yorktown"</li>
> _______ SchoolName: "Yorktown"
> ________ SchoolName: "Yorktown"
> ________ SchoolName: "Yorktown"
> _________ SchoolName: "Yorktown"
```

6.4 <u>Dashboard.getVariable(varName)</u>

This method takes one argument which will be name of the variable.

Description	This method will retrieve the	variable name and returns the value of the variable.	
Parameters	Description		
dir	Directory of the report		
file	Actual name of the report with	th its extension.	
Example	Step – 1: Open a report. Below are the dir and file of the opened report.		
	Parameter Values		
	Dir	HelicalDemo	
	File HelicalDemoFile.efw		
	Step – 2: Open browser's console and type the below JavaScript code to get all the variable of the opened report. Dashboard.getAllVariables();		



6.5 Dashboard.addComponent(component)

This API needs component as a mandatory argument and the component is an object with certain parameters in it. Please refer components section for the parameters.

Description	This API adds a new component in the components that are already present.	
Parameters	Description	
name	Name of the component	
type	Type of the component which can be button/select etc.	
options	Options that are set in the defined component.	
htmlElemen tId	Every component requires one id that refers the html element.	
Example	Step – 1:	
	Open a report. Below are the dir and file of the opened report.	
	Parameter Values	
	DirAPSVA DashboardFileDemo.efw	
	Step – 2: In this example, we have considered component as button and if no options are provided to the component, default display message and classes that are default will be considered and the component will be added. While creating the component, name is mandatory, type is mandatory and htmlElementId.	

Step – 3: Example:
var buttonComponent = {
name: "Btn",
type: "button",
options:{
display: "Success",
classes: "btn btn-success"
}, htmlFlementId: "#year1"
}
Dashboard.addComponent(buttonComponent)
Step – 4: To check if the component is added or not, call this API in console:
Dashboard.componentViews

6.6 <u>Dashboard.removeComponent(component)</u>

This method takes one argument as mandatory else it will return undefined.

Description	This method will remove the entire component from the opened report.	
Parameters	Description	
dir	Directory of the report	
file	Actual name of the report with its extension.	
component	Name of the component to re	set.
Example	Step – 1: Open a report. Below are the dir and file of the opened report.	
	Parameter	Values
	Dir	APSVA Dashboard
	File	Demo.efw
	Step – 2: Open browser's console and type the below JavaScript code to get all the component views of the opened report. Dashboard.componentViews	

```
> Dashboard.componentViews
```

6.7 <a>Dashboard.updateComponent(component)

This method takes one argument as mandatory else it will return false.

Description	This method will update all the values or parameters that are set in that		
component.			
Parameters	Description		
dir	Directory of the report		
file	Actual name of the report with its extension.		
component	Name of the component to re	set.	
Example	Step – 1:		
	Open a report. Below are the	dir and file of the opened report.	
Parameter		Values	
	Dir	04 Intec Capital	
	File Intec.efw		
	Step – 2: Open browser's console and t component views of the open Da	n browser's console and type the below JavaScript code to get all the ponent views of the opened report. Dashboard.componentViews	



6.8 <u>Dashboard.resetComponent(component)</u>

This method takes one argument as mandatory else it will return false.

Description	This method will reset all the values or parameters that are set in that component	
-	without triggering update.	
Parameters	Description	
dir	Directory of the report	
file	Actual name of the report with its extension.	
component	Name of the component to reset.	

Example	Step – 1:		
	Open a report. Below are th	e dir and file of the opened report.	
	Parameter	Values	
	Dir	04 Intec Capital	
	File	Intec.efw	
	Step – 2: Open browser's console and component views of the ope	Step – 2: Open browser's console and type the below JavaScript code to get all the component views of the opened report.	
	1	Jashboard.component views	
	> Dashboard.componentViews		
	<pre>Object {daterangepicker: B.r. branch_name: B.r button: B.r category_name: B.r country_name: B.r customScript: B.r daterangepicker: B.r limit: B.r measure: B.r product_name: B.r product_name: B.r select_cols: B.r select_rows: B.r status_name: B.rproto_: Object</pre>	, select_rows: B.r, select_cols: B.r, measure: B.r, limit: B.r}	
	Figure 7: Step – 3: To reset or clear specific co	Component views of the opened report	
	Dashboard.resetComponent("select_rows")		
	The above method will return "true" in the console.		
	Step – 4: Click on Parameters in the report, and check "Select Rows" section. Section should be blank with no values or parameters.		

6.9 <u>Dashboard.init()</u>

Decemintion	This API will initiate all the components that are passed in the API as an array.
Description	Note:
	The components should be passed in array.
	Step – 1:
Example	In this example, we have considered created one component of type button and if
	no options are provided to the component, default display message and classes that
	are default will be considered and the component will be added. While creating the

component, name is mandatory, type is mandatory and htmlElementId. This component will show a button.
Step – 2: Example:
<pre>var buttonComponent = { name: "Btn", type: "button", options:{ display: "Success", classes: "btn btn-success" }, htmlElementId: "#year1" }</pre>
Dashboard.addComponent(buttonComponent)
Step – 3: To initiate the created component, call the API as:
Dashboard.init([buttonComponent])

6.10 <u>Dashboard.updateComponentOptions(component, options)</u>

	This API updates the options parameter that is present in the component. Options vary depending on the type of component. Please refer Dashboard.Components		
Description			
	section to know more.		
	Step – 1:In this example, we have considered created one component of type button and if		
	no options are provided to the component, default display message and classes that		
	are default will be considered and the component will be added. While creating the component, name is mandatory, type is mandatory and htmlElementId. This component will show a button.		
	Step – 2:		
	To update the options of the component that is created, we use this API.		
	Example:		
Example	ver butten Component - [
	var buttonComponent – {		
	type: "button"		
	options:		
	display: "Success".		
	classes: "btn btn-success"		
	}.		
	htmlElementId: "#year1"		
	}		

	buttonComponent.options.display = "Warning";
	Dashboard.updateComponentOptions(buttonComponent, buttonComponent .options)

6.11 <u>DashboardGlobals</u>

DashboardGlobals will get an object with all the url's that are used in the application.

Object	Property	URL
	baseUrl	It is the url of the running HI application. Example: http://localhost:8080/hi/
	solutionLoader	baseUrl + "getSolutionResources.html" This ajax call will get all the solution directories in an array.
	resourceLoader	baseUrl + "getEFWSolution.html" This ajax call will call dir and file name of the selected file and in response, loads the HTML of that particular file.
	updateService	baseUrl + "executeDatasource.html"
	chartingService	baseUrl + "visualizeData.html"
	exportData	baseUrl + "downloadReport.html" This ajax call is made when report is saved or exported.
	file	Displays the file name of the opened report
DachhaarClahala	extension	Gets the extension of the opened report
Dasinoval Giovais	fileTitle	Will get the title of the opened report
	folderPath	Will get the folder path of the opened report
	productInfo	baseUrl + "getProductInformation.html" This ajax call is made to get the information of the HI profuct (when clicked on About in navigation bar)
	sendMail	baseUrl + "sendMail.html" This ajax is call is made at the time of Email or Scheduling the opened report.
	updateEFWTemplate	baseUrl + "updateEFWTemplate.html"
	sessionUserName	Name of the user who is accessing the application
	sessionUserEmail	Email of the user who is accessing the application
	sessionUserOrganizatio n	If the user has any organization, then organization name will be considered else organization name is empty. For super admin and super user, that is hdiadmin or hdiuser

	organization name is empty ("").
rootDirectoryPermissio n	Displays the permission level of the user
	Boolean (true / false that is set in the xml page)
provideHTMLExport	Boolean value is set whether to export the report through HTML or not.
