IGNITE PLATFORM ADMIN USER GUIDE

Release 6.5

Contents

1 INTRODUCTION TO IGNITE

IGNITE Platform and Assets provide an end to end testing solution that enables quality, cost, and time-to-market improvements through test optimization, automation and cognitive analytics.

1.1 IGNITE Components

The solution comprises of the following components:

1. **OPTIMIZE**
   - Focus Data driving optimization for test data plans as well as using DB structures to identify attributes and values for test planning
   - Store models in a centralized repository (GitHub) rather than in local desktops for better management and version control

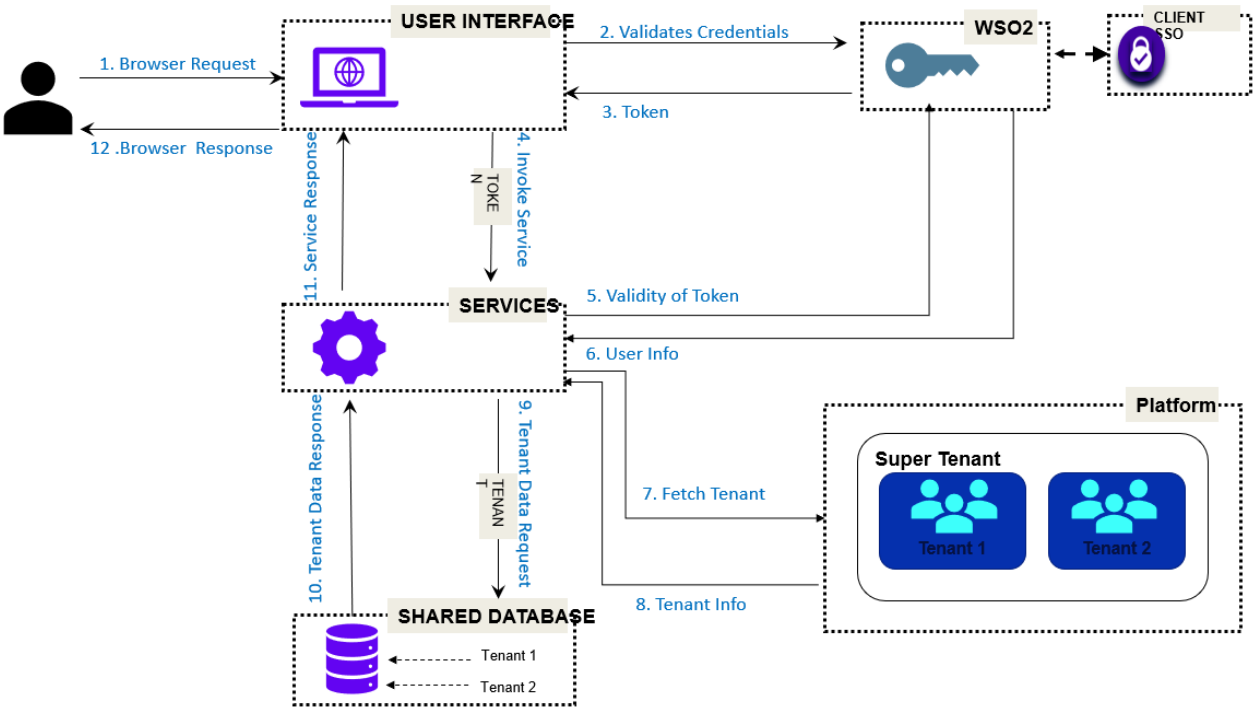
2. **AUTOMATE**
   - Complex features added in OTFA around conditional and loop execution, Individual scenario runs, support for dynamic data objects, auto-mapping efficiency improvements, external data parameterization custom function support, etc.
   - OTFA redesign initiated to move to a Microservices-based architecture allowing for DevOps integration, Leave behind architecture, parallel execution etc.
   - Support for hybrid and native applications across iOS and Android; Robust ALM integration; API Testing for SOAP protocol
   - TDM functionality built in with self-service model for data requisition and reservation and catalog support

3. **ANALYZE**
   - Project complexity profile into defect prediction
   - Feedback on defect classification for model re-learning

1.2 Multitenant support

From the IGNITE Quality Platform 6.1 release, multitenancy support will be enabled. In a multitenancy architecture, the single instance of IGNITE Quality Platform infrastructure can serves multiple clients or multiple tenants. The data belonging to each tenant is isolated and remains invisible to other tenants. This will considerably bring down the infrastructure cost and ensure that upgrading and maintaining server becomes easy.

A tenant can have users, who in turn can have access to portfolio and application

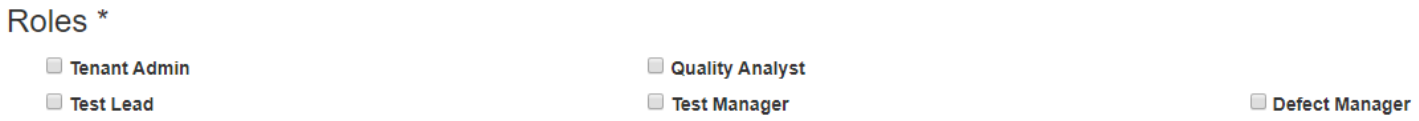


1.2.1 Impact of migration to multitenancy architecture on existing users

After the migration, the existing IgniteAdmin users will automatically become tenant admins. There is no change visibly for the QA users. They will continue to function as they did in the previous releases. A new IgniteAdmin user will be created who has the super admin responsibilities.
To know more about the roles of IgniteAdmin and Tenant Admin in the multitenancy architecture, refer to Roles and types of IGNITE users.

1.3 Roles and types of IGNITE users

Depending on the role, IGNITE can have different roles for different users. The access to different tabs is given based on roles. Following are the roles in the IGNITE Platform:



IgniteAdmin: An IgniteAdmin user is a super user and the primary role is to create tenants, Tenant Admin users and create other IgniteAdmins. However, an IgniteAdmin user can also be configured to have the roles and responsibilities of the Tenant Admin, if required. When the IgniteAdmin user is provided temporary access as the Tenant Admin, the access to tenant data can be restricted.
Tenant Admin: A tenant admin user can setup and manage applications, users, projects, test and defect management tools, and other miscellaneous setups.
Quality Analyst (QA): A quality analyst can work on applications and other tools under the IGNITE umbrella
Test manager: Test Manager should be responsible for organizing and controlling the Testing process, while ensuring visibility, traceability, and control of testing process to deliver high-quality

software. From the IGNITE perspective, the functionality will be similar to the QA, however the user will have additional control over managing quality recommendations.

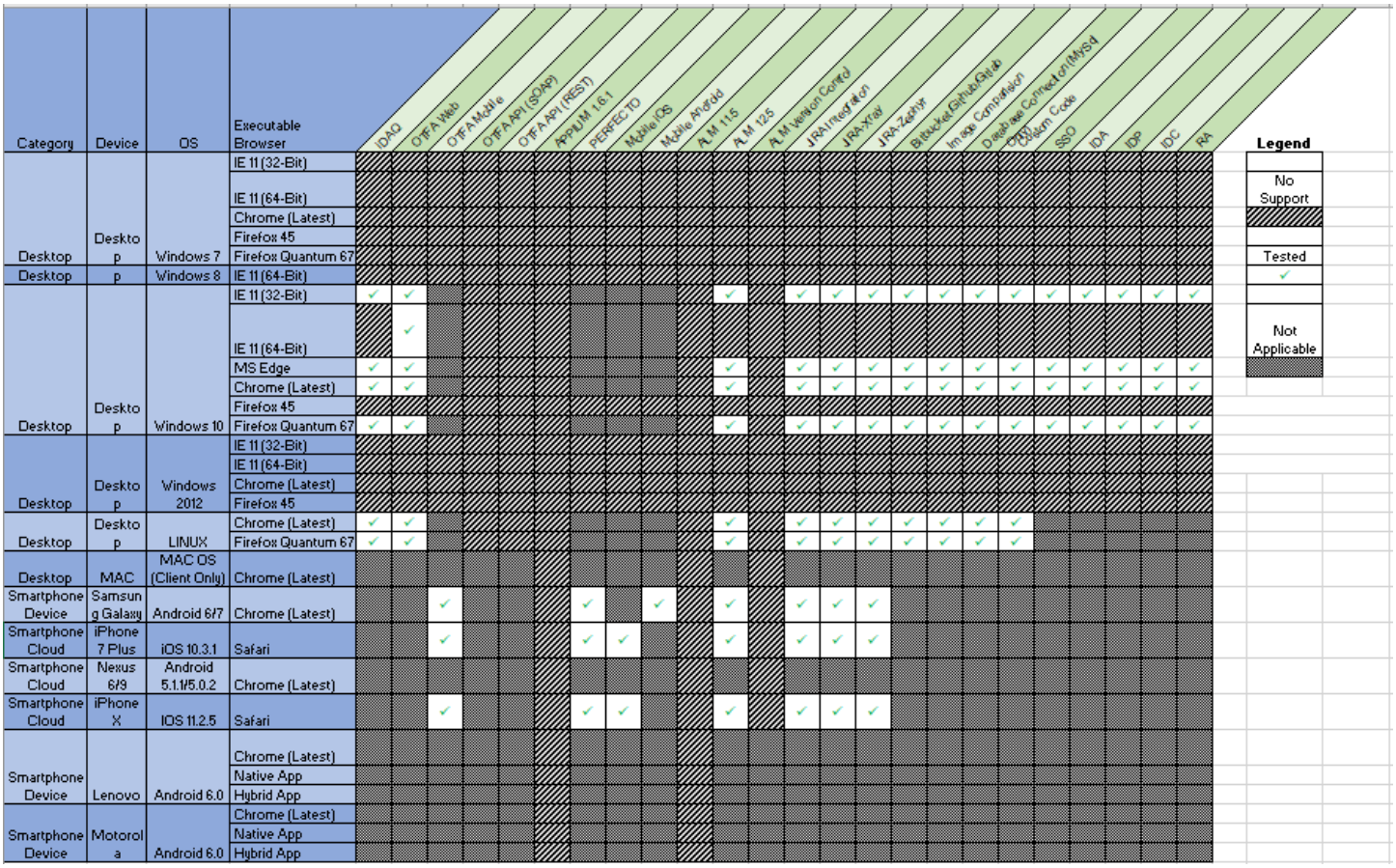
In the latest version, all functionalities applicable to a QA user are also applicable to the Admin, i.e. the admin can perform QA tasks as well.

The roles are specific to the application selected. Each user must be specifically given access to applications on IGNITE platform. A user can have admin access for one application and read-only access to another. For example, a user can have admin access to the Test Optimization application, but Read-only access to OTFA.

2 Accessing the IGNITE Quality Platform

2.1 Support matrix

For a list of supported device versions and applications, refer to the following table:



Category	Device	OS	Executable Browser	IDAO	OTFA Web	OTFA Mobile	OTFA API (SOAP)	OTFA API (REST)	RPPaUM 16.1	PERFECTO	Mobile iOS	Mobile Android	ALM 11.5	ALM 12.5	ALM version Control	JRA/Xray Fetch	JRA-Xray	JRA-Zephyr	Bitbucket/GitHub/Gitlab	Image Comparison	Database Connection (MySql, Oracle)	OCR	Custom Code	SSO	IDA	IDP	IDC	RA
Desktop	Desktop	Windows 7	IE 11 (32-Bit)																									
			IE 11 (64-Bit)																									
			Chrome (Latest)																									
			Firefox 45																									
			Firefox Quantum 67																									
Desktop	Desktop	Windows 8	IE 11 (64-Bit)																									
Desktop	Desktop	Windows 10	IE 11 (32-Bit)	✓	✓								✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			IE 11 (64-Bit)		✓																							
			MS Edge	✓	✓								✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			Chrome (Latest)	✓	✓								✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			Firefox 45																									
			Firefox Quantum 67	✓	✓								✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Desktop	Desktop	Windows 2012	IE 11 (32-Bit)																									
			IE 11 (64-Bit)																									
			Chrome (Latest)																									
			Firefox 45																									
Desktop	Desktop	LINUX	Chrome (Latest)	✓	✓								✓		✓	✓	✓	✓	✓	✓	✓							
			Firefox Quantum 67	✓	✓								✓		✓	✓	✓	✓	✓	✓	✓							
Desktop	MAC	MAC OS (Client Only)	Chrome (Latest)																									
Smartphone Device	Samsung Galaxy	Android 6/7	Chrome (Latest)			✓			✓		✓		✓		✓	✓	✓											
Smartphone Cloud	iPhone 7 Plus	iOS 10.3.1	Safari			✓			✓	✓			✓		✓	✓	✓											
Smartphone Cloud	Nexus 6/9	Android 5.1.1/5.0.2	Chrome (Latest)																									
Smartphone Cloud	iPhone X	IOS 11.2.5	Safari			✓			✓	✓			✓		✓	✓	✓											
Smartphone Device	Lenovo	Android 6.0	Chrome (Latest)																									
			Native App																									
			Hybrid App																									
Smartphone Device	Motorola	Android 6.0	Chrome (Latest)																									
			Native App																									
			Hybrid App																									

Legend

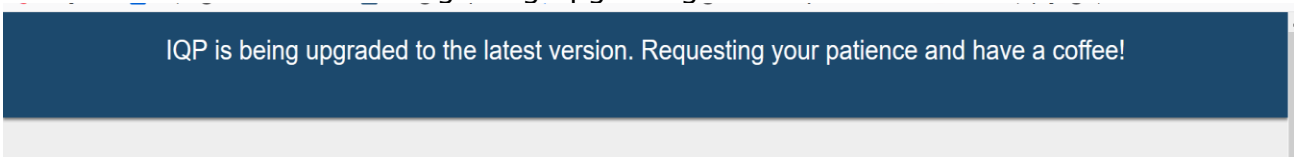
No Support
Tested ✓
Not Applicable

2.2 Logging in to IGNITE Quality Platform

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
   The landing page is displayed as follows:

- The overview section displays the number of applications and number of projects that the logged in user has access to. The Analytics section displays tiles which link to standalone tools such as STAM, COG3 etc.
- The Analytics section displays tiles which link to standalone tools such as STAM, COG3 etc.

2. .If IGNITE Quality Platform upgrading to new release , After login Logged in user can see below screen as new version getting upgrading.



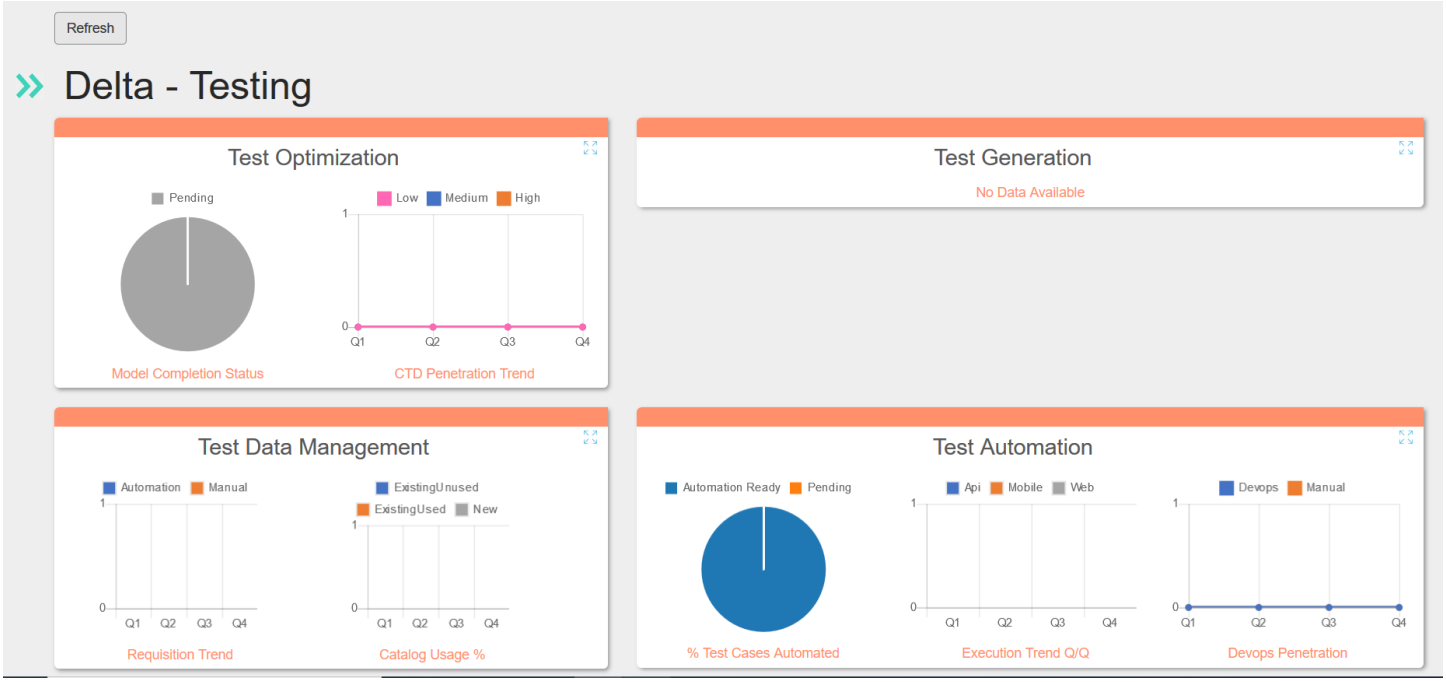
2.3 Understanding the Overview section

To access any application, click the **Applications - #** link. To access projects, click the **Projects - #** link. All the applications or projects will be displayed for admin users and only the projects and applications for which QA user has access to will be displayed.

Use the Keyword Search area to filter the displayed applications or projects based on the keyword entered.

2.4 Viewing activities related to an application

To view all the testing and quality activities for an application, click the application tile. By default, admin user has access to all the applications and the QA users can view only those application to which the access is granted.



You can use this view to perform QA functions such as:

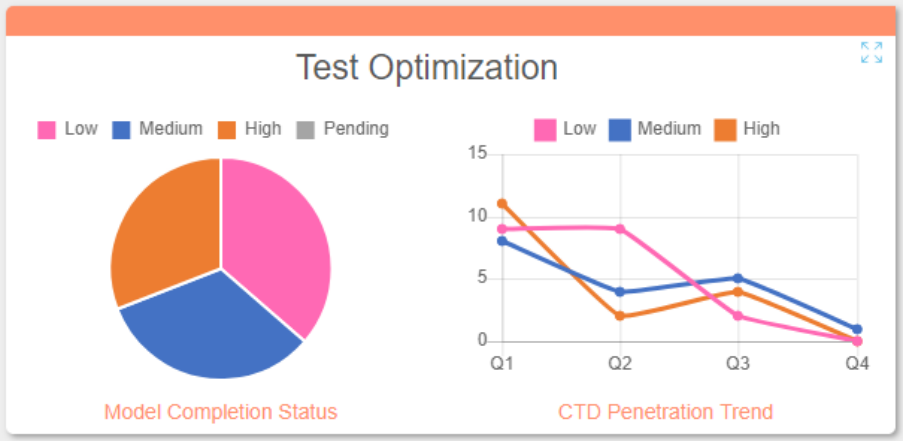
- Work with web version of FOCUS
- Automate using OTFA or Optimized Test Flow Automation
- Manage test data using IDAq - IGNITE Data Acquisition
- Analyze quality issues using IGNITE Defect Analytics
- Work with and manage quality recommendations for the application

Click the **Refresh** button to dynamically update the latest data for the charts. Only OTFA, Test Generation and IDAQ charts will be updated. All other charts are already updated with latest data.