	Boolean (true or false that is set in the xml page)
enableReportSave	This value is set whether to show the filebrowser to save or export the report at particular path or location. If the value is false , filebrowser will not be shown and the report will be downloaded directly to the download directory.
defaultEmailResourceT	url
уре	baseUrl + "saveReport html"
saveReport	This ajax call is made when a user wants to save the report.
fsop	baseUrl + "fileSystemOperations.html" This ajax call is made whenever user clicks on Open, Rename, Edit, Open in new window, Delete, Cut, Paste options in context menu.
	baseUrl + "importFile.html"
importFile	This ajax call is made when user imports a file of extension crt .
downloadEnableSaved Report	baseUrl + "downloadEnableSavedReport.html"
services	baseUrl + "services"
	baseUrl + "designer-edit.html"
designerEdit	This ajax call will open the designer report in designer-edit page
	baseUrl + "adhoc/report-edit.html"
adhocEdit	This ajax call will open the adhoc report in adhoc-edit page.
	baseUrl + "adhoc/metadata-edit.html"
metadataEdit	This ajax call will open the metadata in metadata-edit page.
adhocReportCreate	baseUrl + "adhoc/report-create.html"
	baseUrl + "hdi.html"
openAdhoc	This ajax call will open adhoc report in HI module when dir and file name has been as

		parameters to the url.	
		baseUrl + "hdi.html"	
	openEfw This ajax call will open efw report in HI when dir and file name has been as para the url.		
	visualizeAdhoc	baseUrl + "visualizeAdhoc.html"	
		baseUrl + "getEFWSolution.html"	
	efw	This ajax call will call dir and file name of the selected file and in response, loads the HTML of that particular file.	
		baseUrl + "executeSavedReport.html"	
DashboardGlobal s.controllers	efwsr	This ajax call will open the saved report file with triggered or selected parameters. These parameters are set in reportParameters variable.	
	efwfav	baseUrl + "executeFavourite.html"	
		baseUrl + "hdi.html"	
	report	This ajax call will render the html page of the HI module.	
		baseUrl + "getScheduleData.html"	
DashboardGlobal	get	This ajax call will get the scheduled data of the report when the report is scheduled.	
s.scheduling	update	baseUrl + "updateScheduleData.html" This ajax call will update the schedule data of the report while scheduling the report.	
		baseUrl+"admin/users"	
		This ajax call will fetch user's data.	
DashboardGlobal s.adminPaths	users	<pre>Example: { "users":[{ "slno":"1", "id":1, "name":"hiadmin", "email":"hi@helicaltech.com", "email":"hi@helicaltech.com", "enabled":true, "organisation":"", "orgName":"Null", "roles":[{ "id":1, "roles":[{ "id":1, "roles":[{ "id":1, "roles":[{ "id":1, "roles":[{ "id":1, "role":"ROLE_ADMIN" },</pre>	

	"id":2,
	"role"."DOLE LICED"
	IULE . NULE_USEN
	}
],
	"profiles":
	profized .L
]
	}.
	•••
],
	"total" · 1
	}
	baseUrl+"admin/organisations"
	ouseon adminiorganisations
	This give will fatch organizations data
	This ajax will leten organizations data.
	Evennler
	Example:
	{
	"organisations".[
organisations	{
organisations	"slno":"1",
	" id " • 36
	"name":"Organization Name",
	"description": "Description"
)
	۶,

	1
	}
profiles	baseUrl+"admin/profiles"
profiles	baseUrl+"admin/profiles"
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles"
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles"
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles"
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin.
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin.
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin.
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example:
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example:
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example:
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2,
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[</pre>
profiles	baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1",</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1.</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "id":1,</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN",</pre>
roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"",</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "organisation":"",</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null"</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" },</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, {</pre>
profiles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "organisation":"", "orgName":"Null" }, { "slno":"2"</pre>
profiles roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "simo":"1000; "simo":"2",</pre>
profiles roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2,</pre>
roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER".</pre>
profiles roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "enganisation":""</pre>
profiles roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "organisation":"",</pre>
profiles roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "organisation":"", "organisation":"", "orgName":"Null"</pre>
profiles roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "organisation":"", ",</pre>
roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "organisation":"", "organisation":"", "orgName":"Null" } }</pre>
roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "organisation":"", "organisation":"", "orgName":"Null" }]</pre>
roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "organisation":"", "organisation":"", "orgName":"Null" } }]</pre>
roles	<pre>baseUrl+"admin/profiles" baseUrl+"admin/roles" This ajax call will get the profiles of user or admin. Example: { "total":2, "roles":[{ "slno":"1", "id":1, "name":"ROLE_ADMIN", "organisation":"", "orgName":"Null" }, { "slno":"2", "id":2, "name":"ROLE_USER", "organisation":"", "organisation":"", "orgName":"Null" } } }</pre>

DashboardGlobal	location	Undefined
s.optionalReportP arams	reportname	Undefined

7. Report Community Editor

Report Community Editor is an UI driven method of creating very powerful EFW community reports. Writing SQL queries, call stored procedures, integrate custom visualizations etc and create very very complex reports and dashboards also.User can create EFW report using report community editor. Below are backend API's for Report Community report creation ,deletion,editing etc.

7.1 Create Report CE

Page : http://192.168.2.156:8085/hi-ee/ce-report-edit.html

Create Report CE API is used to create Report CE with available functionality. This is API is used while save and Save as of Report CE after creation.

This service is used to create efwce reports this service handles both save and update operations based up on parameter uuid in form data. This service will create 5 separate files:

*.efw

*.efwce

*.efwvf.

*.efwd

*.html

Update operation will update all above five files.

.efwce file will contain state info which is used to fetch the existing state.

URL	/services	
Description	It allows user to create and update(save/save as) the EFWCE report.	
Pre-requisite	User should have logged in before accessing the service. [Refer login module] If the user is not logged in then you will get login page.	
Accessible for	ROLE_ADMIN, ROLE_USER	
HTTP Request Method	POST	

Example	Access through browser :	
	http://192.168.2.156:8085/hi-ee//services	
	Access through Curl command :	
	<pre>curldata j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceType=efwce&service=designer&formD ata={"state":{"allTypes":{"sqlTypes";{"alTypes";"sqlTypes";"Area@tor";"Area@torvy"],{"name":"sql_adhoc"},"vizTyp es";{{"name":"Area,"Type":"EFW-c3","subtype":"Area@tor";"Area@tor";"Area@tor";"Area@torvy"],{"name":"Area Spline","type":"EFW-c3","subtype":"Area@tor";"Area@tor";"Area@tor";"Area@tor";"Area@torvy"],{"name":"Area Step","type!":"EFW-c3","subtype":"Area@tor";"Area@torv,"j_tmame":"Area Step","type!":"EFW-c3","subtype":"Area@tor";"Area@torvy"],{"name":"Area Step","type!":"EFW-c3","subtype":"Area@torv";"Area@torvy"],{"name":"Area Step","subtype":"donut","icon":"DonutChart"},{"name":"Colleg","type":"EFW- c3","subtype":"donut","icon":"DonutChart"},{"name":"Colleg","type":"EFW- c3","subtype":"Case:"C</pre>	
	<pre>> \n","name":"report1","vizName":"Area","type":"EFW- c3","subtype":"Area","icon":"AreaChart","sql":{"id":1,"type":"sql","text":"select \n\t\"HIUSER\".\"employee_details\".\"address\" as \"employee_details_address\",\n \tsum(\"HIUSER\".\"employee_details\".\"age\") as \"sum_age\" \nfrom\n\t\"HIUSER\".\"employee_details\" \ngroup by\n\t\"HIUSER\".\"employee_details\".\"address\" FETCH FIRST 1000 ROWS</pre>	
	ONLY", "dataSource": { "id":1, "name": "connection1" }, "parameters": [] }], "currentEditor": { "type": "reports", "na me": "report1", "component": "sql1", "sqlList": [{ "id":1, "type": "sql", "text": "select \n\t\"HIUSER\".\"employee_details\".\"address\" as \"employee_details_address\",\n \tsum(\"HIUSER\".\"employee_details\".\"address\" as \"employee_details_address\",\n \tsum(\"HIUSER\".\"employee_details\".\"address\" as \"sum_age\" \nfrom\n\t\"HIUSER\".\"employee_details\" \ngroup by\n\t\"HIUSER\".\"employee_details\".\"address\" FETCH FIRST 1000 ROWS ONLY", "dataSource": { "id":1, "name": "connection1", "parameters": [] }], "aceText": ", "uuid": "", "showDatasour ce":true, "showDashboard": false, "showParameter":true, "showReport":true, "Editor": { "type": "reports", "name": "r eport1", "component": "sql", "aceText": "select \n\t\"HIUSER\".\"employee_details\".\"address\" as \"employee_details_address\", \n \tsum(\"HIUSER\".\"employee_details\".\"address\" as	

	<pre>\nfrom\nt\'HIUSER\'.\"employee_details\" \ngroup by\nt\"HIUSER\".\"employee_details\".\"address\" FETCH FIRST 1000 ROWS ONLY"},"editing":false,"isEditor":""},"htmlString":"","configurations":{"reports":[{"reports":[{"report:{" id":"1","name":"report1","value":"var dashboard = Dashboard \n dashboard.resetAll()\n \n var report1 = {\n name: \"report1\",\n type:\"chart\",\n listeners:[\"column_name\"],\n requestParameters :{\n column_name: \"column_name\"\n },\n vf: {\n id: \"1\",\n file: 'efwvf_name_\n },\n efwd: {\n file: 'efwd_file_name_\n },\n htmlElementId : \"#htmlelement_id\", // provide report id here\n executeAtStart: true // it can be true or false\n]; "}}]},"efwd":{"dataSources":{"connections":{"id":"1","type":"global.jdbc","connDetails":{"gl obalId":"1"}}}],"dataMaps":[{"dataMap":{"name":"report1,"id":"1","type":"sql","connection:":1","query":" select \nt\"HIUSER\".\"employee_details\".\"address\" BS \"manueltares\",\n \tsum(\"HIUSER\".\"employee_details\".\"address\" FETCH FIRST 1000 ROWS ONLY"}}]},"visualisation":{["id":"1","type":"floor ROWS ONLY"]}],"visualisation":{["id":"1","type":"floor ROWS ONLY"]}],"dataMaps":{"dataMap":{"name":"report1","id":"1","type":"sql","connection:"1","query":" select \nt\"HIUSER\'.\"employee_details\".\"address\" BETCH FIRST 1000 ROWS ONLY"}}]],"visualisation":{["id":"1","type":"floor ROWS ONLY"]}],"visualisation":{["id":"1","type":"floor ROWS ONLY"]}]],"visualisation":{["id":"1","type":"floor ROWS ONLY"]}]],"visualisation":{["id":"1","type":"floor ROWS ONLY"]}]],"visualisation":{["id":"1","type":"floor ROWS ONLY"]}]],"visualisation":{["id":"1","type":"floor ROWS ONLY"]}]],"dir":"1 57070</pre>		
HTTP Request Key	HTTP Request Value	Description	
type:	dashboard	Type as dashboard type.	
serviceType:	efwce	Service type as efwce	
service:	designer	Service to create the efwce report	
formData:	<pre>{"state":{"allTypes":{"sqlTypes":{{"name":"sql_groovy"},{"name":"sql_adhoc"}],"vizTypes":{{"nam e":"Area","type":"EFW- c3","subtype":"Area","icon":"AreaChart"},{"name":"Area Spline","type":"EFW- c3","subtype":"AreaStep","icon":"AreaStepChart"},{"nam e":"Bar","type":"EFW- c3","subtype":"bar","icon":"BarChart"},{"name":"Donut", "type":"EFW- c3","subtype":"bar","icon":"DonutChart"},{"name":"Ga uge","type":"EFW- c3","subtype":"EFW- c3","subtype":"Selter","icon":"LineChart"},{"name":"Scatter", "type":"EFW- c3","subtype":"Soline","icon":"StepChart"},{"name":"St pline","type":"EFW- c3","subtype":"Selp","icon":"StepChart"},{"name":"St pline","type":"EFW- c3","subtype":"Selp","icon":"StepChart"},{"name":"St pline","type":"EFW- c3","subtype":"Selp","icon":"StepChart"},{"name":"St pline","type":"EFW- c3","subtype":"Step","icon":"StepChart"},{"name":"St pline","type":"EFW- c3","subtype":"Step","icon":"StepChart"},{"name":"St pline","type":"EFW- c3","subtype":"Step","icon":"StepChart"},{"name":"Cross Tab","type":"EFW- c3","subtype":"Step","icon":"StepChart"},{"name":"Cross Tab","type":"EFW- c7","subtype":"Step","icon":"StepChart"},{"name":"Cross Tab","type":"EFW- c7","subtype::"Step","icon":"StepChart"},{"name":"Cross Tab","type":"EFW- c7","subtype::"Step","icon":"StepChart"},{"name":"Cross Tab","type::"EFW- c7","subtype::"Step"</pre>	Formdata contains the efwcefile name and the directory of file to save the created efwce report. Along with filename and directory formdata contains the different available sqlTypes, visualization types, connection types, datasource info, parameters, parameter datatypes, reports, different configurations, SQL's etc.	

ric"},{"name":"String"}]},"datasource":[{"id":1,"configure	
":" <globalid>1</globalid> ","name":"connection1","type":	
{"name":"Managed	
DataSource" "type": "global idbc" \ \] "dashboard": { "html":	
"" "ass" """) "monometers" [] "monometers" [[["id":1 "configure".	
, css : }, parameters :[], reports :[{ 1d :1, configure :	
"var report1 = { \n name: $\report1,\n$ type: $\report1,\n$	
listeners:[\"column_name\"],\n requestParameters :{\n	
column name: \"column name\"\n }\n vf: {\n id·	
$ 1\rangle n $ file: ' effect name 'n) n effect (n	
file: _efwd_file_name_\n },\n ntmlElementid:	
\"#htmlelement_id\", // provide report id here\n	
executeAtStart: true // it can be true or	
false\n}:"."visualisation":" <dimensions>column_name<td></td></dimensions>	
imensions \n_Measures \column_name	
\n', name : report1', vizName : Area', type : EFw-	
c3","subtype":"Area","icon":"AreaChart","sql":{"id":1,"ty	
pe":"sql","text":"select	
\n\t\"HIUSER\" \"employee_details\" \"address\" as	
\"employee_details_address\" \n	
\territoryce_details_address\n	
\tsum(\"HIUSER\".\"employee_details\".\"age\") as	
\"sum_age\" \nfrom\n\t\"HIUSER\".\"employee_details\"	
\ngroup	
by\n\t\"HIUSER\".\"employee details\".\"address\"	
FETCH FIRST 1000 ROWS	
ONI V" "dote Courses", (": 4", 1 "," " (' 1") "	
UNL I, dataSource :{ "Id":1, "name": "connection1"},"par	
ameters":[]}}],"currentEditor":{"type":"reports","name":"r	
eport1","component":"sql"},"sqlList":[{"id":1,"type":"sql",	
"text":"select	
\n\t\"HILISED\"\"amplayaa_dataila\"\"addrass\" as	
(III) HIUSER(.) employee_details(.) address(as	
\"employee_details_address\",\n	
\tsum(\"HIUSER\".\"employee_details\".\"age\") as	
\"sum_age\" \nfrom\n\t\"HIUSER\".\"employee_details\"	
\ngroup	
hy/n/t/"HIUSEP/" /"amployee_details/" /"addrass/"	
EFTCH FIDGE 1000 DOMG	
FETCH FIRST 1000 ROWS	
ONLY","dataSource":{"id":1,"name":"connection1"},"par	
ameters":[]]],"aceText":"","uuid":"","showDatasource":tru	
e."showDashboard".false."showParameter".true."showRep	
ort":true "Editor":("true":"reports" "name":"report1" "com	
ort true, Editor :{ type : reports , name : reporti , com	
ponent":"sql","aceText":"select	
\n\t\"HIUSER\".\"employee_details\".\"address\" as	
\"employee details address\".\n	
\tsum(\"HIUSER\" \"employee details\" \"age\") as	
/// age/) as	
sum_age \nfrom\n\t\ HIUSER\ .\ employee_details\	
\ngroup	
by\n\t\"HIUSER\".\"employee_details\".\"address\"	
FETCH FIRST 1000 ROWS	
ONLY"} "editing" false "isEditor"."" \ "htmlString"."" "or	
String","" "configurations" ("rements" [["	
souring . , configurations :{ reports :[{ report :{ 1d :: 1"	
, "name": "report I", "value": "var dashboard = Dashboard \n	
dashboard.resetAll() $\n \n$ var report1 = { $\n name$:	
\"report1\",\n type:\"chart\",\n	
listeners:[\"column_name\"].\n requestParameters :{\n	
column name: \"column name\"\n \ \n vf: \\n id	
$\frac{1}{1}$	
$1 $, 1 , 1 IIIe: _erwv1_name_ n , $n $, $n $ erwd : { n	
tile: <u>'efwd_tile_name_</u> \n },\n htmlElementId:	
\"#htmlelement_id\", // provide report id here\n	
executeAtStart: true $//$ it can be true or false n :	
"}}]} "efwd":{"dataSources":{"connections":[{"connections":[{"connections":[]}]}	
n"(["id","1" "tyme","alobal idba" "someDataila", ("-1-1-11-	
II., IU. I, type . global.jubc , connictalis :{ globalid	
: 1 }}]},"dataMaps":[{"dataMap":{"name":"report1","id	
":"1","type":"sql","connection":"1","query":"select	
\n\t\"HIUSER\".\"employee_details\".\"address\" as	
\"employee details address\" \n	
\tsum(\"HIIISER\" \"employee details\" \"age\") as	
sum(IIIOSEK . employee_uctans(. age() as	
\ sum_age\ \nrrom\n\t\"HIUSEK\".\"employee_details\"	
\ngroup	
by\n\t\"HIUSER\".\"employee_details\".\"address\"	
FETCH FIRST 1000 ROWS	
ONLY"}}]} "visualisation" [{"id"."1" "name"."report1" "t	
vno" "EEW	
ype. Erw-	
c3","subtype":"Area","DataSource":"1","Dimensions":"col	

	umn_name", "Measures": "column_name"}], "dir": "1570702 719854", "file": "SampleCEReport"}		
Response Output(JSON Format)	{"status":1,"response":{"uuid":"48ddd567-47a0-44a4-ab50- Odedf0a901c5.efwce","message":"Design is saved successfully"}}		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the uuid with .efwce file name and the success message		
Service Status	200 OK		
Screenshot	POST v http://192.168.2.196:7085/hi-ee//services Save v		
	Params Authorization Headers (10) Body • Pre-request Script Tests Settings Cookies Code • none • • • • • • • • •		