The different tiles in this page represent different testing activities. The following sections provide additional details about these pages:

2.4.1 Test Optimization

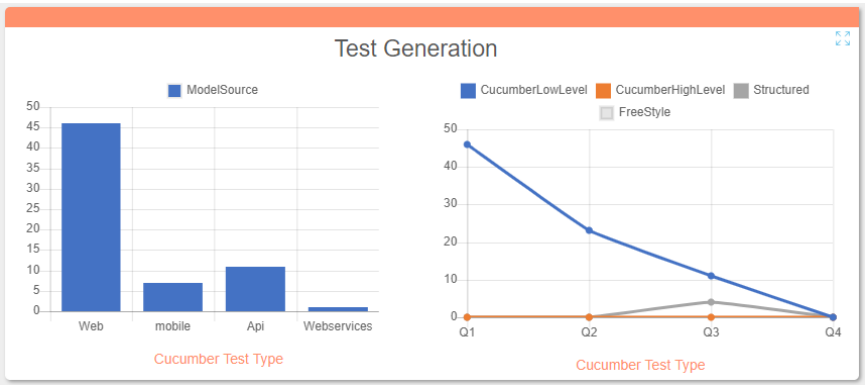
IGNITE Optimization tile contains information about the web-enabled test optimization FOCUS tool based Combinatorial test design function on the IGNITE Quality Platform. To use the IGNITE optimization tool, the GitHub/Bitbucket/Gitlab repository must be configured in IGNITE and in FOCUS.



The following graphs are shown in the Test Optimization tile:
Model Completion Status: Shows the count of models added to applications based on their complexity as Low, Medium and High along with Pending number of models. E.g. User estimated 15 models at the time of application creation for associated functionality and added 6 models so 9 are still pending.
Number of models for an application can exceed the number of models estimated by user, in that case Model Completion Status graph will not show Pending section.
CTD Penetration Trend will show the number of models quartely added to the application based on their complexity.
To access the IGNITE optimization tool, click the Test Optimization tile.

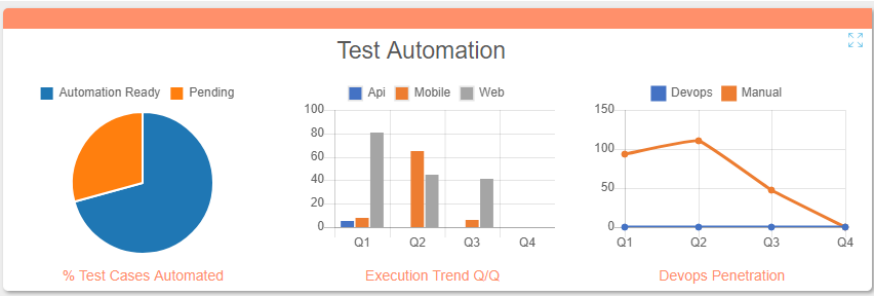
2.4.2 Test Generation

Test Generation is a web-enabled test description function on the IGNITE Quality Platform, which delivers both the FOCUS based test descriptions leveraging the benefits of optimization and non-model-based test descriptions.



2.4.3 Test Automation

The Test Automation Tile provides access to OTFA to allow automation testing of the application.

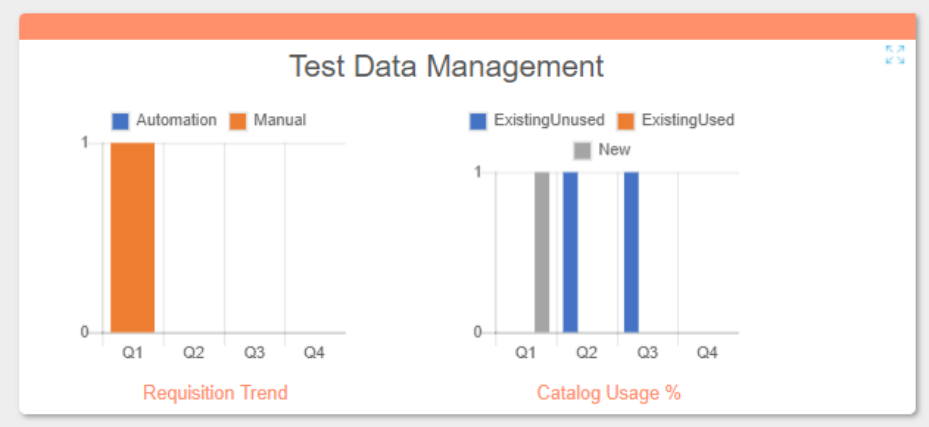


The graph shows the percentage of test cases automated, pending test cases for automation, execution trend and the DevOps penetration levels.

Click the Test Automation tile to access the OTFA tool.

2.4.4 Test Data Management

Test Data Management tile takes the user to the IDAq tool, provided IDAq access has been setup for the current user against the application.



2.4.5 Quality Plan

Quality plan is the one stop to plan and manage all the quality recommendations that come up as a retrospective during different phases of testing. As it is a part of all the post-testing reviews and retrospective analysis, and sometimes even during the testing phase, many process-related improvements are made. If implemented, these improvements will prevent future similar issues from recurring. Therefore, it becomes a key to manage, plan and track those to implementation.

The Quality plan tile can be used to:

1. Publish specific recommendations based on the recommendations generated by IDA.
2. Create and publish recommendations from OTFA.
3. Create and edit recommendations directly within the Quality plan and from OTFA depending on their roles.
4. View Open Items Timeline, view recommendations with status Overdue, In Progress and Open.
5. View Achievements and completed recommendations.

The first graph shows Category wise recommendations that are open, closed, and In progress, and the second graph shows the count of recommendations in the top 3 issue areas which need attention.

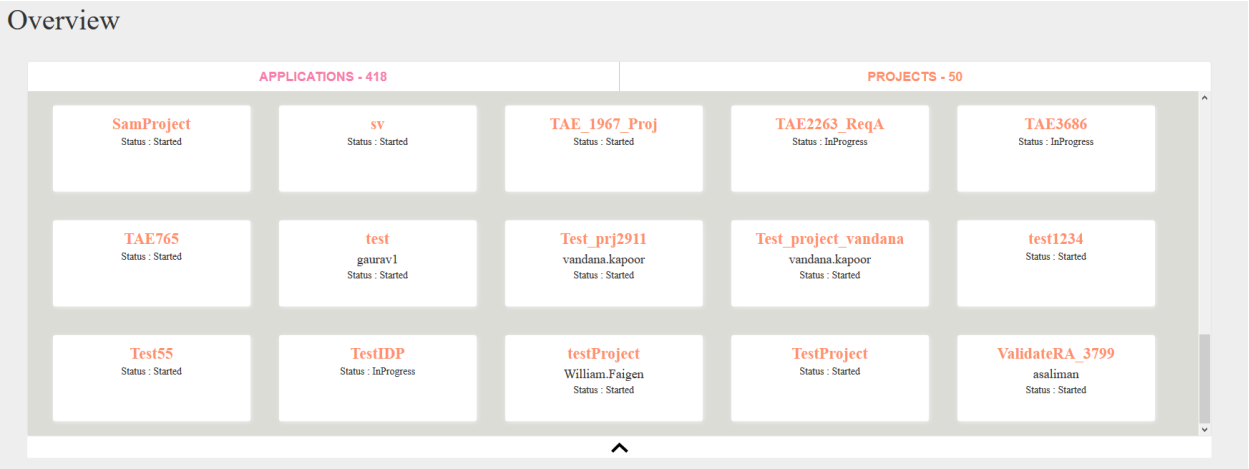
2.4.6 Defect Analytics

Clicking the Defect Analytics tile takes you to the IDA tool. The tool will show up based on the user role on IDA – Admin/Classifier/Tester.

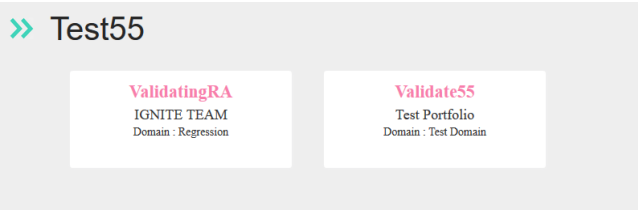
The Defect Analytics tile captures the defect count spread over releases, distributed over severity, defect rejection rate, signifying the quality of defects raised, and the defect % change from one quarter to another.

2.5 Project View

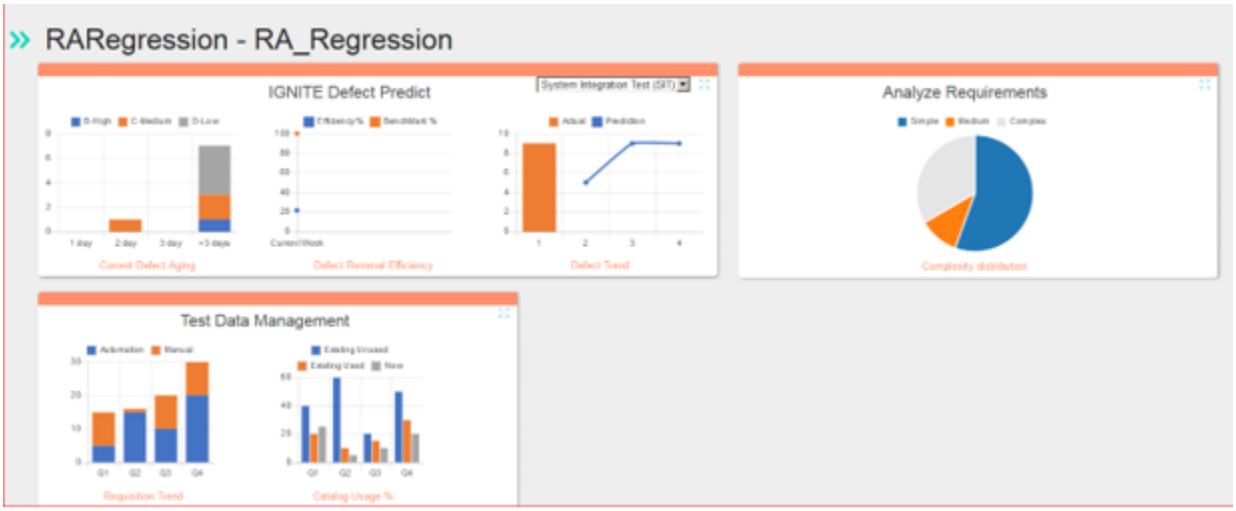
Click on the **Projects - #** link on the IGNITE landing page, to display the projects configured for the current user. The Keyword Search textbox can be used to filter the projects being displayed. The Project View provides access to the IGNITE tools, which follow a project approach such as IGNITE Defect Prediction (IDP), Requirement Analytics (RA) and IDAQ.



To view applications that are part of the project, click on any project.

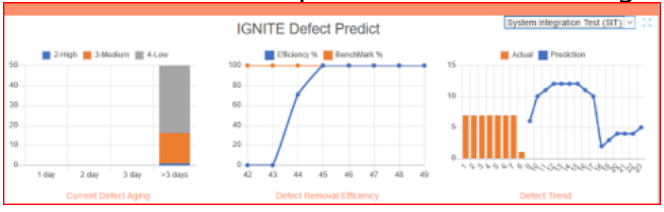


Click on the application to view IDP tile with three graphs (as per the data uploaded for IDP), Analyze Requirements tile and the IDAQ tile.



2.5.1 IGNITE Defect Predict

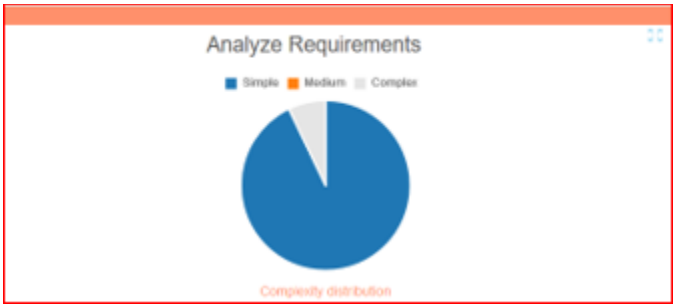
Click the IDP tile to proceed to IDP landing screen.



The IDP graphs depict the count of open defects with reference to their severity and aging, the defect removal efficiency and defect trend – Actual vs the prediction. This graph works on a particular active phase of testing for that specific application and can be toggled between all active phases from the dropdown available on the top right.

2.5.2 Analyze Requirements

Requirement analysis is a text-based analytics tool that analyses the requirements for the complexity and ranking based on derived keywords by allocating a weightage to them based on their occurrence and frequency.
User can key in requirements individually or upload bulk requirements from another source. The requirements are then used to calculate ranking and complexity which helps the user in prioritizing their test executions to find maximum and most critical defects early in the testing cycle.



The Analyze Requirements graph captures the distribution of complexity of the requirements uploaded and analyzed in the tool for the specific application.

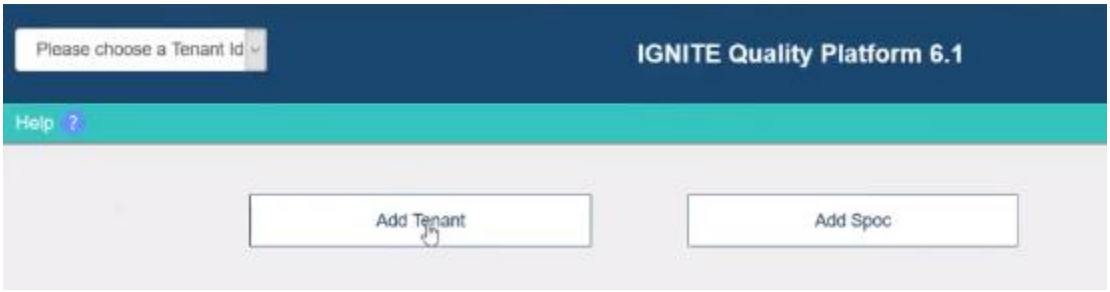
3 MANAGING TENANTS

An IGNITE admin user can add a tenant. A tenant can be a setup specific to a client or a group. All the applications are accessible to only the users, who have access to that specific tenant. Similarly, a tenant admin can configure users, portfolios, projects and applications specific to that tenant.

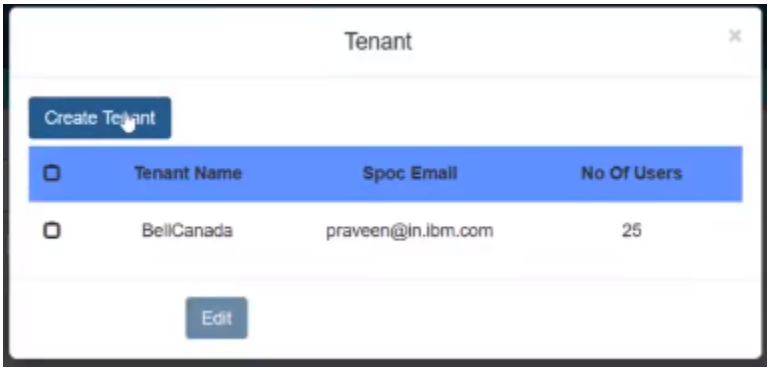
3.1 Creating a tenant

To create a tenant, complete the following steps:

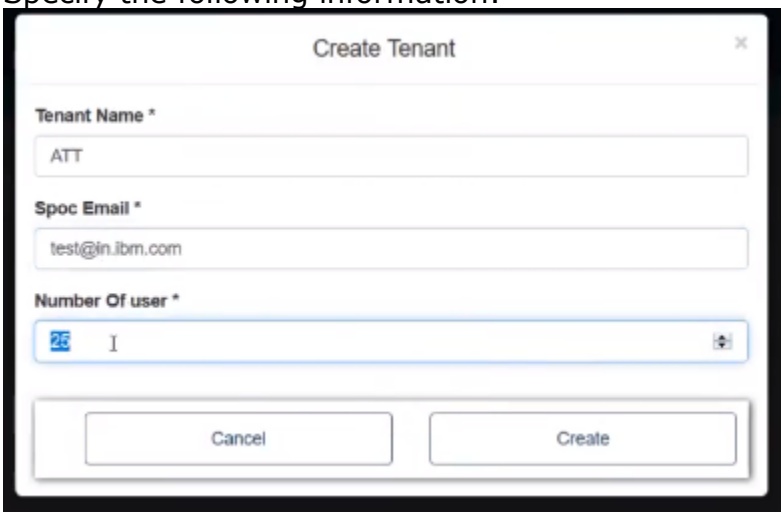
1. Log in to the IGNITE Quality Platform as the IGNITE Admin.
2. Click **Add Tenant**.



3. Click **Create Tenant**.



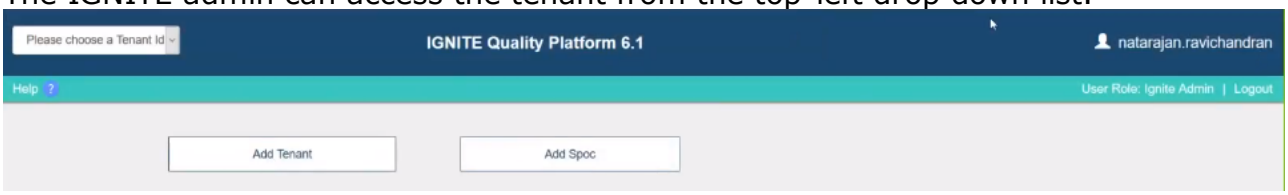
4. Specify the following information:



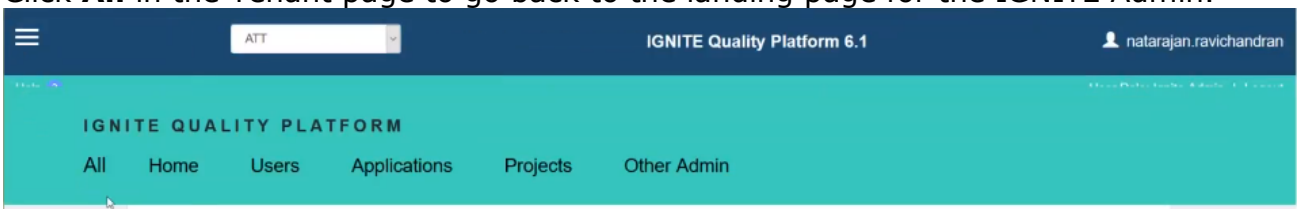
- **Tenant Name:** Specify a name for the tenant.
- **SPOC Email:** Specify mail ID of the person who will be the owner of the tenant.
- **Number of users:** Default number of users is 5. However, you can increase or decrease the number as per your requirement.