	<pre>j_username:hiadmin j_password:hiadmin type:dashboard serviceType:efwce service:designer formData:{"state":{"allTypes":{"sqlTypes":[{"name":"sql"}, {"name":"sql.groovy"}, {"name":"sql.adhoc"}}, "vizTypes":[{"name":"Area", "type":"EFW- c3", "subtype":"Area", "icon": "AreaStart"}, {"name":"Area Spline", "type":"EFW-c3", "subtype":"AreaSpline", "icon":"AreaSplineChart"}, {"name":"Area Step", "type":"EFW-c3", "subtype":"AreaStep", "icon": "AreaStep", "icon": "IconState", "icon": "Brw-C3", "subtype": "IconState", "icon": "Scatter', "icon": "Scatter', "icon": "Scatter', "icon": "Scatter', "icon": "Scatter', "icon": "Scatter', "iconState", "iconState", "iconState", "icon", "iconState", "iconState", "iconState", "iconState", "iconState", "iconState", "icon", "iconState", "iconState", "icon", "iconSt</pre>		
	Body Cookies (4) Headers (7) Test Results Status: 200 OK Time: 142ms Size: 414 B Save Response 🔻		
	Pretty Raw Preview Visualize BETA HTML 🔻 📅		
	1 {["status":1,"response":{"uuid":"48ddd567-47a0-44a4-ab50-0dedf0a901c5.efwce","message":"Design is saved successfully"}}		

7.2 Edit Report CE

Page : http://192.168.2.156:8085/hi-ee/ce-report-edit.html

Note : Below API is to select efwce file which user want to edit .So after that you can do changes in efwce file and save file /saveAs file is nothing but the <u>Create Report CE API</u>.

This service is used when user wants to edit the existing efwce report this service simply provides the state information which is already saved in efwce file for this service user need to provide efwce fileName and its dir.

URL	/services		
Description	It allows user to fetch/get the EFWCE report for Edit EFWCE. It returns the state of efwce report as response.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//service	28	
	Access through Curl command :		
	curldata 'j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceType=ef wce&service=fetch&formData={"dir":"1570702719854","file":"939490c7- 1a39-43d3-8b8d-1b1802ba57ee.efwce"}' http://192.168.2.196:7085/hi- ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	dashboard	Type as dashboard type.	
serviceType:	efwce	Service type as efwce	
service:	fetch	Service to edit the efwce report	
formData:	{"dir":"1570702719854","file":"939490c7 -1a39-43d3-8b8d-1b1802ba57ee.efwce"}	Formdata contains the efwcefile physical name and the directory of file(physical name) where efwce report is saved	
Response Output(JSON Format)	<pre>{"status":1,"response":{"state":{"allTypes":{"sqlTypes":[{"name":"sql"},{"name":"s ql.groovy"},{"name":"sql.adhoc"}],"vizTypes":[{"name":"Area","type":"EFW- c3","subtype":"Area","icon":"AreaChart"},{"name":"Area Spline","type":"EFW- c3","subtype":"AreaSpline","icon":"AreaSplineChart"},{"name":"Area Step","type":"EFW- c3","subtype":"EFW- c3","subtype":"AreaStep","icon":"AreaStepChart"},{"name":"Bar","type":"EFW- c3","subtype":"bar","icon":"BarChart"},{"name":"Donut","type":"EFW- c3","subtype":"donut","icon":"DonutChart"},{"name":"Gauge","type":"EFW-</pre>		

c3", "subtype": "gauge", "icon": "HICircularGauge" }, { "name": "Line", "type": "EFW-
c3", "subtype": "Line", "icon": "LineChart" }, { "name": "Pie", "type": "EFW-
c3","subtype":"Pie","icon":"PieChart"},{"name":"Scatter","type":"EFW-
c3", "subtype": "Scatter", "icon": "ScatterChart" }, {"name": "Spline", "type": "EFW-
c3", "subtype": "Spline", "icon": "SplineChart" }, { "name": "Step", "type": "EFW-
c3", "subtype": "Step", "icon": "StepChart" }, { "name": "Cross
Tab"."type":"EFW-
CrossTab", "icon": "HICrossTable"}. { "name": "Table", "type": "EFW-
Table", "icon": "HITable"}, {"name": "Custom", "type": "Custom", "icon": "VF" }], "conn
Types":[{"clazz":"com.helicalinsight.datasource.GlobalJdbcDataSource"."classifier"
;"global","name":"Managed
DataSource", "type": "global.idbc", "hidden": "false"}, {"clazz": "com.helicalinsight.dat
asource.JDBCDriver", "classifier": "efwd", "name": "Plain
Jdbc
DataSource", "type": "sql.idbc", "hidden": "false" }, { "clazz": "com.helicalinsight.adhoc.
SalAdhocDriver"."classifier":"efwd"."name":"Adhoc
DataSource", "type": "sal.adhoc", "hidden": "true"}, {"clazz": "com.helicalinsight.datas
ource.ExtJDBCDriver"."classifier":"efwd"."name":"Groovy
Plain Idbc
DataSource", "type": "sql.idbc.groovy", "hidden": "false" }], "parameterTypes": [{ "name
":"Collection"}, {"name":"Numeric"}, {"name":"String"}]}, "datasource":[{"id":1."co
nfigure":"
<pre><globalid>1</globalid>" "name"·"connection1" "type"·{"name"·"Managed</pre>
DataSource" "type"·"global idbc"}}] "dashboard"·{"html"·"" "css"·""} "parameters"
·[] "reports"·[{"id"·1 "configure"·"var
report $1 = \{ \ln name; \"report 1 \", \n type: \chart \", \n //listeners: [\"column name \"], \n mathematical and \n mathemati$
// requestParameters :{\n //
column_name: $\column_name \(\n // \) \n vf : {\n id: \"1\".\n file:$
$efwyf name '\n } n } efwd : {\n file:$
' efwd_file_name_\n }\n htmlElementId : \"#htmlelement_id\". // provide report
id here\n executeAtStart: true // it
can be true or
false\n}:"."visualisation":" <dimensions>column_name</dimensions> \n <measures< td=""></measures<>
>column_name
\n"."name":"report1"."vizName":"Area"."type":"EFW-
c3", "subtype": "Area", "icon": "AreaChart", "sql"; {"id":1, "type": "sql", "text": "select
\n\t\"HIUSER\" \"employee details\" \"address\" as \"employee details address\" \n
\tsum(\"HIUSER\".\"employee details\".\"age\") as \"sum age\"
\nfrom\n/t\"HIUSER\".\"employee_details\" \ngroup
by/n/t/"HIUSER/"./"employee_details/"./"address/" FETCH FIRST 1000 ROWS
ONLY", "dataSource": {"id": 1. "name": "connection 1" }. "parameters": [] } }. "currentEdi
tor"·{"type"·"dashboard" "name"·"" "component"·"css"} "sqlList"·[{"id"·1 "type"·"s
al"."text":"select
\n\t\"HIUSER\".\"employee details\".\"address\" as \"employee details address\".\n
\tsum(\"HIUSER\".\"employee details\".\"age\") as \"sum age\"
\nfrom\n\t\"HIUSER\".\"employee details\" \ngroup
by/n/t/"HIUSER/"./"employee details/"./"address/" FETCH FIRST 1000 ROWS
ONLY", "dataSource"; {"id":1, "name": "connection1"}. "narameters": []]]. "aceText".""