5. Click **Create** to create the tenant.

The IGNITE admin can access the tenant from the top-left drop down list.



Click **All** in the Tenant page to go back to the landing page for the IGNITE Admin.

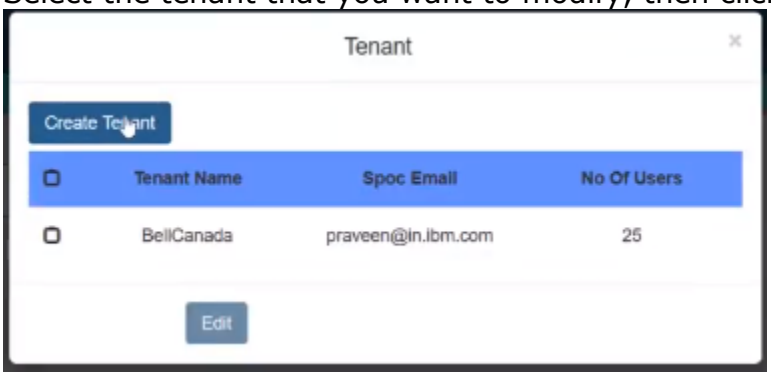


3.2 Modifying tenant details

To modify details of a tenant, complete the following steps:

1. Log in to the IGNITE Quality Platform as the IGNITE Admin.
2. Click **Add Tenant**.

3. Select the tenant that you want to modify, then click **Edit**.



4. Modify the details, then save the changes.

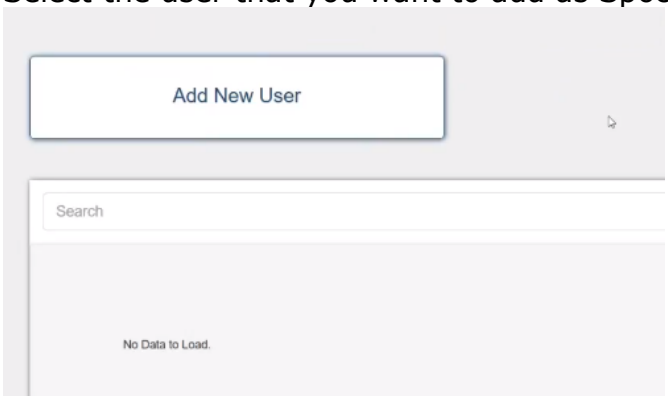
3.3 Creating Spoc users

When a tenant is created, Spoc users are assigned to that tenant. An IGNITE Admin user can create Spoc users and assign them to be IGNITE admins, or Tenant Admin, or a QA user. To create a Spoc user, complete the following steps:

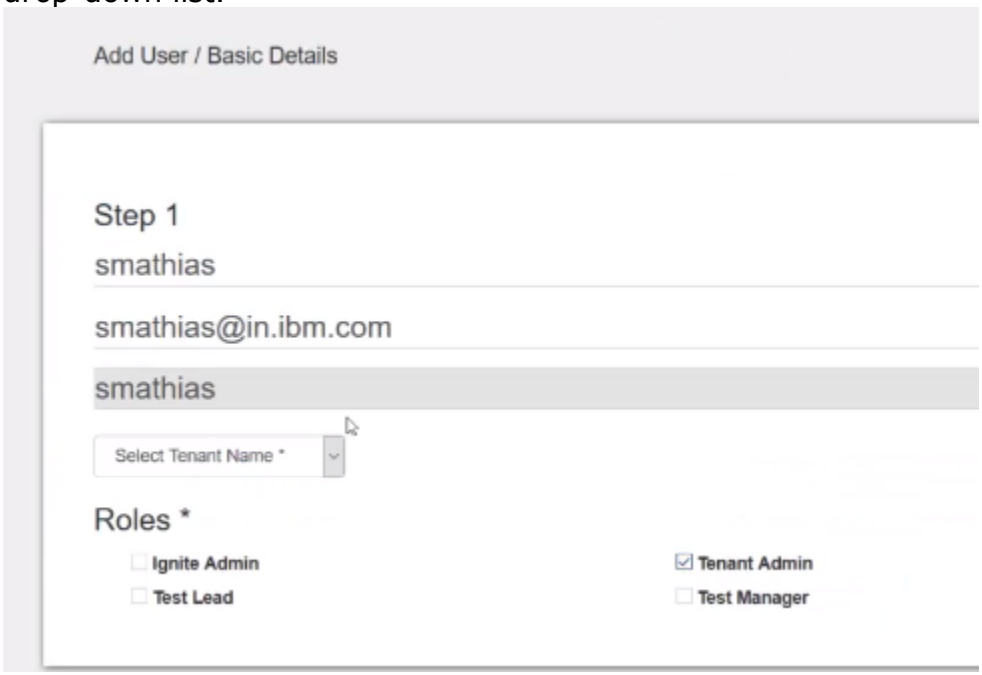
1. Log in to the IGNITE Quality Platform as the IGNITE Admin.

2. Click **Add Spoc**.

3. Select the user that you want to add as Spoc.



4. Select the tenant to which you want to add the user, from the **Select Tenant Name** drop-down list.



5. Assign the tenant admin role for the user, then click **Update user**.

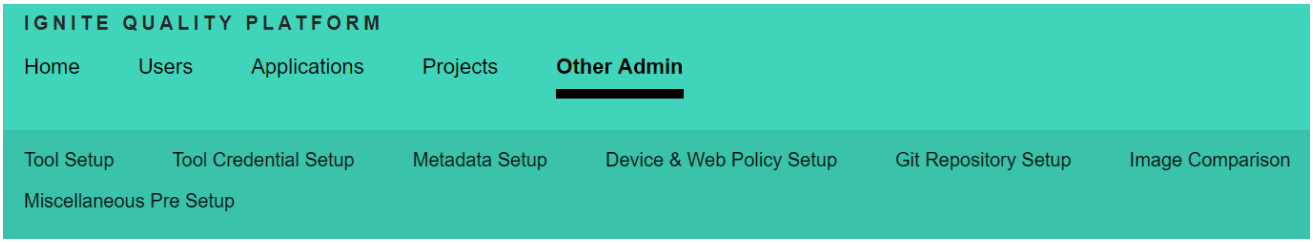
4 MANDATORY PRE-REQUISITE SETUPS

You must setup Portfolios, Business User Segments, Mobile Devices and Test Phases before you go on to create application, projects or users.

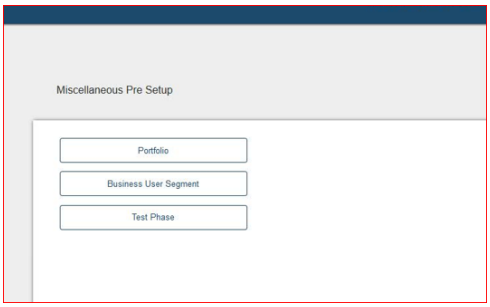
4.1 Creating a portfolio

All applications must be part of portfolios and users are provided access to application through the corresponding portfolios. You must set up Portfolios on the lines of application portfolios or lines of business. To create portfolio, complete the following:

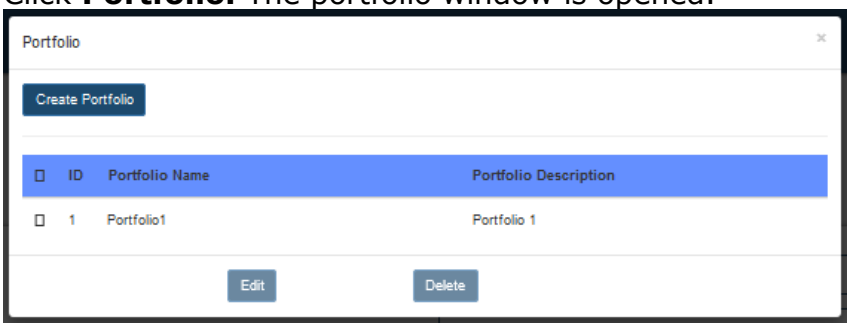
1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. From the **Menu**, select **Other Admin.**



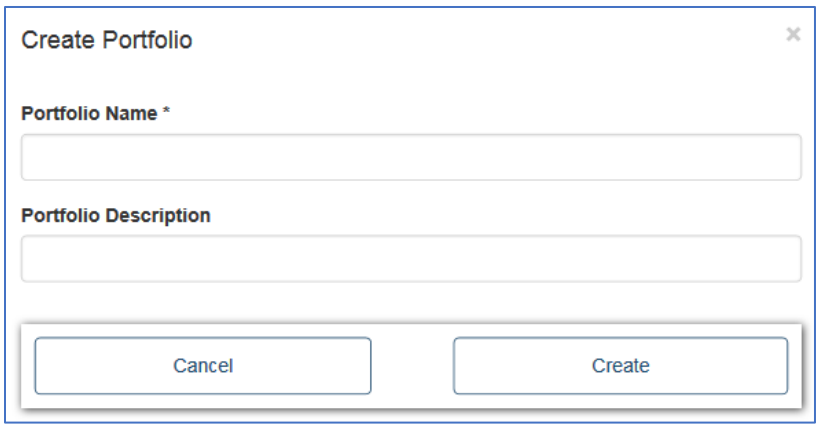
4. Click **Miscellaneous Pre-Setup.** The miscellaneous Pre-setup window is opened.



5. Click **Portfolio.** The portfolio window is opened.



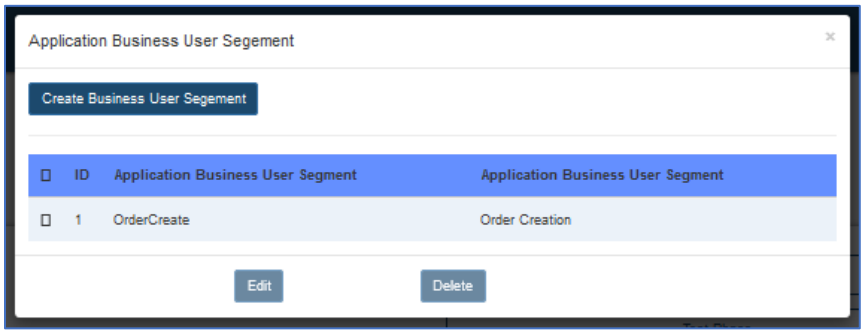
6. To create a portfolio, click **Create Portfolio**, then specify a name and description, then click **Create**.



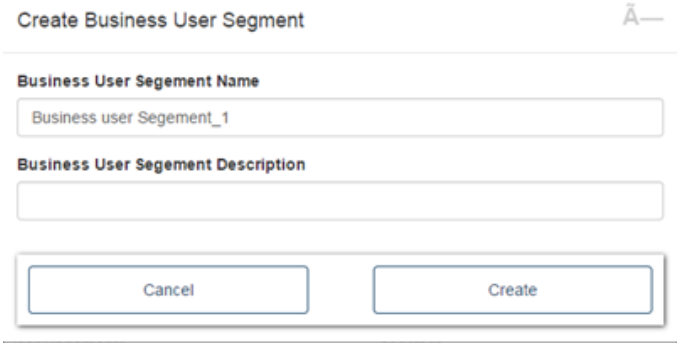
4.2 Creating a business user segment

All applications must to be linked to a Business User Segment. If you use mobile devices, then device and web policy are also linked to a Business User Segment. The Business User Segments are analogous to different types of business users. To create a business user segment, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. From the **Menu**, select **Other Admin.**
4. In the Miscellaneous Pre-Setup page, click **Business User Segment**. The Application Business User Segment popup is displayed.



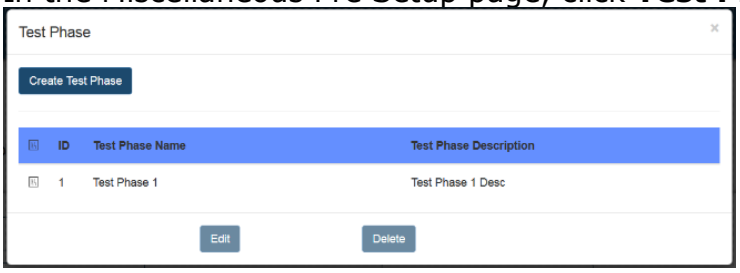
5. To add a new Business User Segment, click **Create Business User Segment**, specify Business User Segment Name and Business User Segment Description, then click **Create**.



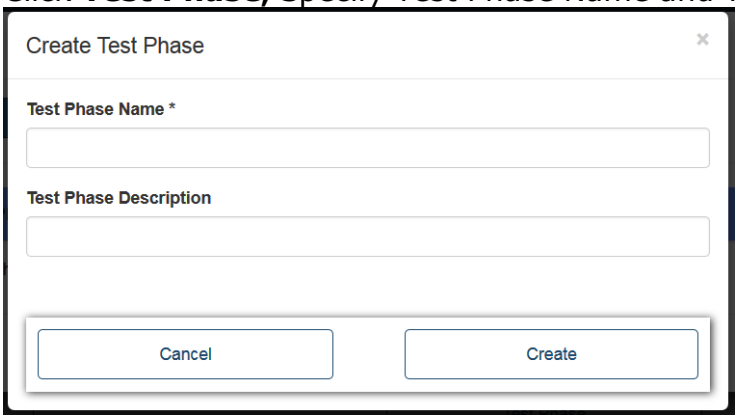
4.3 Creating a test phase

You must create test phases, which will be required to during creation of Projects. Complete the following steps to create Test Phase:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. In the Miscellaneous Pre Setup page, click **Test Phase.**



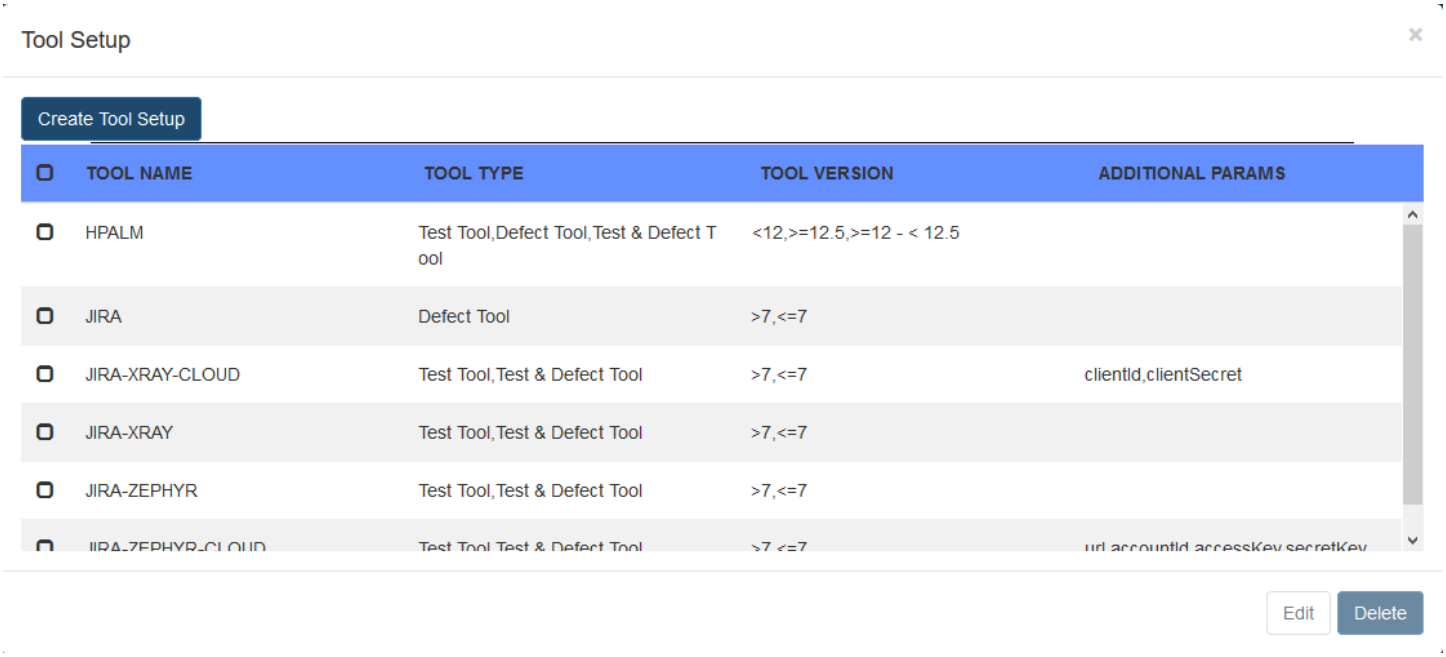
4. Click **Test Phase, s**pecify Test Phase Name and Test Phase Description, then click **Create.**



4.4 Creating Tool Setup

If you want to create a new tool setup, then do follow the below steps to complete the process:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The username and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. From the **Menu**, select **Other Admin** and then select **Miscellaneous Pre Setup.**
4. From the Miscellaneous Pre-Setup page, click **Tool Setup** tab. The Tool Setup popup will be displayed.



5. Now in order to create a new tool setup, select **Create Tool Setup** button. And specify the following information:

   - **Tool Name:** Select the tool name for which you want to create the tool setup. If it is a new tool name that is not available in the drop down, then you can create a new tool name also by clicking on three dots present at the right-hand side.
   - **Tool Type:** Select the tool type(s) that will be applicable for the selected tool name. If the desired tool type is not available in the drop down, then you can create a new tool type also by clicking on three dots present at the right-hand side.
   - **Tool Version:** Select the tool version(s) that will be applicable for the selected tool name. If the desired tool version is not available in the drop down, then you can create a new tool version also by clicking on three dots present at the right-hand side.
   - **Additional Params:** Select the additional parameter(s) that will be applicable for the selected tool name. If the desired additional parameter is not available in the drop down, then you can create a new additional parameter also by clicking on three dots present at the right-hand side.

6. Click **Create** to save the tool setup details. Click **Cancel** to go back and create a different tool setup.

4.5 Modifying pre-requisite tasks

You can modify values or instances of pre-setup tasks such as portfolio, test phase, business user segment, tool setup if required. To modify details, complete the following steps:

1. Go to the pre-requisite task that you want to modify from the Miscellaneous Pre-setup page.
2. Click **Edit**, then modify details.
3. To delete a portfolio, select the pre-setup task that you want to delete, then click **Delete**.

4.6 Deleting prerequisite tasks

You can delete pre-setup tasks if the values or instances are not tagged to other areas. For example, if a portfolio is tagged to a user, then you cannot delete that portfolio.

1. Go to the pre-requisite task that you want to delete from the Miscellaneous Pre-setup page.
2. Select the pre-setup task that you want to delete, then click **Delete**.

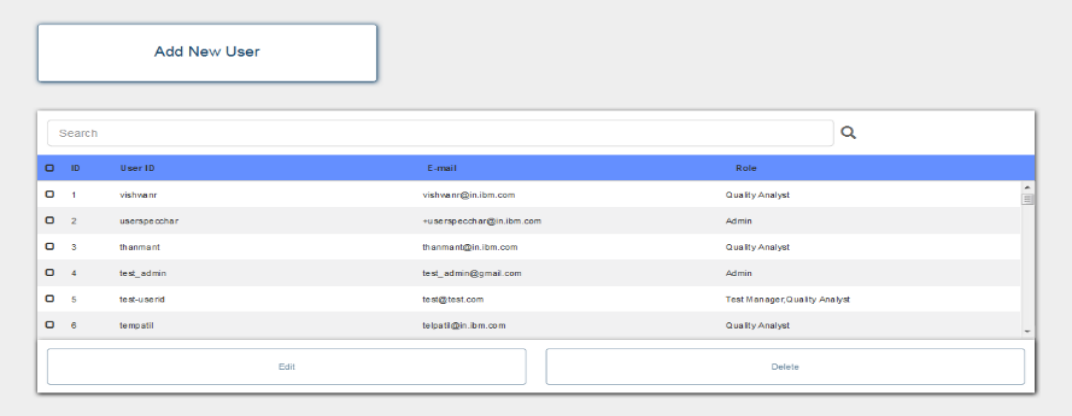
5 MANAGING USERS

The users section allows you to create a user for the application instance to be tested, edit details for the user and provide access to the users for various IGNITE tools.

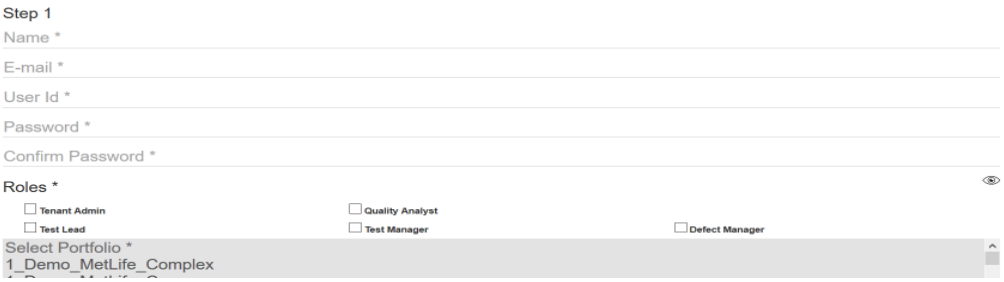
5.1 Creating users

To create users, follow the steps below:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application, then select the **Users** menu option. The **Users** page is displayed.



4. Click the **Add New User** button. The Add User/Basic Details page is displayed.



5. Specify the following details:

   Name: Specify the name of the user.

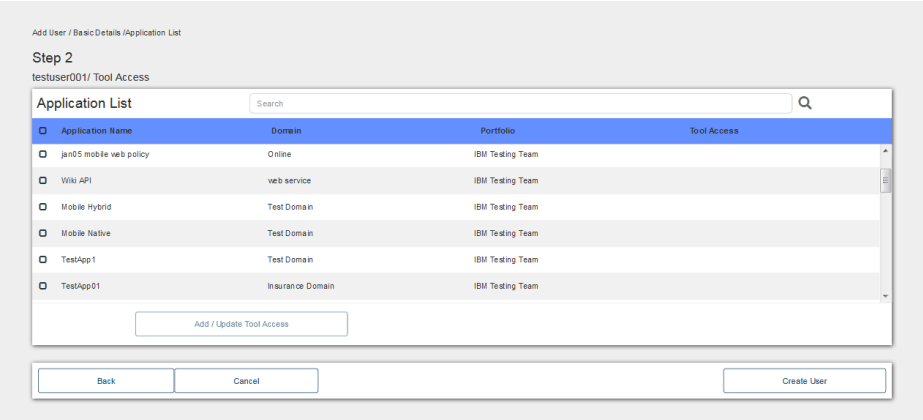
   E-Mail: Specify the IBM ID for the user as provided by IBM.

   User-ID: Specify the ID of the user as in LDAP

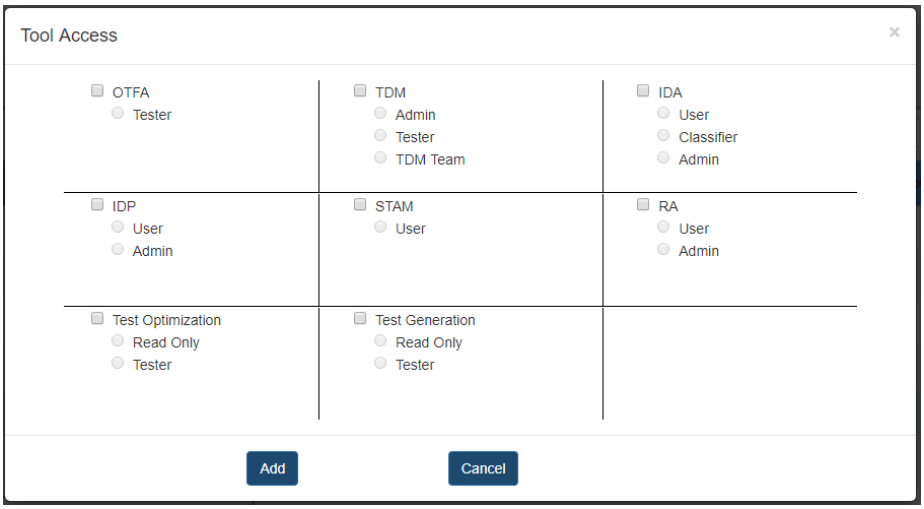
   Roles: Select the applicable roles for the user.

   Select Portfolio: Select the portfolios for the user.

6. Click **Next**. The Add User / Basic Details /Application List page is displayed.



7. Select applications for which you would like to give tool access to the user and click **Add/Update Tool Access**. The tool access is provided to the user in the context of the application. You can skip the step if the user does not need to work on any tools.
8. On the **Tool Access** page, select the access level for the user for the required tools. All accesses can be selected going tool wise. Click **Add**.



On the Add User / Basic Details /Application List page**,** click **Create User** to create the user.

Note: Whenever a new user is created, an e-mail will be sent to the email id that is given in the E-mail field while creating the user. Email will contain the following information:

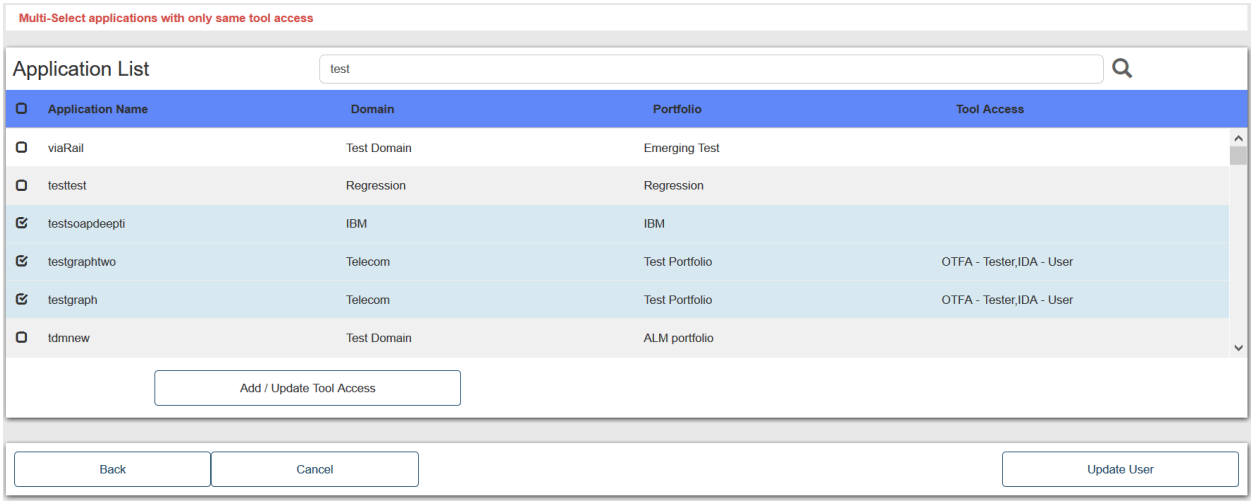
- **Tenant Name:** This is tenant inside which new user is created.
- **Application:** It will contain list of all applications for which access has been provided to the newly created user.
- **UserId:** This is the user id of the newly created user.
- **Role:** This is the applicable role for the newly created user.
- **Request Raised By:** This contains the email id of the user who has created the new user.
- **IQP Tool URL:** This contains the URL of the IGNITE Quality Platform instance in which new user has been created, and
- A table that contains the information about the type of access present in different tools for each application.

5.2 Modifying User Details

To modify user details, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Users** menu option. The **Users** page is displayed.
4. Select the user to be updated and click the **Edit** button. The **Add User/Basic Details** page is displayed.
5. Update the fields as needed.
6. Click **Next**. The **Add User / Basic Details /Application List** page is displayed.
7. Select application(s) for which you would like to update the tool access for the user and click **Add/Update Tool Access.**

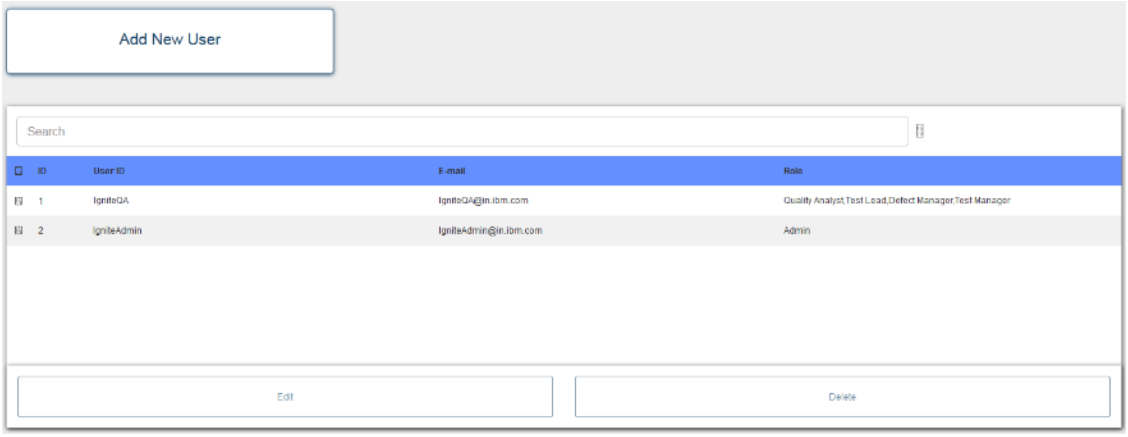
   Note that to access multiple applications together, user must have exactly similar existing access on the tools, else a relevant message is shown



8. On the **Tool Access** page, select new access levels for the user against one or multiple tools. Click **Add**.
9. Click **Update User** to update user details and access levels.

5.3 Deleting Users

To delete a user, select it on the user list on the **User** Page and click **Delete**.



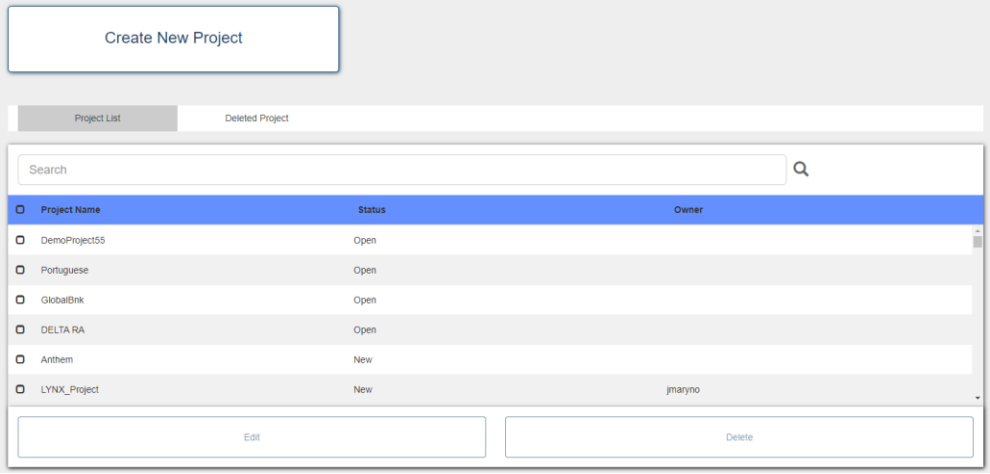
6 MANAGING PROJECTS

IGNITE allows you to configure projects for testing. This helps in analyzing defects based on projects.

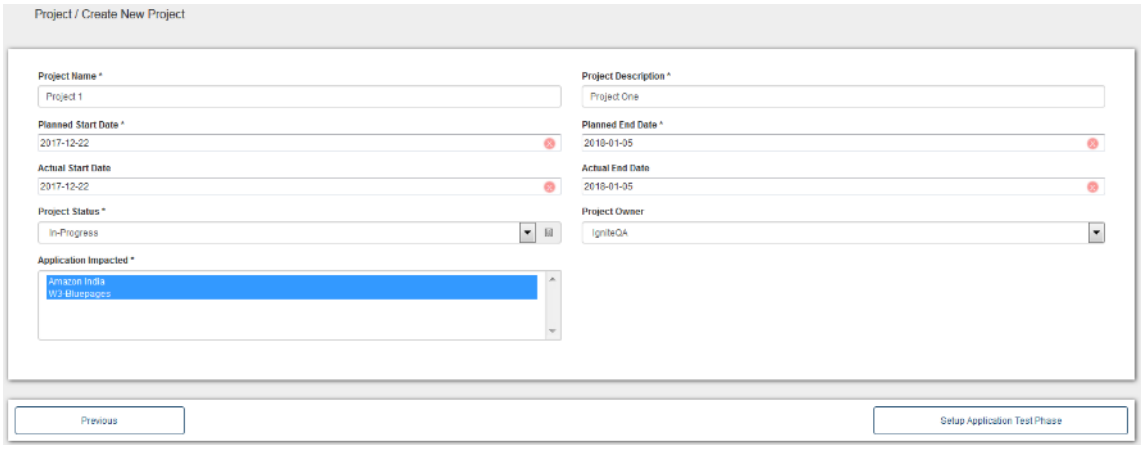
6.1 Adding projects

To setup projects for testing, complete the following steps:

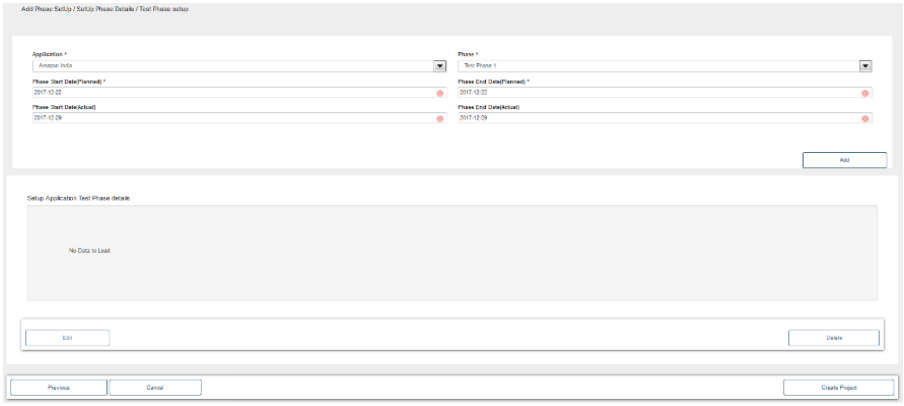
1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Projects** menu option.
4. Click **Create New Project.**



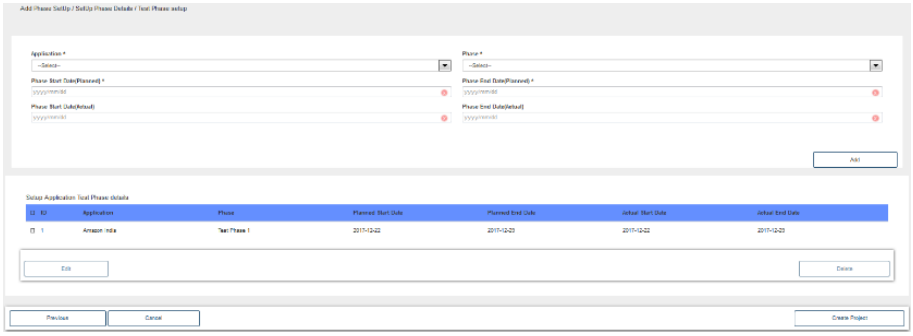
5. Specify the following information:
   - **Project Name:** Name of the project.
   - **Project Description:** A short and meaningful description.
   - **Planned Start Date:** Planned start date of the project.
   - **Actual Start Date:** Actual date the project started.
   - **Planned End Date:** Planned end date for the project.
   - **Actual End Date: Actual date the project ended.**
   - **Project Status**: Setup project status values using the button next to the field or select existing values.
   - **Project Owner**: Select from any of the setup users.
   - **Application Impacted**: Select all the applications impacted by the project.



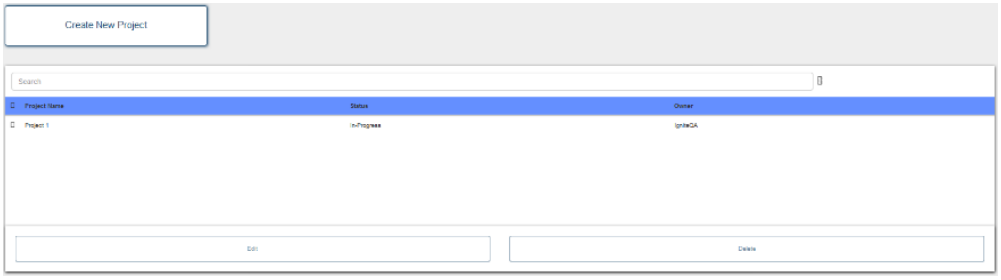
6. Click **Setup Application Test Phase**.
7. In the Test Phase setup page and select the Application, Phase (configured as part of IGNITE prerequisites), Planned Phase Start Date, Planned Phase End Date, Actual Phase Start Date, Actual Phase End Date.