"mid":"939490c7-1a39-43d3-8b8d-
1b1802ba57ee", "showDatasource":true, "showDashboard":true, "showParameter":true
e."showReport":true."Editor":{"type":"","name":"","component":"","aceText"·""} "e
diting":false."isEditor":""}."reportName":"SampleCEReport"}}
C and, a man of the first state port of the

Description of Response Output:	The response of the API is, it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the uuid with .efwce file name and the success message along with state of the efwce report		
Service Status	200 OK		
Screenshot	POST v http://192.168.2.196:7085/hi-ee//services Save v		
	Params Authorization Headers (10) Body • Pre-request Script Tests Settings Cookies Code		
	none form-data form-utata rewuw-form-urlencoded raw form-data form-data form-data form-data form-data form-data		
	Key-Value Edit		
	j_username:hiadmin j_password:hiadmin type:dashboard serviceType:efwce service:fetch formData:{"dir";"1570702719854","file":"939490c7-1a39-43d3-8b8d-1b1802ba57ee.efwce"}		
	Body Cookies (4) Headers (7) Test Results Status: 200 OK Time: 50ms Size: 3.89 KB Save Response 🔻		
	Pretty Raw Preview Visualize BETA HTML V 🚍		
	<pre>1 {{"status":1,"response":{"statu":{"allypes":{"sqlTypes":{"s</pre>		

7.3 Get Report CE Types

This service API is used to get the different types which are available for Report CE.

URL	/services		
Description	It allows user to get the EFWCE report types as response.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi-ee//services		
	Access through Curl command :		
	curldata 'j_username=hiadmin&j_password=hiadmin&type=util&serviceType=io&servic e=getTypesDetails&formData={}' http://192.168.2.196:7085/hi-ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	util	Type as util type.	
serviceType:	io	Service type as io	
service:	getTypesDetails	Service to getTypesDetails of the efwce report	
formData:	{}	Formdata as empty	

Response Output(JSON Format)	<pre>{"status":1,"response":{"sqlTypes":[{"name":"sql"},{"name":"sql.groovy"},{"name ":"sql.adhoc"}],"vizTypes":[{"name":"Area","type":"EFW- c3","subtype":"Area","icon":"AreaChart"},{"name":"Area Spline","type":"EFW- c3","subtype":"AreaStep","icon":"AreaStepChart"},{"name":"Bar","type":"EFW- c3","subtype":"bar","icon":"AreaStepChart"},{"name":"Bar","type":"EFW- c3","subtype":"donut","icon":"AreaStepChart"},{"name":"Gauge","type":"EFW- c3","subtype":"Line","icon":"LineChart"},{"name":"Line","type":"EFW- c3","subtype":"Line","icon":"LineChart"},{"name":"Line","type":"EFW- c3","subtype":"Line","icon":"LineChart"},{"name":"Line","type":"EFW- c3","subtype":"Line","icon":"LineChart"},{"name":"Scatter","type":"EFW- c3","subtype":"Scatter","icon":"ScatterChart"},{"name":"Spline","type":"EFW- c3","subtype":"Spline","icon":"SplineChart"},{"name":"Spline","type":"EFW- c3","subtype":"Scatter","icon":"ScatterChart"},{"name":"Step","type":"EFW- c3","subtype":"Spline","icon":"StepChart"},{"name":"Step","type":"EFW- c3","subtype":"Step","icon":"StepChart"},{"name":"Cross Tab","icon":"HICrossTable"},{"name":"Table","type":"EFW- Table","icon":"HICrossTable"},{"name":"Custom","icon":"VF"}],"conn Types":[{"clazz":"com.helicalinsight.datasource.GlobalJdbcDataSource","classifier"</pre>
	Types":[{"clazz":"com.helicalinsight.datasource.GlobalJdbcDataSource","classifier" :"global","name":"Managed

	DataSource", "type": "global.jdbc", "hidden": "false" }, {"clazz": "com.helicalinsight.dat asource.JDBCDriver", "classifier": "efwd", "name": "Plain Jdbc DataSource", "type": "sql.jdbc", "hidden": "false" }, {"clazz": "com.helicalinsight.adhoc. SqlAdhocDriver", "classifier": "efwd", "name": "Adhoc DataSource", "type": "sql.adhoc", "hidden": "true" }, {"clazz": "com.helicalinsight.datas ource.ExtJDBCDriver", "classifier": "efwd", "name": "Groovy Plain Jdbc DataSource", "type": "sql.jdbc.groovy", "hidden": "false" }], "parameterTypes": [{"name": "Collection" }, {"name": "Numeric" }, {"name": "String" }] }	
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as type details of the efwce report	
Service Status	200 OK	
Screenshot	POST http://192.168.2.196:7085/hi-ee//services Save Save Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookles Code In none form-data x-www-form-urlencoded raw binary GraphOL BETA	
	Key-Value Edit j_username:hiadmin j_password:hiadmin type:uill service:getTypesDetails formData:{} Body Cookles (4) Headers (8) Test Results Status: 200 OK Time: 75ms Size: 2.07 KB Save Response. • Pretty Raw Preview Visualize BETA HTML • => 1 ["status":1,"response":{"sql:groovy"},"mame":"sql.groovy"},"mame":"sql.adnoc"]],"vizTypes":{["name": "Area", "type": "EFN-C3", "subtype": "EFN-C3", "subtype: "EFN	

7.4 Delete Report CE

This service will perform delete operation on efwce report this service will delete all 5 generated files

- *.efwce
- *.efw
- *.efwd
- *.efwvf
- *.html

This service requires efwce file name with or with out extension and its physical directory.

URL	/services		
Description	It allows user to delete EFWCE report		
Pre-requisite	User should have logged in before acces module] If the user is not logged in then you will ge	ssing the service. <u>[Refer login</u> t login page.	
Accessible for	ROLE_ADMIN, ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser : http://192.168.2.156:8085/hi-ee//services Access through Curl command : curldata 'j_username=hiadmin&j_password=hiadmin&type=dashboard&serviceType=ef wce&service=delete&formData={"dir":"1570702719854","file":"939490c7- 1a39-43d3-8b8d-1b1802ba57ee.efwce"}' http://192.168.2.196:7085/hi- ee//services -v		
HTTP Request Key	HTTP Request Value	Description	
type:	dashboard	Type as dashboard type.	
serviceType:	efwce	Service type as efwce	
service:	delete	Service to delete the efwce report	
formData:	{"dir":"1570702719854","file":"939490c7 -1a39-43d3-8b8d-1b1802ba57ee.efwce"}	Formdata contains the efwcefile physical name and the directory of file(physical name) to delete efwce report.	
Response Output(JSON	{"status":1,"response":{"message":"5 F	<pre>ile(s) deleted successfully"}}</pre>	

Format)		
Description of Response Output:	The response of the API is , it returns the success status value as 1 if it fails returns 0 as the status. It returns response as the success message for delete operation.	
Service Status	200 OK	
Screenshot	POST • http://192.168.2.196:7085/hi-ee//services Save •	
	Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies Code	
	Key-Value Edit.	
	j_username:hiadmin j_password:hiadmin type:dashboard servicerype:efwce service:delete formData:{"dir":"1570702719854","file":"939490c7-1a39-43d3-8b8d-1b1802ba57ee.efwce"}	
	Body Cookies (4) Headers (8) Test Results Status: 200 OK Time: 55ms Size: 445 B Save Response V	
	Pretty Raw Preview Visualize BETA HTML * 📅	
	<pre>1 {"status":1,"response":{"message":"5 File(s) deleted successfully"}}</pre>	

Error and its interpretation

Generally an error occurs when the request is malformed or invalid. The error can also occur on the server side. The following pattern is followed throughout the application. The http status code is 200, and content type is application/json.

The client/browser receives an JSON object of the following structure when an error occurs as given below:

JSON object structure	Description
	status 0: It indicates an error occurred.
{	
"status": 0,	response: This is a JSON object that holds the
"response": {	errordetails.
"message": "Validation Error",	
"data": {	message: The message contains the Error message
"message": "'columns' No	
columns selected"	data: This is a JSON object (may or may not
}	bepresent in case of error)
}	
}	message: This contains the extra/detailed
	information for the error type.