8. Click **Add** to add the Application Test Phase to the project.

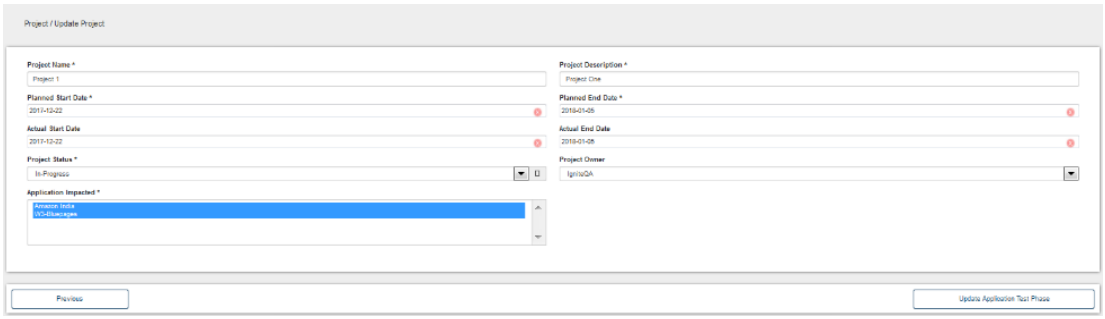


9. Click **Create Project** to add the project.

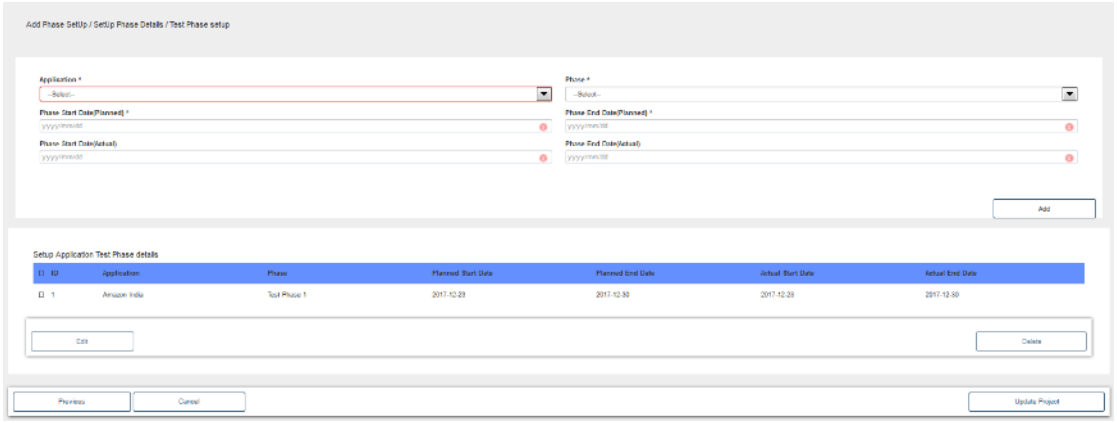


6.2 Modifying project details

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the ☰ icon on the top left-hand side of the application. Select the **Projects** menu option to display the Projects page.
4. Select the project that you want to modify, then click **Edit**. In the **Project/Update Project** page, modify the required fields and click **Update Application Test Phase**



5. In the **Add Phase SetUp / SetUp Phase Details / Test Phase setup** page, select the application test phase from the **Setup Application Test Phase details** section and click on **Edit**. Modify the required fields above for the application test phase and click **Update**. If the application test phase is to be deleted, click on it and then click on **Delete**.



6. Click **Update Project** to save the updated project.

6.3 Deleting projects

To delete projects, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the  icon on the top left-hand side of the application. Select the **Projects** menu option.
4. Click **Project List** tab.
5. Select the project that you want to delete, the click the **Delete** button. The project will be soft deleted.

6.4 Restoring the deleted projects

To delete projects, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the  icon on the top left-hand side of the application. Select the **Projects** menu option.
4. Click **Deleted Project List** tab. It lists all the deleted projects.
5. You can select the project that you want to restore, then click the button to restore.

7 MANAGING APPLICATIONS

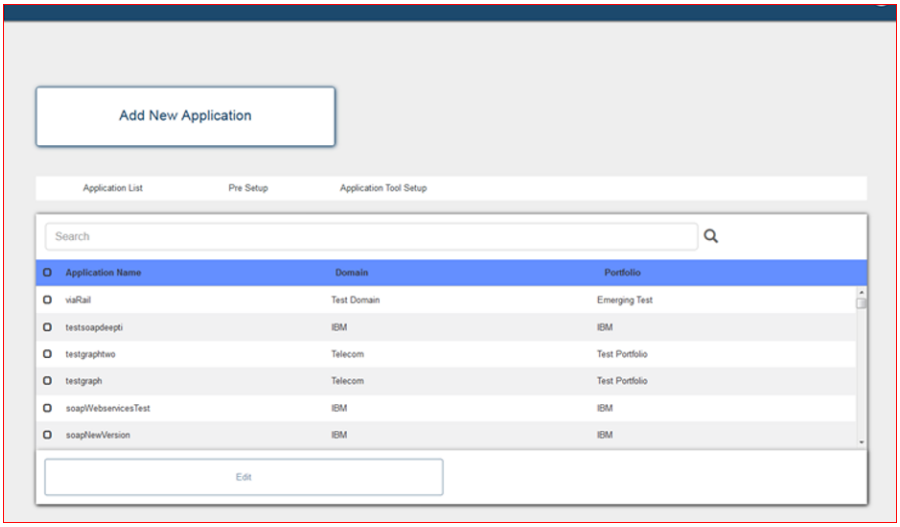
Before you start testing an application, the application must be set up in IGNITE and all details related to the application must be configured. In IGNITE, test planning, execution and access to IGNITE tools are based on applications.

7.1 Setting up application pre-requisites

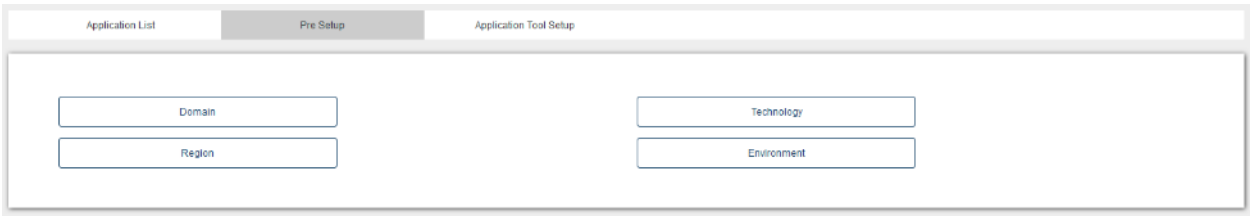
You must configure domain, technology, region and environment for application, which are mandatory pre-requisites for setting up applications in the IGNITE Platform.
The Domain refers to application domain, Regions allow applications to be configured for specific geographic regions, Technology allows you to map applications to technologies, and test Environments correspond to environments where application will be tested.

To setup application prerequisites, complete the following steps:

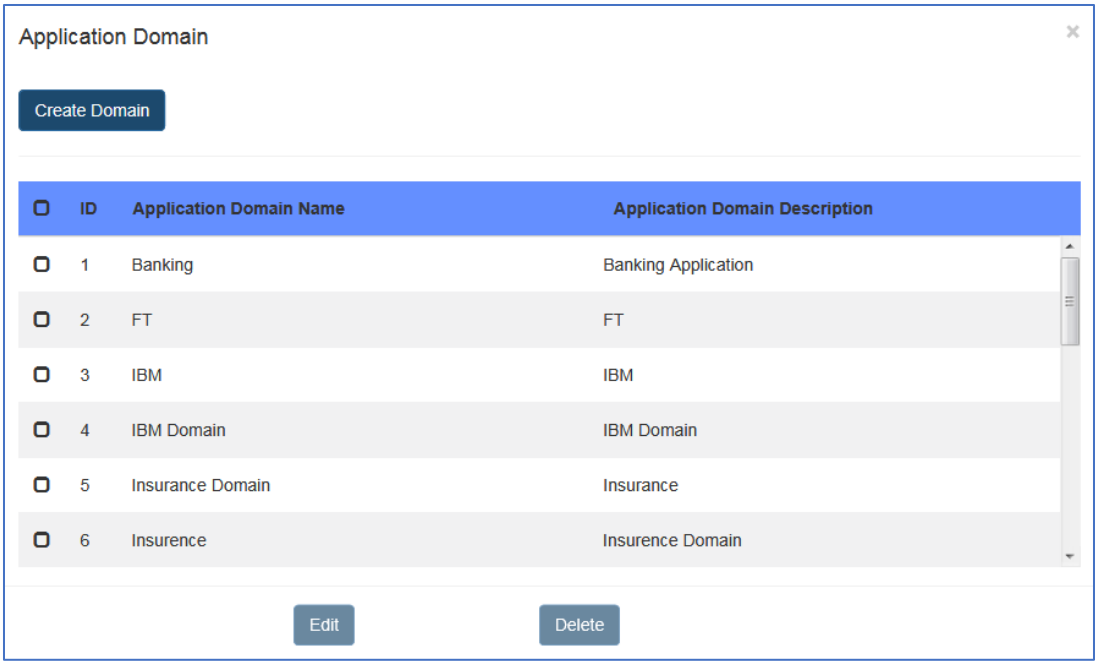
1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.



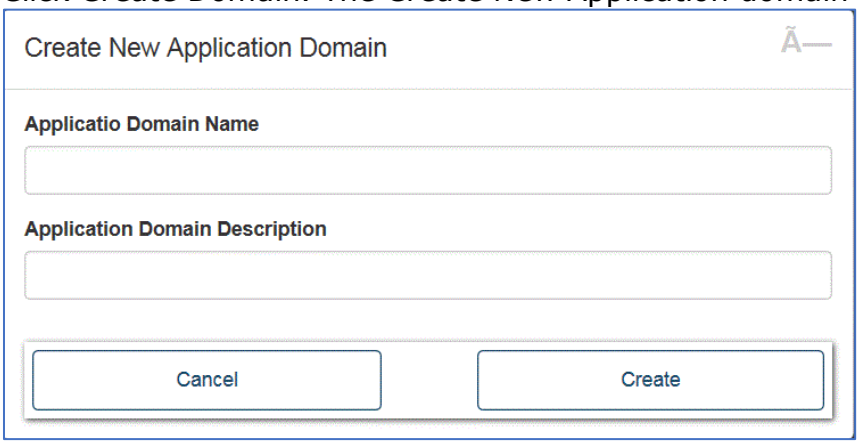
4. Select the **Pre Setup** tab. The Pre Setup page is displayed.



5. To create Domain, complete the following steps:
   a. Click **Domain,** to open the **Application Domain** page.

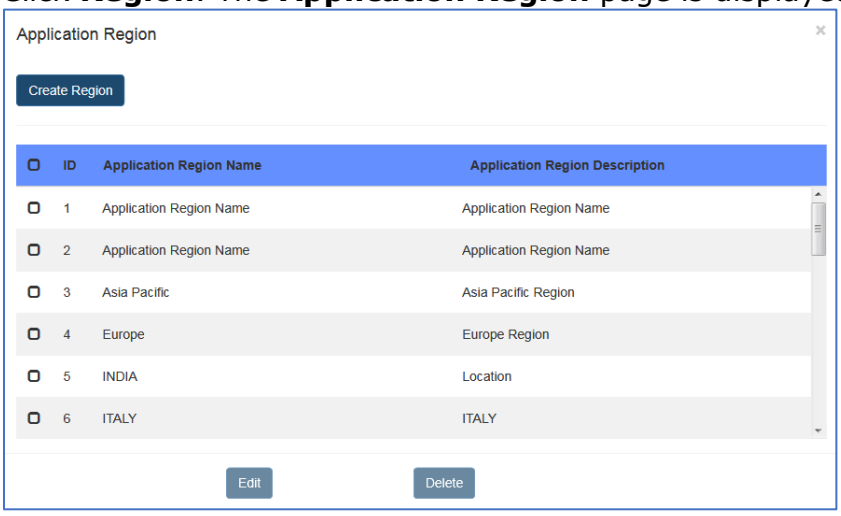


b. Click Create Domain. The Create New Application domain page is displayed.



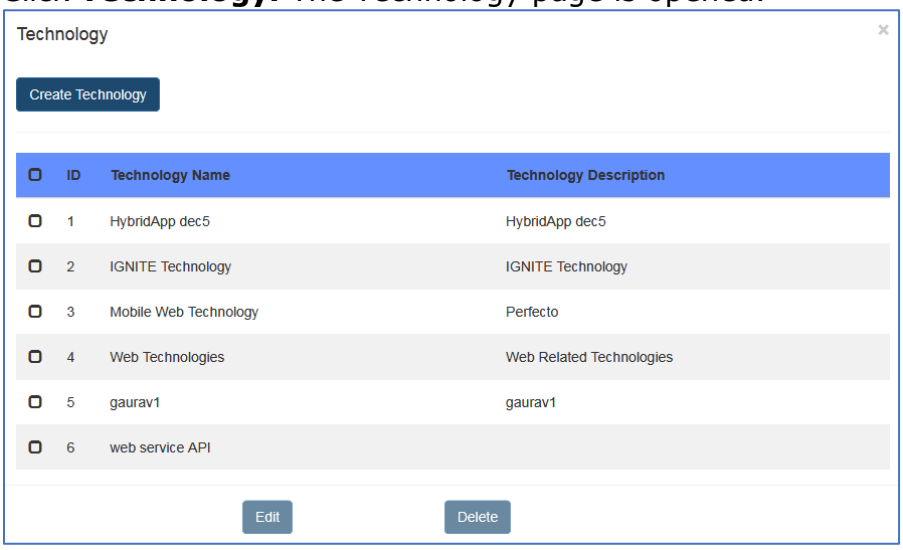
c. Specify a name and description for the application domain, then click **Create**.

6. To create Region, complete the following steps:
   a. Click **Region**. The **Application Region** page is displayed.

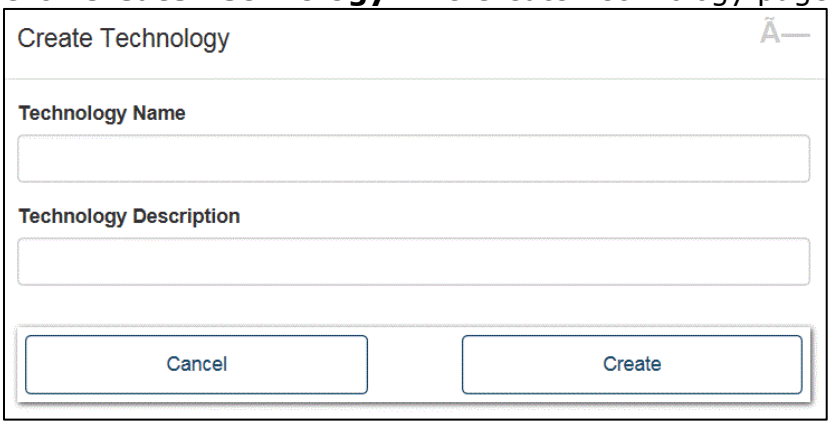


   b. Click **Create Region**. The **Create New Region** page is displayed.
   c. Specify details for the new region, then click Create.

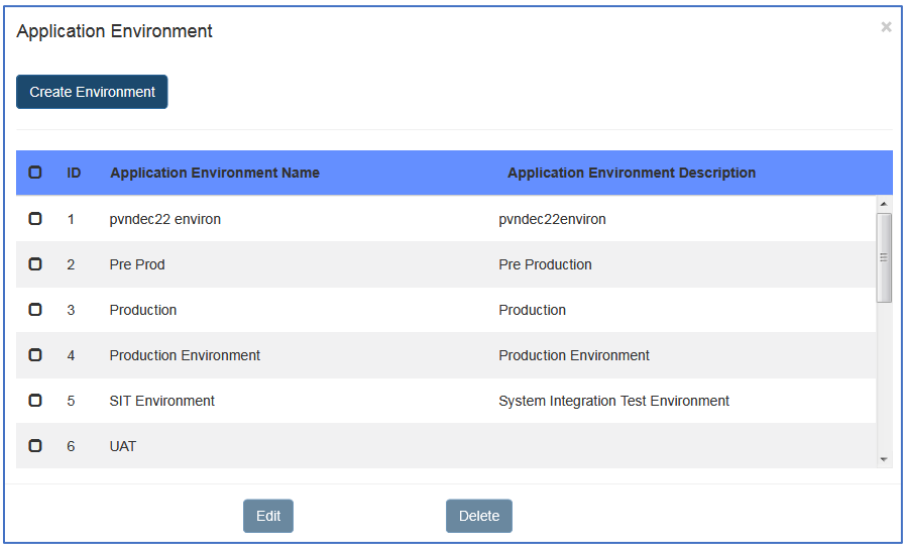
7. To create **Technology**, complete the following steps:
    a. Click **Technology.** The Technology page is opened.



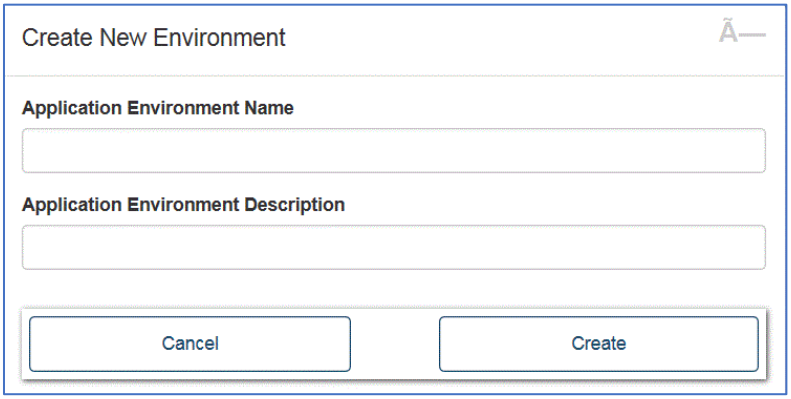
    b. Click **Create Technology**. The Create Technology page is displayed.



    c. Specify details for a new technology associated with the application, then click **Create**.
8. To create Environments, complete the following steps:
    a. Click **Environment. T**he Application Environment page is displayed.



b. Click **Create Environment**. The Create New Environment page is displayed.



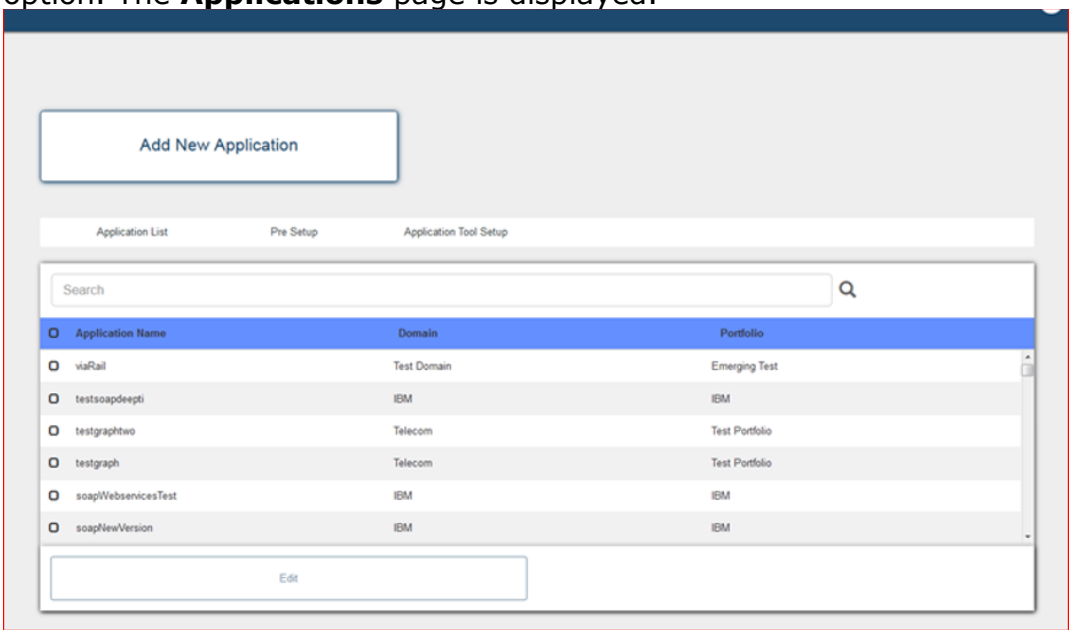
c. Specify the details of a new environment for the application, then click **Create**.

7.2 Adding web applications

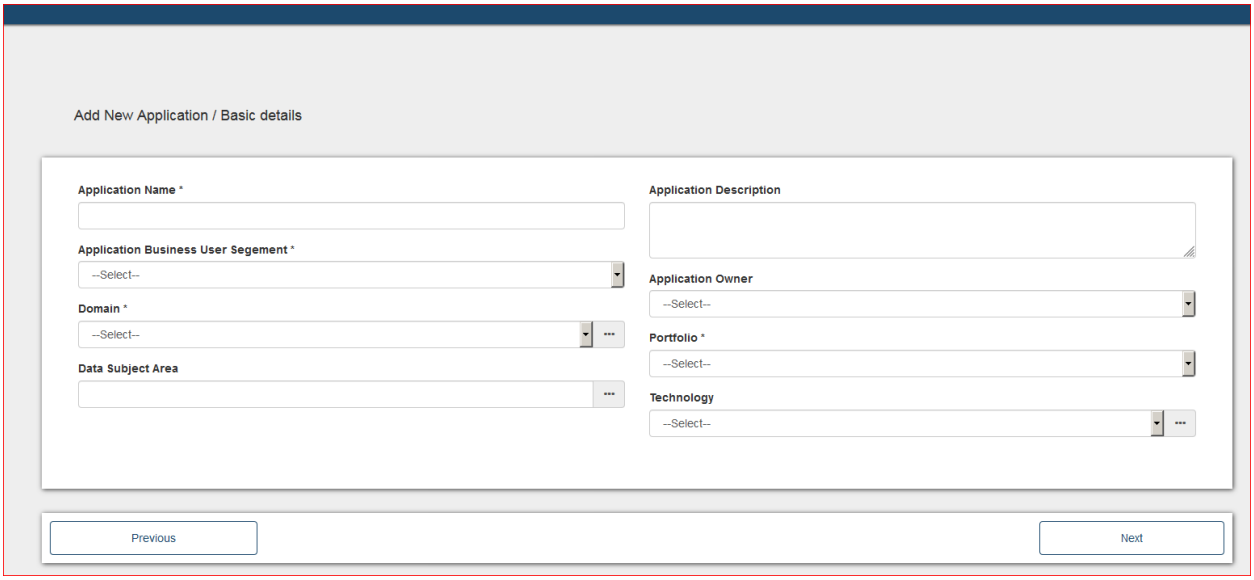
Note: Before you proceed with adding applications, make sure that you have completed the pre-setup tasks as specified in Setting up application pre-requisites.

To add applications, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.

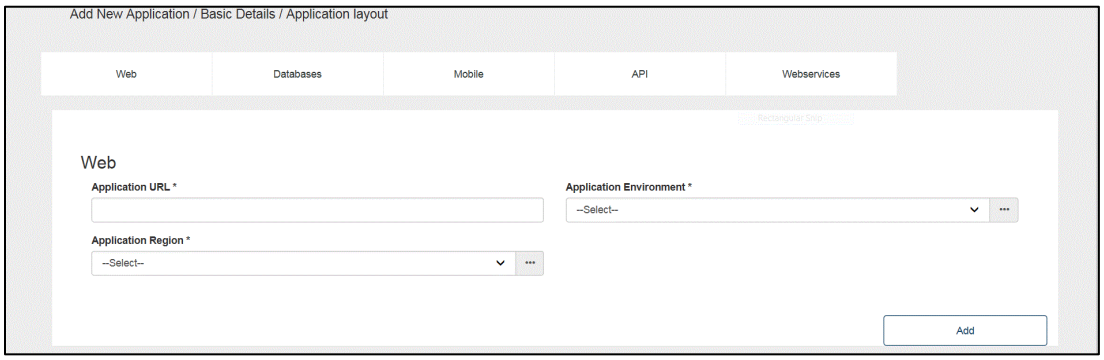


4. Click the **Add New Application** button. The **Basic Details** page is displayed.



5. Specify the following information:
   Application Name: Specify a unique name for the application.
   Application Description: Specify a description for the application.
   Application Business User Segment: Select a Business User Segment for the application.
   Application Domain: Select a domain for the application.
   Portfolio: Select a portfolio for the application.
   Data Subject Area: It is not a mandatory field. However, if you are going to use IDAq for test data management, then you must specify a value for the Data Subject Area field.
   Technology: Specify technology used for the project.

   Note: If you need to add a value, which is not available in the selection dropdown for fields such as Application Domain, Portfolio, Data Subject Area or Technology, you can do it using the buttons next to these fields. It is another way of pre-setup for applications.
6. Click **Next**. The **Application Layout** page is displayed.
7. Click the **Web** tab.



8. Specify the following information:
   - **Application URL:** Enter the URL of the application to be selected
   - **Application Environment, Application Region:** Select environment and region which were created during pre-setup
9. Click **Add**.
10. Click **Next** when all details of the application have been added. The Summary is displayed.
11. Verify the Summary and click **Create Application** to add the application.

7.3 Adding databases to application

In order to fetch data from databases, you must configure databases for any use of data from the application database or testing of data.

> **Note:** Before you proceed with adding databases, make sure that you have completed the pre setup tasks as specified in Setting up application pre-requisites.

7.3.1 Supported Databases

The following databases are supported:

- SQL Server
- POSTGERS
- DB2
- ORACLE
- MySQL

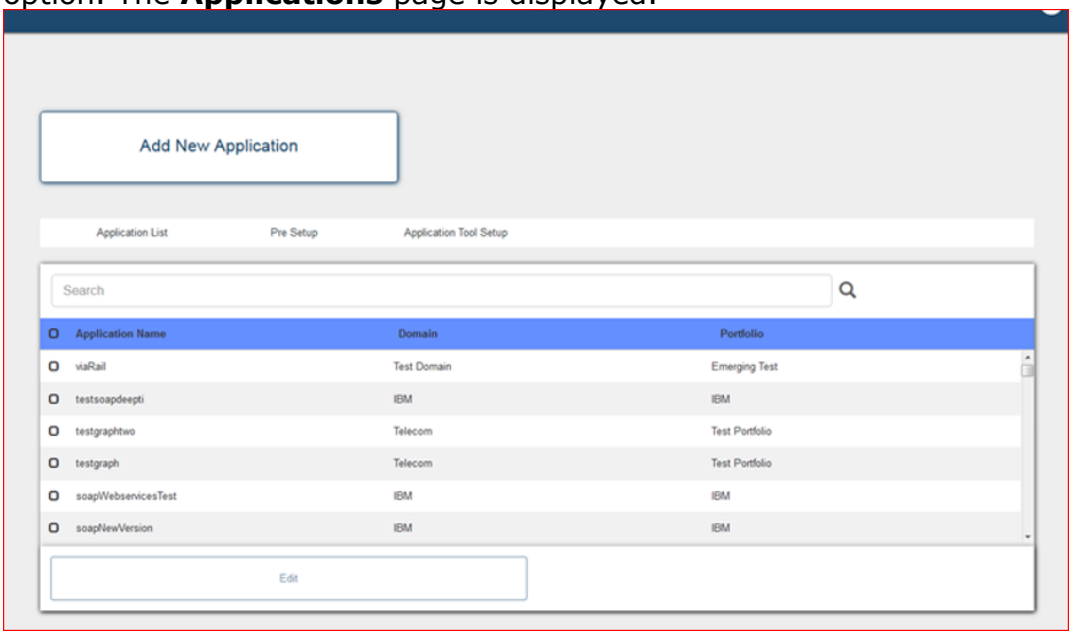
7.3.2 Supported database connectors

- mysql-connector-java-5.1.39-bin.jar
- ojdbc7.jar
- postgresql-9.3-1101.jdbc3.jar
- sqlite-jdbc-3.15.1.jar
- sqljdbc41.jar
- xdb6.jar
- db2jcc4.jar

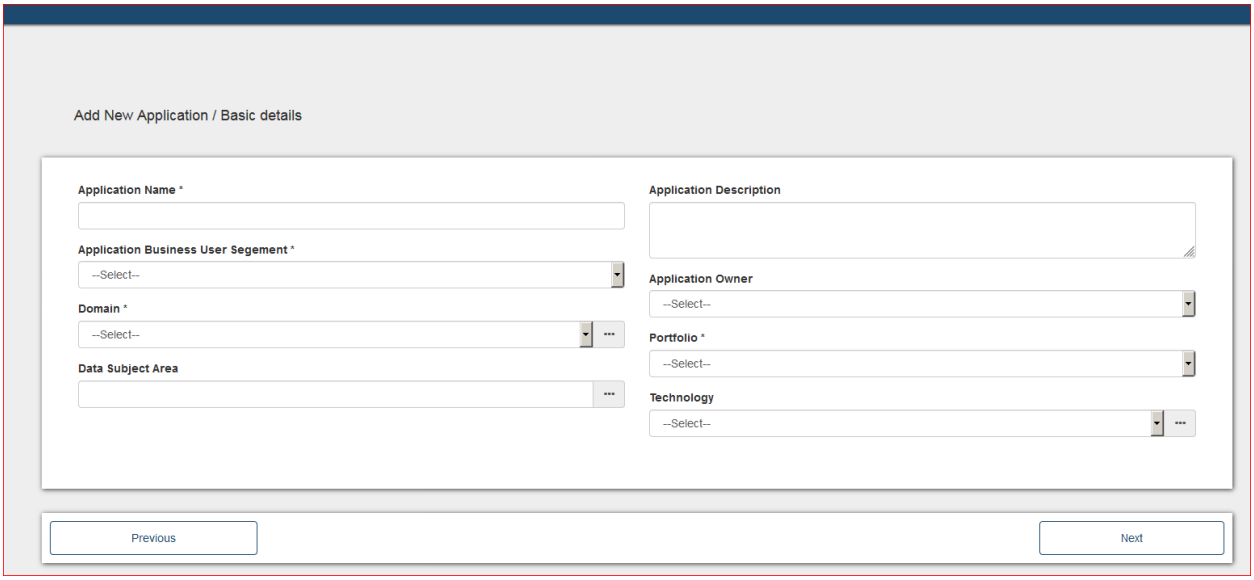
7.3.3 Adding databases

To add applications, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.

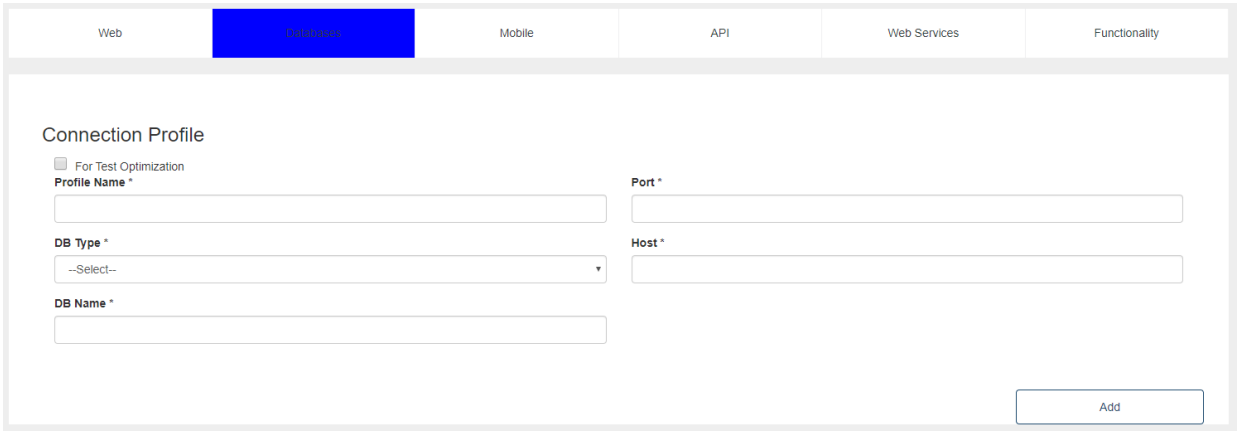


4. Click the **Add New Application** button. The **Basic Details** page is displayed.



5. Specify the following information:
   Application Name: Specify a unique name for the application.
   Application Description: Specify a description for the application.
   Application Business User Segment: Select a Business User Segment for the application.
   Application Domain: Select a domain for the application.
   Portfolio: Select a portfolio for the application.
   Data Subject Area: It is not a mandatory field. However, if you are going to use IDAq for test data management, then you must specify a value for the Data Subject Area field.
   Technology: Specify technology used for the project.

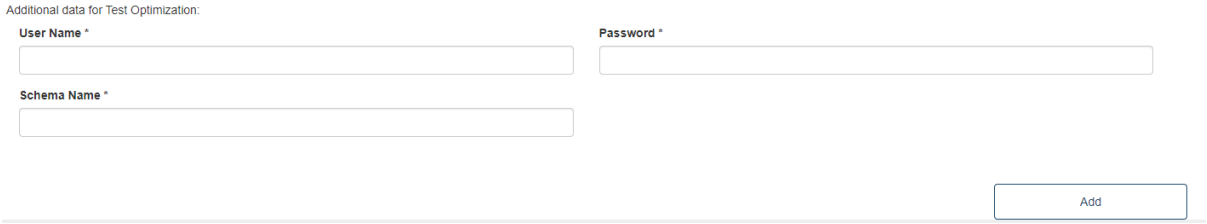
   Note: If you need to add a value, which is not available in the selection dropdown for fields such as Application Domain, Portfolio, Data Subject Area or Technology, you can do it using the buttons next to these fields. It is another way of pre-setup for applications.
6. Click **Next**. The **Application Layout** page is displayed.
7. Click the **Databases** tab.



8. Specify the following information in the **Connection Profile** section of the page:
   - **For Test Optimization:** Select this checkbox, if the connection is going to be used for the test optimization application.
   - **Profile Name:** The connection name for the newly added connection.
   - **Port:** The database server port that allows communication to the database
   - **DB Type:** IGNITE is currently configured to work with DB2, MySQL or Oracle databases
   - **Host:** The IP address of the database server

- **DB Name:** Specify the name of the database.

9. If you select the **ForTest Optimization** option, then specify the following details:



- **User Name:** Name of the test optimization user.
- **Password:** Specify password for the user.
- **Schema Name:** Specify the schema for the data.

10. Click **Add**.
11. Click **Next** when all details of the application have been added. The Summary is displayed.
12. Verify the Summary and click **Create Application** to add the application.

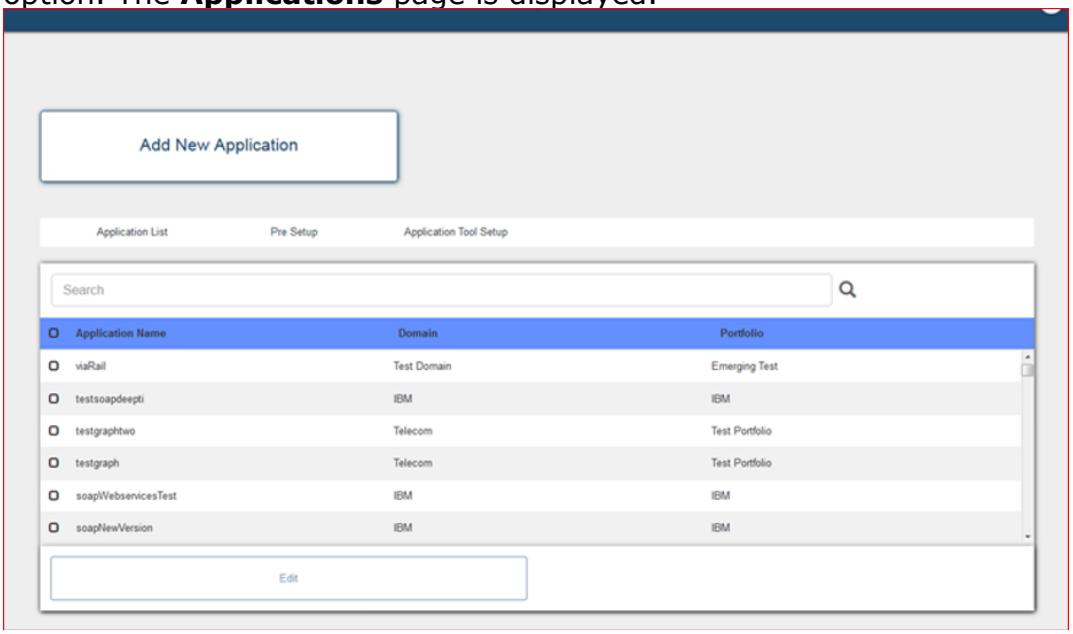
7.4 Adding mobile applications

Mobile applications such as web, Android-Native, Android- Hybrid, iOS-Native or iOS-Hybrid need to be configured to allow testing of mobile applications.