Example 1: When no columns are selected in the adhoc report generation the following json is obtained.

```
"status": 0,
"response": {
    "message": "Validation Error",
    "data": {
        "message": "'columns' No columns selected"
    }
}
```

{

Example 2: SQL Error obtained when the user tries to add multiple group function in a single column

```
status": 0,
    "response": {
        "message": "Error: SQLException: Invalid use of group function"
    }
}
```

ł

Example 3: SQL Error obtained when the user tries to join different table that are not joined

```
{
    "status": 0,
    "response": {
        "message": "Error: QueryBuilderException: Can't prepare sql query. Can't join tables cache
        and organization."
        }
}
```

• The file extensions can be customized by changing their value in setting.xml extentions element.

Miscellaneous API's

1. Login URL :

URL	/, index.html, login.html/
Description	User Login Page If user already logged in then user will see welcome page for respective user.
Pre-requisite	The Helical Insight Application should be up.
Accessible for	Everyone
HTTP Request Method	GET ,POST
Example	http://192.168.2.156:8085/hi-ee/ http://192.168.2.156:8085/index.html http://192.168.2.156:8085/login.html/ Curl command : curl GET/POST http://192.168.2.156:8085/hi-ee/index.html curl GET/POST http://192.168.2.156:8085/hi-ee/login.html/ curl GET/POST http://192.168.2.156:8085/hi-ee/
Response Output	Will get login Page html contents.
Description of Response Output:	The Response output is the login page html contents.
Service Status	200 OK

	GET http://192.168.2.156:8085/hi-ee/ Authorization Headers (1) Body Pre-request Script Tests	Params Send Y
ScreenShot	Type No Auth ~	Status: 200 OK Time: 176 ms
	Pretty Raw Preview	
	PASSWORD	

2 Super admin Login:

Slash (default)

Pre-authentication : HI resource URL

loginURL j_username=hiadmin&j_password=hiadmin

Custom auth :

URL	j_spring_s	ecurity_check?j_username=hiadmin&j_password=hiadmi
	n	
Description	It performs submit action for login page for login to helical insight	
	application	n.
Pre-requisite	The Helical Insight Application should be up.	
Accessible for	Super admin	
HTTP Request	GET, PO	OST
Method		
HTTP Request Key	HTTP	Description
	Request	
	Value	
j_organization (optional)		Leave the organization name as blank.
j_username	hiadmin	Super admin user name
j_password	hiadmin	Super admin password
Example	http://192.168.2.156:8085/hi- ee/j_spring_security_check?j_username=hiadmin&j_password=hiad	
	mın	
	Curl comr	nand <mark>:</mark>

B esponse output	We can see the home page of the HI Application with super admin	
Response output	we can see the nome page of the Hi Application with super autility	
	access.	
Description of	Will see the home page of HI application	
Response Output:		
Service Status	200 OK	
Screenshot	POST V http://192.168.2.156:8085/hi-ee/j_spring_security_check?j_username=hiadmin&j_password=hiadmin Params Send V Save V	
	Authorization Headers (1) Body • Pre-request Script Tests Cookies Code	
	Type No Auch 🗸	
	Body Cookies (4) Headers (8) Tests Status: 200 OK Time: 72 ms Size: 21.02 KB	
	Pretty Raw Preview	
	DOO(ENTERPROE () () () EDTION () () ()	
	Discover 🕈 🚹 Hame 🛢 Data Sources 📰 Meta Data 🔟 Reports 🖾 Dashboard Designer	
	Training Overview System Details User Management Organizations Rales Scheduling	
	Connecting to D	
	① Crenting Method	
	A Creating Grander	
	 Creating reports 	
Post-action	It will allow super admin related activities.	
	For ex. Create user, organisation, role, datasource, metadata, reports etc	

3 Welcome Page :

URL	welcome.html
Description	User will able to see the the welcome page.
Pre-requisite	User should have logged in before accessing the service. [Refer login
	module : 1.2 Super admin Login]
	If the user is not logged in then you will get login page.
Accessible for	Any authenticated user.
HTTP Request	GET,POST
Method	
Example	http://192.168.2.156:8085/hi-ee/welcome.html
	Curl commands :
Response	Welcome page will come for super admin.
Output	
Service Status	200 OK
----------------	---
Screenshot	GET http://192.168.2.156:8085/hi-ee/welcome.html Params Send Save
	Authorization Headers Body Pre-request Script Tests: Cookies Code
	Type No Auth V
	Body Cookies (4) Headers (8) Tests Status: 200 DK Time: 43 ms Size: 21.02 KB
	Ebition Of Help III hiddmin-
	Discover Training Meta Data ul Reports 2 Dashboard Designer
	Getting Started Overview System Details User Management Organizations Roles Scheduling
	Connecting to D Creating Metad
	♦ Creating Reports

4 Admin Page

URL	admin.html
Description	Admin page is the main page of the super admin where you will get
•	system related details. It is used to manage and monitor the
	organizations ,roles and its users.
	If user type :
	Super Admin : Can access / manipulate all users / organization details
	Organization Admin: Can manipulate its user details.
Pre-requisite	User should have logged in before accessing the service. [Refer login
	module : 1.2 Super admin Login]
	If the user is not logged in then you will get login page.
Accessible for	Super admin / organisation admin
HTTP Request	GET, POST
Method	
Example	http://192.168.2.156:8085/hi-ee/admin.html
Response Output	Admin main page will come for super admin/organisation admin.
Description of	On admin main page we can see the application details, system details
Response Output:	etc.
Service Status	200 OK

Screenshot	GET http://192.168.2.156:8085/hi-ce/admin.html Authorization Headers Body Pre-request Script Tests Type No Auth Body Cookles (4) Headers (8) Tests Pretty Raw Preview Discover Training Meta Dota aff Reports Stanboard Designer Training Connecting to D Creating Metad Organizations Rol © Creating Reports Creating Reports Organizations Rol	Params Send	Save Y Cookes Code
Post-action	We can check system details and we can create organisations, roles, users, datasources, metadata, reports	etc.	

- 2. URL Embedding
- 2.1 Access EFW Report
- 2.2 Access EFWS Report
- 2.3 Access Adhoc Report
- 2.4 Load metadata into metadata-edit

URL	adhoc/metadata- edit.html?dir=1463377807724/1463377836985&file=e9be6771-995b-40eb- a01c-304857a100a1.metadata				
Description	It allows user to load the metadata	t allows user to load the metadata for metadata editing purpose.			
Pre-requisite	User should have logged in before	e accessing the service. [Refer login module]			
	If the user is not logged in then you	will get login page.			
Accessible for	ROLE_ADMIN				
HTTP Request Method	GET,POST				
Example	le Access through browser : http://192.168.2.156:8085/hi-ee/adhoc/metadata-edit.html?dir=1463377807724/1463377836985&file=e9be6771-995b-40eb-a01c-304857a100a1.metadata				
	Access through Curl command	cough Curl command :			
	curldata "j_username=hiadmin&j_passwor 36985&file=e9be6771-995b-40eb http://192.168.2.156:8085/hi-ee/a	rd=hiadmin&dir=1463377807724/14633778 o-a01c-304857a100a1.metadata" dhoc/metadata-edit.html -v			
HTTP Request Key	HTTP Request Value	Description			
dir:	1463377807724/1463377836985	The directory where the metdata file is present.			
file:	e9be6771-995b-40eb-a01c- 304857a100a1.metadata	The metadata file which we want to open for editing.			
Response Output(JSON Format)	Here response is the requested ed	it metadata html contents.			

Service Status	200 OK

Screenshot	GET http://192.168.2.156:8085/hi-ee/adhoc/metadata-edit.html?dir=1463377807724/1463377836985&file Authorization Headers Body Pre-request Script Tests Type No Auth ✓	Params Send V	Save Cookies Code
	<pre>Body Cookies (5) Headers (8) Tests Pretty Raw Preview </pre> <pre> </pre>	Status: 200 OK Time: 55 ms aticon.css"/> uestrial.css"/> mscrollbar.min.css"/> .css"/>	Size: 18.39 KB

2.5 Load metadata into report-create

URL	adhoc/report- create.html?dir=1463377807724/1463377836985&file=e9be6771-995b-40eb- a01c-304857a100a1.metadata				
Description	It allows user to load the metadata	It allows user to load the metadata for report creating purpose.			