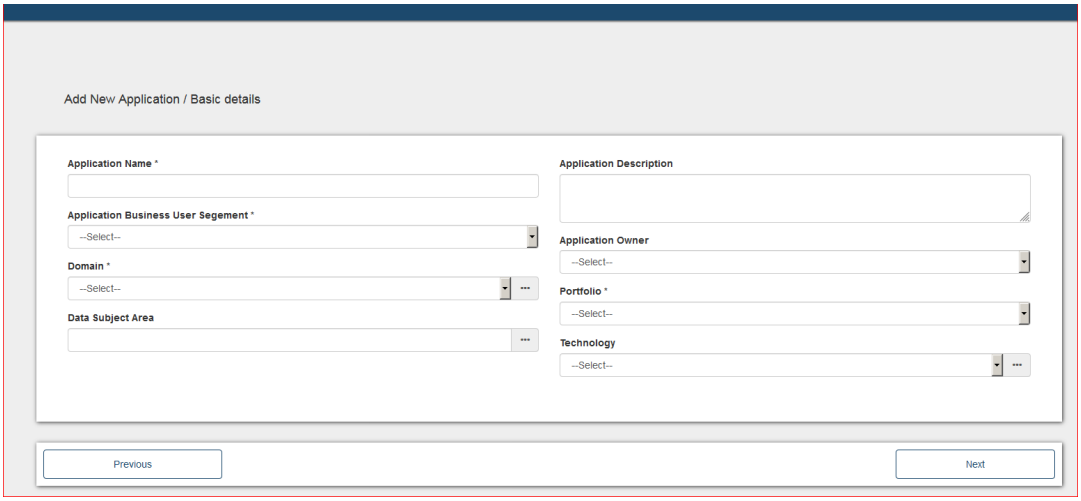
> **Note:** Before you proceed with adding applications, make sure that you have completed the pre setup tasks as specified in Setting up application pre-requisites.

To add applications, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.

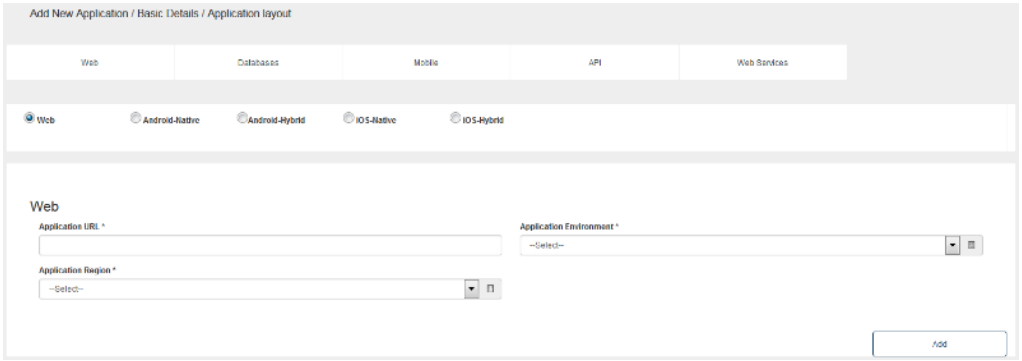


4. Click the **Add New Application** button. The **Basic Details** page is displayed.



5. Specify the following information:
   Application Name: Specify a unique name for the application.
   Application Description: Specify a description for the application.
   Application Business User Segment: Select a Business User Segment for the application.
   Application Domain: Select a domain for the application.
   Portfolio: Select a portfolio for the application.
   Data Subject Area: It is not a mandatory field. However, if you are going to configure IDAq for test data management, then you must specify a value for the Data Subject Area field.
   Technology: Specify technology used for the project.

   Note: If you need to add a value, which is not available in the selection dropdown for fields such as Application Domain, Portfolio, Data Subject Area or Technology, you can do it by using the buttons next to these fields. It is another way of pre-setup for applications.
6. Click **Next**. The **Application Layout** page is displayed.
7. Click the **Mobile** tab.



8. Select the type of Mobile application (Web, Android- Native, Android- Hybrid, iOS-Native or iOS-Hybrid) and enter the details on the respective section.
   - Web: Enter the URL of the web application to be tested (Application URL) and select Application Environment and Application Region
   - For Android-Native and Android-Hybrid, enter the Application Name (name of the app) and upload the Application APK
   - For iOS-Native and iOS-Hybrid, enter the Application Name (name of the app) and browse and upload the IPA file. The bundle ID for the Apple device will be automatically extracted from the uploaded IPA file.
9. Click **Add**.
10. Click **Next** when all details of the application have been added. The Summary is displayed.
11. Verify the Summary and click **Create Application** to add the application.

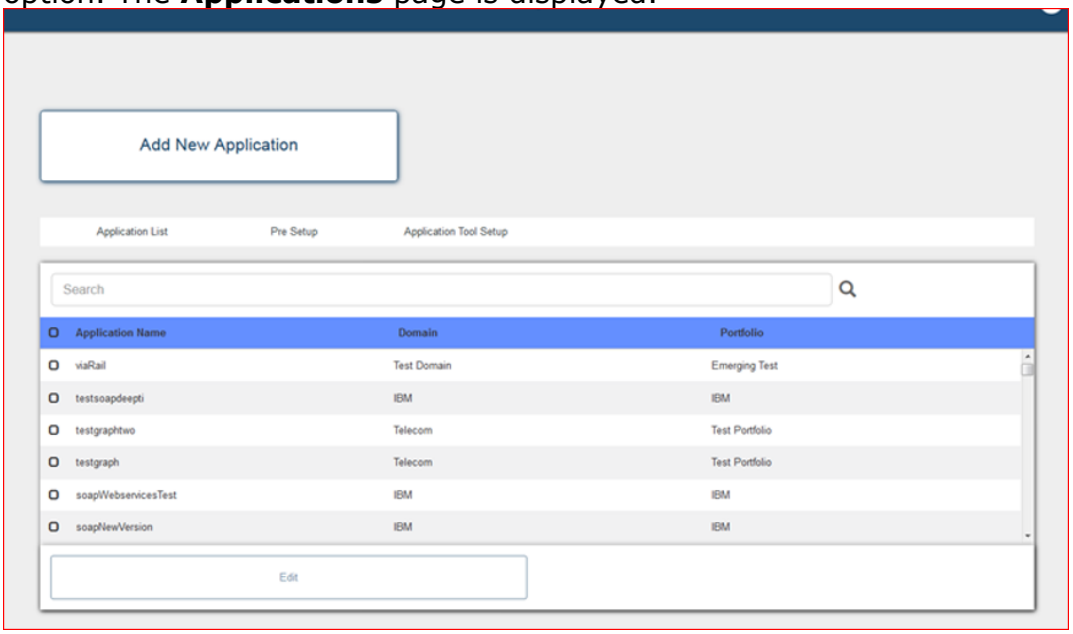
7.5 Adding APIs for testing

You must add REST APIs that you want to test though the IGNITE platform.

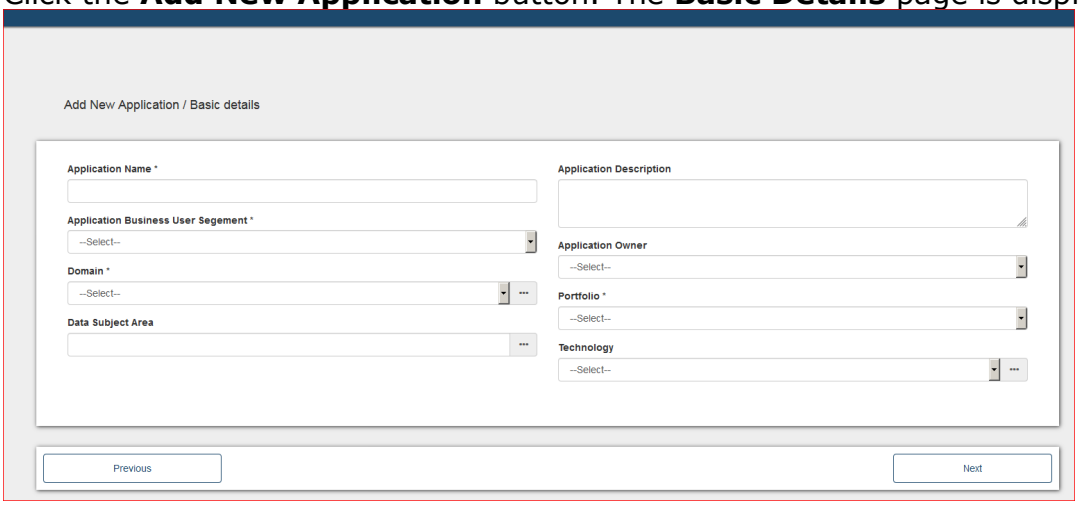
> **Note:** Before you proceed with adding applications, make sure that you have completed the pre setup tasks as specified in Setting up application pre-requisites.

To add applications, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.



4. Click the **Add New Application** button. The **Basic Details** page is displayed.

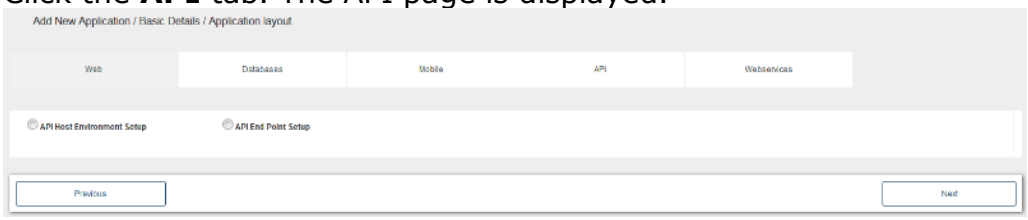


5. Specify the following information:
   Application Name: Specify a unique name for the application.
   Application Description: Specify a description for the application.

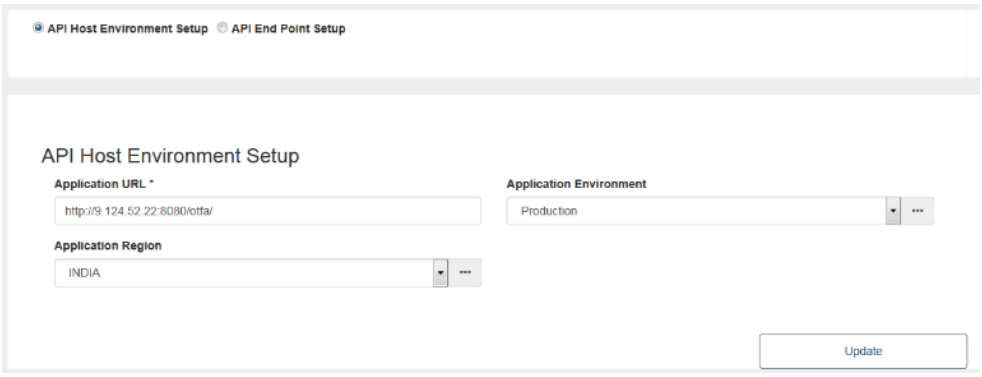
Application Business User Segment: Select a Business User Segment for the application.
Application Domain: Select a domain for the application.
Portfolio: Select a portfolio for the application.
Data Subject Area: It is not a mandatory field. Data Subject Area is an important field which will be used in IDAq in the IGNITE Platform.
Technology: Specify technology used for the project.

Note: If you need to add a value, which is not available in the selection dropdown for fields such as Application Domain, Portfolio, Data Subject Area or Technology, you can do it using the buttons next to these fields. It is another way of pre-setup for applications.

6. Click **Next**. The **Application Layout** page is displayed.
7. Click the **API** tab. The API page is displayed.



8. For a typical API of format https://<host>/APIendpoint, the host environment and API end point setup have been split up for convenience. Select the corresponding radio button and update both the API Host Environment Setup and API End Point Setup.
    - Select API Host Environment Setup, enter Application URL, select Application Environment, Application Region



    - Select API End Point Setup, enter API End Point and upload the Schema file (if applicable) for the REST API

Note: In case the JSON schema has an attribute of type 'array', define the min and max item in the schema.

9. Click **Add**.
10. Click **Next** when all details of the application have been added. The Summary is displayed.
11. Verify the Summary and click **Create Application** to add the application.

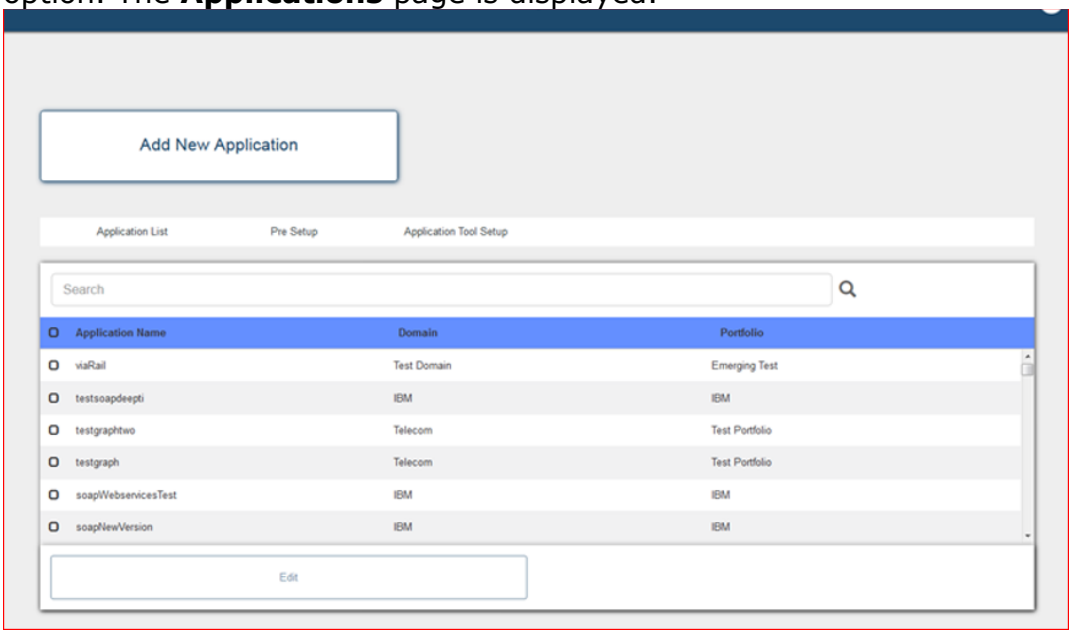
7.6 Adding web services for testing

You must configure the SOAP UI-based web services in the IGNITE platform to test them.

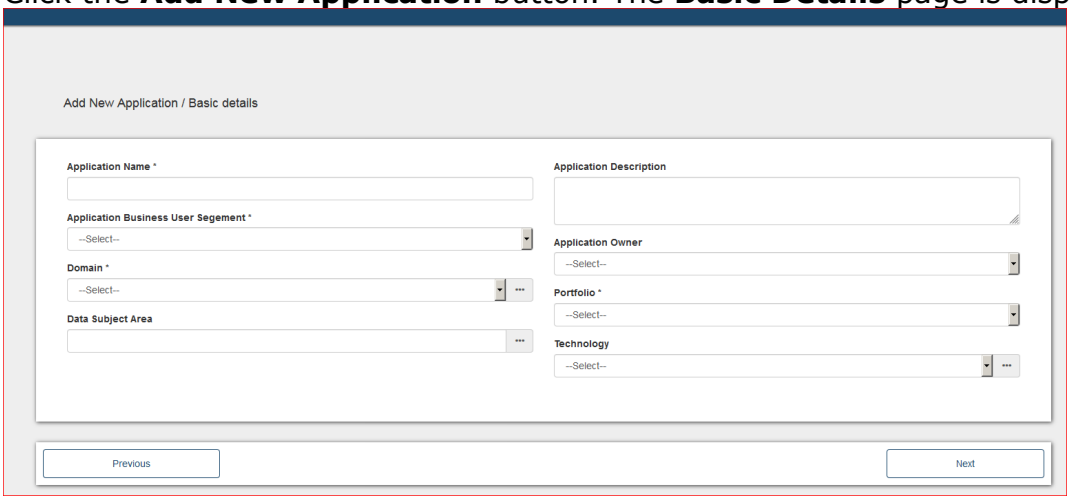
Note: Before you proceed with adding applications, make sure that you have completed the pre setup tasks as specified in Setting up application pre-requisites.

To add applications, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.



4. Click the **Add New Application** button. The **Basic Details** page is displayed.



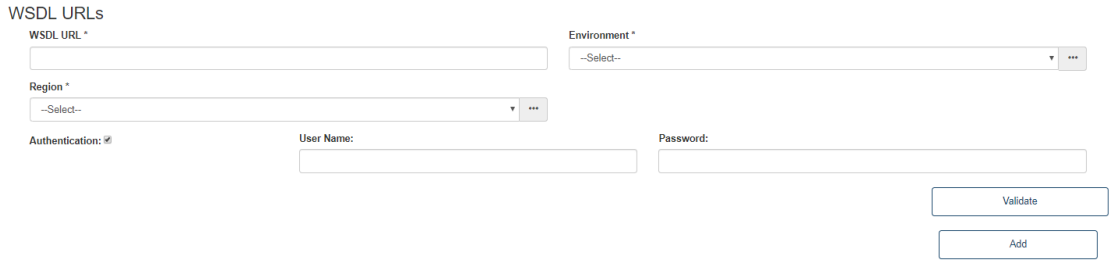
5. Specify the following information:
   Application Name: Specify a unique name for the application.
   Application Description: Specify a description for the application.
   Application Business User Segment: Select a Business User Segment for the application.
   Application Domain: Select a domain for the application.
   Portfolio: Select a portfolio for the application.

Data Subject Area: It is not a mandatory field. Data Subject Area is an important field which will be used in IDAq in the IGNITE Platform.

Technology: Specify technology used for the project.

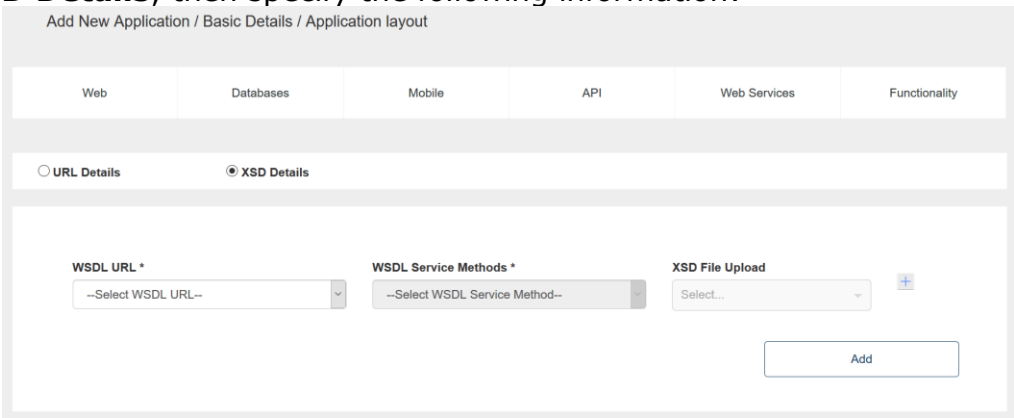
Note: If you need to add a value, which is not available in the selection dropdown for fields such as Application Domain, Portfolio, Data Subject Area or Technology, you can do it using the buttons next to these fields. It is another way of pre-setup for applications.

6. Click **Next**. The **Application Layout** page is displayed.
7. Click the **Web Services** tab. The Web Services page is displayed.
8. Select **URL Details**, the specify the following information:



   a. In the URL Details section specify the WSDL URL, Environment, and Region.
   b. To specify authentication details, select the **Authentication** checkbox, then specify the Username and the password to be used while fetching details.
   c. Click **Add.** The details will be added and displayed under **Webservices WSDL Configurations** section.
   Note: Once the URL details are added, an API will be called to create SOAP XML file and save method names to DB that will be used in the **XSD Details** section.