Pre-requisite	User should have logged in before	e accessing the service. [Refer login module]			
	If the user is not logged in then you will get login page.				
Accessible for	ROLE_ADMIN,ROLE_USER				
HTTP Request Method	GET,POST				
Example	Access through browser :	Access through browser :			
	http://192.168.2.156:8085/hi-ee/adhoc/report- create.html?dir=1463377807724/1463377836985&file=e9be6771-995b-40eb- a01c-304857a100a1.metadata Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14633778 36985&file=e9be6771-995b-40eb-a01c-304857a100a1.metadata" http://192.168.2.156:8085/hi-ee/adhoc/report-create.html -v				
HTTP Request Key	HTTP Request Value	Description			
dir:	1463377807724/1463377836985	The directory where the metdata file is present.			
file:	e9be6771-995b-40eb-a01c- 304857a100a1.metadata	The metadata file which we want to for report creation.			
Response Output(JSON Format)	Here response is the html content	s of report creation for requested metadata.			
Service Status	200 OK				

Screenshot	GET http://192.168.2.156:8085/hi-ee/adhoc/report-create.html?dir=1463377807724/1463377836985&file= Params Send Sa Authorization Headers Body Pre-request Script Tests Cool Type No Auth ~	ave ×
	Body Cookles (5) Headers (8) Tests Status: 200 OK Time: 32 ms Status: 200 OK Status: 200 OK Status: 200 OK Status	: 11.57 KB
	<pre>"meta hitp-equiv='pragma' content='no-cache'/></pre>	

2.6 Load adhoc report into report-edit

	-			
URL	adhoc/report-edit.html?dir=1463377807724/1463378012748&file=94b8d841- bf01-4ff3-8e9e-ac858ac8a52c.report			
Description	It allows user to load the report for report editing purpose.			
Pre-requisite	User should have logged in before	e accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN,ROLE_USER			
HTTP Request Method	GET,POST			
Example	Access through browser :			
	http://192.168.2.156:8085/hi-ee/adhoc/report- edit.html?dir=1463377807724/1463378012748&file=94b8d841-bf01-4ff3- 8e9e-ac858ac8a52c.report			
	Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14633780 12748&file=94b8d841-bf01-4ff3-8e9e-ac858ac8a52c.report" http://192.168.2.156:8085/hi-ee/adhoc/report-edit.html -v			
HTTP Request Key	HTTP Request Value	Description		
dir:	1463377807724/1463378012748	The directory where the report file is present.		
file:	94b8d841-bf01-4ff3-8e9e- ac858ac8a52c.report	The report file which we want to edit.		
Response Output(JSON Format)	Here response is the requested rep	port edit html contents.		
Service Status	200 OK			

Screenshot	GET http://192.168.2.156:8085/hi-ee/adhoc/report-edit.html?dir=1463377807724/14633780127488.file=94 Authorization Headers Body Pre-request Script Tests	Params	Send 🗸	Save Cookies	~ Code
	Type No Auth 🗸				
	Body Cookies (5) Headers (8) Tests	Status: 200 OK	Time: 32 ms	Size: 11.5	4 KB
	Pretty Raw Preview				Ū
	<pre><</pre>	con.css"/> trial.css"/> rollbar.min.c: "/>	55 [#] />		

2.7 Load designer into designer-edit

URL	designer-edit.html?dir=1463377807724/1465647380854&file=3a91fae9- 6d4d-48fc-a718-83f38613198f.efwdd				
Description	It allows user to load the dashboard designer file for dasboard editing purpose.				
Pre-requisite	User should have logged in before	e accessing the service. [Refer login module]			
	If the user is not logged in then you	If the user is not logged in then you will get login page.			
Accessible for	ROLE_ADMIN,ROLE_USER				
HTTP Request Method	GET,POST				
Example	Access through browser :				
	http://192.168.2.156:8085/hi-ee/designer- edit.html?dir=1463377807724/1465647380854&file=3a91fae9-6d4d-48fc- a718-83f38613198f.efwdd				
	Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14656473 80854&file=3a91fae9-6d4d-48fc-a718-83f38613198f.efwdd" http://192.168.2.156:8085/hi-ee/designer-edit.html -v				
HTTP Request Key	HTTP Request Value	Description			
dir:	1463377807724/1465647380854	The directory where the dashboard designer file is present.			
file:	3a91fae9-6d4d-48fc-a718- 83f38613198f.efwdd	The dashboard designer file which we want to edit.			
Response Output(JSON Format)	Here response is the requested dat	shboard designer edit html contents.			
Service Status	200 OK				

Screenshot	GET http://192.168.2.156:8085/hi-ee/designer-edit.html?dir=1463377807724/1465647380854&file=3a91fa Authorization Headers Body Pre-request Script Tests	Params	Send 🗸	Save ~
	Type: No Auth 🗸			
	Body Cookies (5) Headers (8) Tests	Status: 200 OK	Time: 29 ms	Size: 12.19 KE
	Pretty Raw Preview			Ē
	<pre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre><lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></lpre></pre>	ticon.css"/> strial.cs"/> scrollbar.min.cs SS [#] />	55"/>	

2.8 URL Printing

- 2.8.1 URL Printing for EFW report
 - 2.8.2 URL Printing for EFWSR report
 - 2.8.3 URL Printing for Adhoc report

2.9 Change Report parameters through URL

- 2.9.1 Change Report parameters through URL for EFW report
- 2.9.2 Change Report parameters through URL for EFWSR report
- 2.9.3 Change Report parameters through URL for Adhoc report

2.10 URL : Cache Refresh

Cache refresh through URL works for dashboard EFW reports , normal efw reports, adhoc reports and for efwsr reports.

Before cache refresh user will get last modified datetime and after cache refresh report will be refresh with recent data.

URL	http://192.168.2.156:8081/hi-ee/visualizeData.html		
Description	It allows user to refresh the report cache using URL for EFW report.		
URL	hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Report &file=sample_report.efw&mode=open&refresh=true		
Description	It allows user to refresh the report cache using URL for EFW report. With cache refresh for efw report refresh=true will not be in formdata.		
Pre-requisite	User should have logged in before accessing the service. [Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Rep ort&file=sample_report.efw&mode=open&refresh=true Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14633 77978248/Sample%20EFW%20Report&file=sample_report.efw&mode=o pen&refresh=true" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
data:	"{"dir":"1463377807724/14633779782 48/Sample EFW Report","start_date":"2015-01-01 12:00:00","end_date":"2015-02-01 12:00:00","vf_id":1,"vf_file":"sample_ report.efwvf"}"	² data key contains the report details like its directory, parameters, vf id and name of the vf file	
Response Output(JSON Format)	Here response html contents of the requested report.		
Service Status	200 OK		

Screenshot	POST V http://192.168.2.156:8081/hi-ee/visualizeData.html	Params	Send 🗸	Save	~
	Authorization Headers (2) Body Pre-request Script Tests		- 31		Code
	form-data form-urlencoded raw binary				
				Key-Value	Edit
	Body Cookles (6) Headers (5) Test Results	Status: 500 Im	temal Server Error	Time: 367	// 7 ms
	Pretty Raw Preview			J.	Ū
	<pre></pre> <pre><</pre>	/favicon.ico" /> trial.css"/>			

2.10.2 URL : Cache Refresh for Dashboard EFW Report

URL	http://192 168 2 156:8081/hi-ee/visualizeData html		
Description	It allows user to refresh the dashboard EFW report cache using URL for dashboard EFW report.		
URL	hi- ee/hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Das hboard&file=sample_dashboard.efw&mode=open&refresh=true		
Description	It allows user to refresh the dashboard EFW report cache using URL for dashboard EFW reports.With cache refresh for dashboard EFW report refresh=true key will not be present in formdata.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you	will get login page.	
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser : http://192.168.2.156:8085/hi-ee/hi- ee/hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Das hboard&file=sample_dashboard.efw&mode=open&refresh=true Access through Curl command : curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14633 77978248/Sample%20EFW%20Dashboard&file=sample_dashboard.efw& mode=open&refresh=true" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
data:	data: {"dir":"1463377807724/14633779 78248/Sample EFW Dashboard","start_date":"2015-01-01 12:00:00","end_date":"2015-02-01 12:00:00","vf_id":7,"vf_file":"sample_ dashboard.efwvf" }	data key contains the report details like its directory, parameters, vf id and name of the vf file	
Response Output(JSON Format)	Here response will be the dashboard efw reports data.		

Service Status 200 OK

Screenshot	POST V http://192.168.2.156:8081/hi-ee/visualizeData.html	Params Send V Save V
	Authorization Headers (1) Body Pre-request Script Tests	Code
	form-data • x-www-form-uriencoded • raw • binary	
	data:{"dir":"1463377807724/1463377978248/Sample <u>EF</u> y Dashboard","start_date":"2015-01 12:00:00"," <u>vf_</u> id":7," <u>vf_</u> file":"sample <u>dashboard.sfwvf</u> "}	-01 12:00:00","end_date":"2015-02-01
	Body Cookies (6) Headers (4) Test Results	Status: 200 OK Time: 97 ms
	Pretty Raw Preview	Ē
	<pre>("id":"chart_7","script":"(function(data, chartElement){\n \n'n\t\t' dashboard.getVariable("maxValue');\n't\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t</pre>	<pre>tt\tvar maxval = thdaugeCost);\n\t\t\t\tvar name = generate(\n\t\t\t\t\t\thindto: \"echart_7\", t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\</pre>

2.10.3 URL : Cache Refresh for EFWSR Report

URL	http://192.168.2.156:8081/hi-ee/visualizeData.html		
Description	It allows user to refresh the EFWSR report cache using URL for EFWSR report.		
URL	hi- ee/hi.html?dir=1463377807724/1463377978248/Sample%20EFW%20Das hboard&file=sample_dashboard.efw&mode=open&refresh=true		
Description	It allows user to refresh the EFWSR report cache using URL for EFWSR reports.With cache refresh for EFWSR report refresh=true key will not be present in formdata.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	<u>http://192.168.2.156:8085/hi-ee/hi-</u> ee/hi.html?dir=1463377807724/1472554245045&file=SavedReport_1472 554274862.efwsr&mode=open&refresh=true		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14725 54245045&file=SavedReport_1472554274862.efwsr&mode=open&refres h=true" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value Description		
data:	"{"dir":"1463377807724/14633779782 48/Sample EFW Report","start_date":"2015-01-01 12:00:00","end_date":"2015-02-01 12:00:00","vf_id":1,"vf_file":"sample_ report.efwvf"}"	data key contains the report details like its directory, parameters, vf id and name of the vf file	

Response Output(JSON Format)	Here response will be the efwsr reports data.		
Service Status	200 OK		
Screenshot	POST v http://192.168.2.156:8081/hi-ee/visualizeData.html Params Send V Authorization Headers (1) Body • Pre-request Script Tests Code • form-data • x-www.form-uriencoded • raw • binary		
	data:{"dir":"1463377807724/1463377978248/Sample EFW Report","start_date":"2015-01-01 12:00:00","end_date":"2015-02-01 12:00:00"," <u>vf</u> id":1," <u>vf</u> file":"sample <u>report.efwf</u> "}		
	Body Cookies (6) Headers (4) Test Results Status: 200 OK Time: 47 ms Pretty Raw Preview Image: Control of the control of		

2.10.4 URL : Cache Refresh for Adhoc Report

URL	http://192.168.2.156:8081/hi-ee//services		
Description	It allows user to refresh the report cache using URL for adhoc report.		
URL	hi.html?dir=1463377807724/1463983915686/1463838054907&file=d156 0c88-be0d-4380-8225-8a8df4eb53bf.report&mode=open&refresh=true		
Description	It allows user to refresh the report cache using URL for adhoc reports. With cache refresh for adhoc report refresh=true key will be present in formdata.		
Pre-requisite	User should have logged in before accessing the service.[Refer login module]		
	If the user is not logged in then you will get login page.		
Accessible for	ROLE_ADMIN,ROLE_USER		
HTTP Request Method	POST		
Example	Access through browser :		
	http://192.168.2.156:8085/hi- ee/hi.html?dir=1463377807724/1463983915686/1463838054907&file=d1 560c88-be0d-4380-8225-8a8df4eb53bf.report&mode=open&refresh=true		
	Access through Curl command :		
	curldata "j_username=hiadmin&j_password=hiadmin&dir=1463377807724/14639 83915686/1463838054907&file=d1560c88-be0d-4380-8225- 8a8df4eb53bf.report&mode=open&refresh=true" http://192.168.2.156:8085/hi-ee/hi.html -v		
HTTP Request Key	HTTP Request Value	Description	
type:	adhoc	type of service as adhoc	
serviceType:	report	serviceType as report	
service:	fetchData	service as fetchData	

formData:	{"location":"1463377807724/1463377836985"," metadataFileName":"e9be6771-995b-40eb-a01c- 304857a100a1.metadata","databaseName":"HIU SER","columns":[{"column":"HIUSER.TRAVE LDETAILS.TRAVEL_DATE","alias":"Month"," databaseFunction":{"functionName":"sql.date.m onthname","parameters":{"column":"TRAVELD ETAILS.TRAVEL_DATE"}},{"column":"HIU SER.TRAVELDETAILS.TRAVEL_COST","ali as":"No of Travels","aggregate":true}],"functions":{"aggreg ate":[{"column":"HIUSER.TRAVELDETAILS. TRAVEL_COST","function":"db.generic.aggreg ate.count","alias":"No of Travels"}],"groupBy":[{"column":"Month","cust	formdata contains the location of the adhoc report file and other report details like columns,applied db function,agg functions , alias name etc. The main parameter in formdata is refresh value as true through which cache will be refreshed.
-----------	---	--

	om":true}],"orderBy":[{"alias":"No of Travels","order":"asc","custom":true}]},"prepend TableNameToAlias":true,"limitBy":1000,"refres h":true}			
Response Output(JSON Format)	Response will be the status 1 with response data with	refres	hed repo	ort data.
Service Status	200 OK			
Screenshot	POST http://192.168.2.156:8081/hil-ee//services Authorization Headers Body Pre-request Script Tests	Params	Send 🗸	Save ~
	<pre>Lype:agnoc service:Type:report gervice:TetcDData formpdia:('Docation':"1463377807724/1463377836985", "metadataFileName":"@Bbe5771-895b-492b-492b-492b- 30435740941.metadata", "databaseName": "HUUSER;", "columns": ('Column': "HUSER; TRAVELDETAILS; TRAVEL_DATE", "allas: "Month', "databaseFunction":("functionName":"sgl.date.monthname", "pe ("column': "ITAVELDETAILS; TRAVEL_DATE"))), ('Column': "HUUSER; TRAVELDETAILS; TRAVEL; COST, "Allas": "No of Travels", "aggregate": "Intoins"; "databasef'; "function"; "db generic: aggregate.count", "allas"; "No of Travels", "aggregate"; Travels; TRAVEL; TRAVEL; COST, "function"; "db generic: aggregate; count", "allas; "No of [('column'; "HUSER; TRAVELDETAILS; TRAVEL; TRAVEL; "function"; "db generic: aggregate; count", "allas; "No of Travels"]], "groupBy' [('column'; "HUSER; TRAVEL; TRAVEL; TRAVEL; TRAVEL; "function"; "db generic: aggregate; count", "allas; "No of Travels"]], "groupBy' [('column'; "HUSER; TRAVEL; TRAVEL; TRAVEL; TRAVEL; "function"; "db generic; aggregate; count", "allas; "No of Travels"]], "groupBy' [('column'; "HUSER; TRAVEL; TRAVEL; TRAVEL; TRAVEL; function]; "db generic; aggregate; count", "allas; "No of Travels"]], "groupBy'; [('column; "HUSER; function]; "db generic; "function]; "db generic; aggregate; function]; "db</pre>			
	Body Cookles (6) Headers (4) Test Results Pretty Raw Preview ("status":1,"response":["data":[("Month":"April","No of Travels":56),["Month":"February","No of Travels":58),["Month":"Ja" ("Month":"October","No of Travels":70),["Month":"March","No of Travels":71),["Month":"No ember","No of Travels":71,"] ("Month:":"August","No of Travels":122]],"metadata":[["1:["name":"Month","type":"text"),"2";"["name":"No of Travels","type":"text"),"2";"["name":"No of Travels","type:"text"),"2";"["name":"No o	nuary", "No of th":"July", "No u ("Month":"Se pe":"numeric")	Status: 200 OK Travels":60), of Travels::83), ptember", "No of Tr),("rows":12)]))	Time: 281 ms

Future Scope :

- 1. Helical Workflow (HWF)
- 2. Template Edit
- 3. Instant BI