9. Select **XSD Details**, then specify the following information:



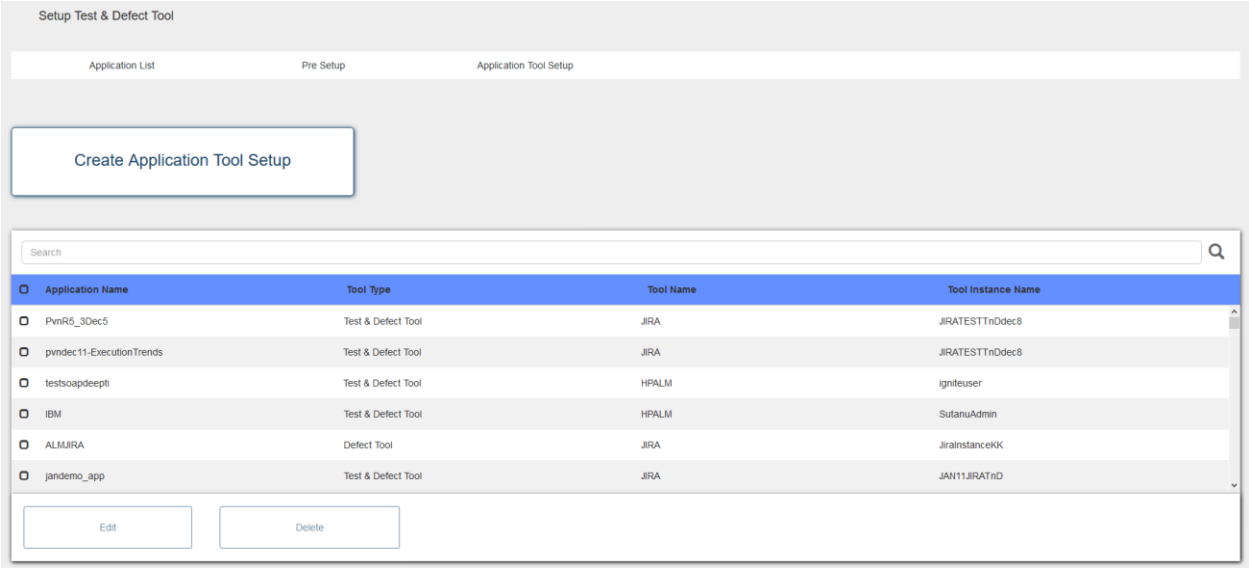
   a. **WSDL URL:** This dropdown will display the list of WSDL URLs that user added in **URL Details** section.
   b. **WSDL Service Methods:** This dropdown will display the related service methods when a URL is selected from WSDL URL dropdown.
   c. **XSD File Upload:** Click the + sign to select the method and upload the XSD file. This is not mandatory if you are not validating schema or XSD.

10. Click **Add**.
11. Click **Next** when all details of the application have been added. The Summary is displayed.
12. Verify the Summary and click **Create Application** to add the application.

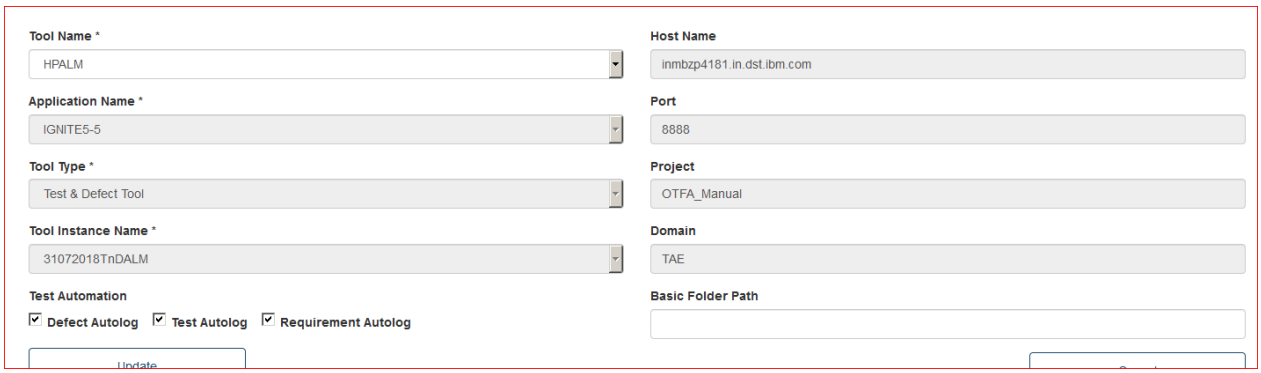
7.7 Setting up application tools

You can configure test and defect management tools for the specific applications in IGNITE so that test cases can be used and updated during testing and defects can be logged directly from IGNITE. To setup test and defect management tools for an application, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format:
    a. https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.
4. Select the **Application Tool Setup** tab



5. Click **Create Application Tool Setup** to setup the test and defect management tool for a specific application. The Application Tool Setup page is displayed.



6. Specify the Tool Name, Application Name, Tool Type and the Tool Instance Name. The Host Name, Port, Project and Domain fields are automatically populated.
7. Select **Defect Autolog/Test Autolog/Requirement Autolog** to allow IGNITE to automatically log all defects, update test cases or map requirements in the selected tool instances.

> Requirement Autolog function is currently available only for JIRA and would be mapped only if the requirement ID in the scenario tag of the feature file matches exactly with the ID in the JIRA tool.

8. Click **Submit**. This tool will now be used as test or defect management tool for this application.

9. To edit the application-tool setup, select the tool from the list and click **Edit** to update the tool details for an application.

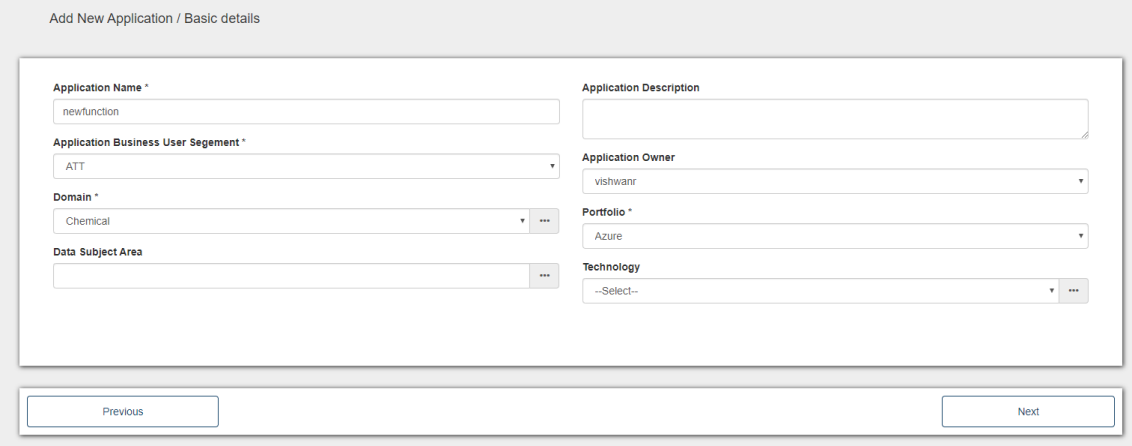
> Note: If a default test/defect management tool has been configured for the IGNITE Platform, setting up a specific test or defect management tool instance for an application is optional.

7.8 Adding functionality

You can add a list of functionalities along with the estimated number of CTD models associated with it. The functionality feature helps in tracking the completion of testing through the Functional Testing tile in the Application View page.

To add functionality, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application. Select the **Applications** menu option. The **Applications** page is displayed.
4. Click the **Add New Application** button. The **Basic Details** page is displayed.

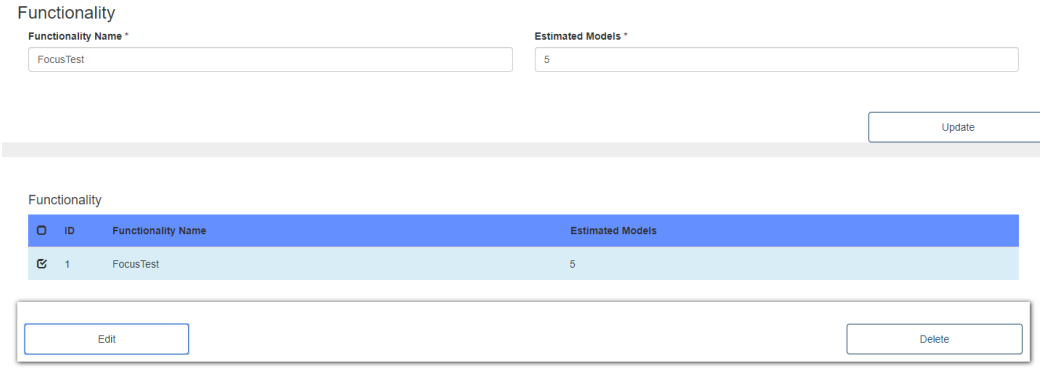


5. Specify the following information:
   Application Name: Specify a unique name for the application.
   Application Description: Specify a description for the application.
   Application Business User Segment: Select a Business User Segment for the application.
   Application Domain: Select a domain for the application.
   Portfolio: Select a portfolio for the application.

Data Subject Area: It is not a mandatory field. However, if you are going to use IDAq for test data management, then you must specify a value for the Data Subject Area field.

Note: If you need to add a value, which is not available in the selection dropdown for fields such as Application Domain, Portfolio, Data Subject Area or Technology, you can do it using the buttons next to these fields. It is another way of pre-setup for applications.

6. Click **Next**. The **Application Layout** page is displayed.
7. Click the **Functionality** tab.



8. Specify the following information in the Functionality section of the page:
    - **Functionality Name:** Specify a name for the functionality to be added. Functionality is required if you are going to use CTD models. The CTD models will be tagged to functionalities.

Make sure that the functionality name does not contain white spaces.

    - **Estimated Models:** Estimate of number of models to be added with functionality.
9. Click **Add**.
10. Click **Next** when all details of the application have been added. The Summary is displayed.
11. Verify the Summary and click **Create Application** to add the application.

7.9 Modifying Application Details

To edit applications which have been configured in IGNITE, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application, then select the **Applications** menu option. The **Applications** page is displayed.
4. In the **Application List** tab, select the application to be modified by clicking it and then click **Edit.**
5. Edit the required fields in the form and then click **Next**.
6. Browse through the tabs and update the necessary sections based on the application layout – Web, Databases, Mobile, API, Web Services. Edit the fields and click **Update**.
7. Click **Next**.
8. Verify the Summary, if necessary browse through the various tabs – Web, Databases, Mobile, API, Webservices.
9. Click **Update Application.**

8 MANAGING TEST AND DEFECT MANAGEMENT TOOLS

The test and defect management tools help in loading test cases, create test sets, and create and load linking defects. Currently IGNITE supports HP ALM and JIRA as test and defect management tools.

The test and defect management tools allow you to:

- Parse feature files and load them as testcases
- Manage customized fields of entities and default data by using metadata solutions
    - Loading testcases, creating test sets, recording test execution data, uploading attachments, and updating test entities.
    - Loading and linking defects
    - Reusing test executions and retrieving history for regression testing

Currently, the test and defect management tools are used by OTFA to load testcases, test execution results, and defects.

You can either setup ALM and JIRA as test management tool or defect management tool or as both test and defect management tools. Also, you can use one tool for test management and another for defect management. For example, JIRA can be you defect management tool and HP ALM can be your test management tool.

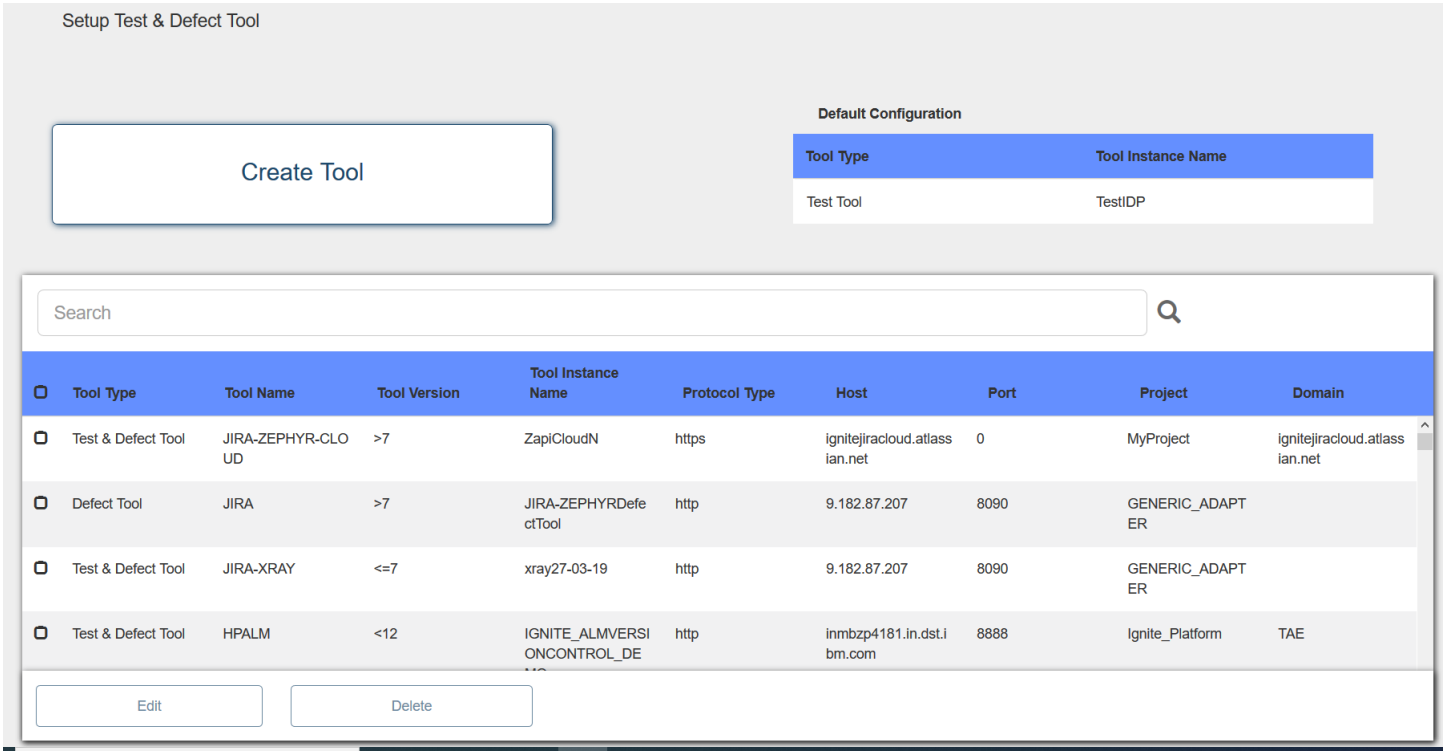
8.1 Setting up JIRA as test or defect management tool

IGNITE supports the following version of JIRA tool:

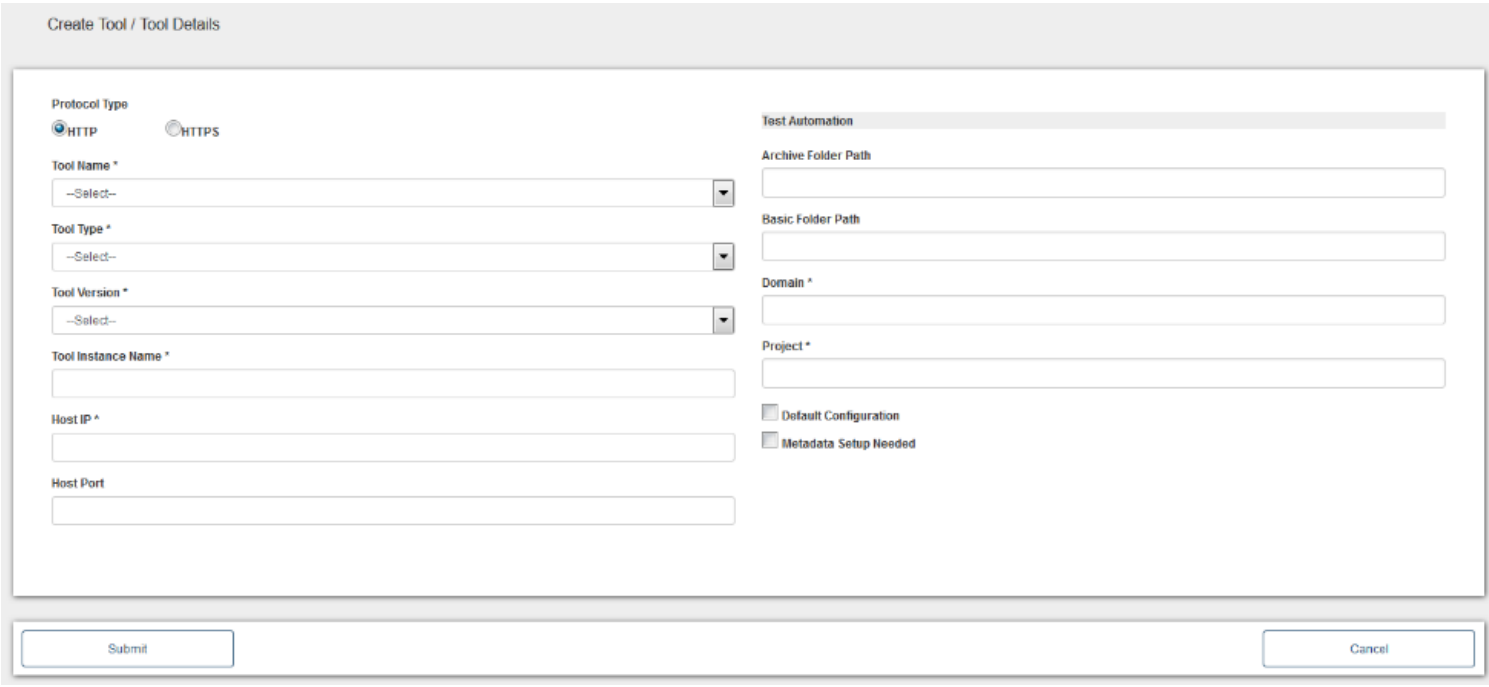
- JIRA with Zephyr & Zapi plug-in:
    - JIRA Version: 6 to 7.12.3
    - JIRA Zephyr Version : 3.0 to 4.0.2
    - Zapi version : 2.5 to 2.7
- JIRA with Xray plug-in:
    - JIRA Version : 6 to 7.12.3
    - Xray Version : 3.2.3

To set up JIRA as a test and/or defect management tool, you must complete the following steps:

3. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
4. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
5. To create a tool instance, click the  icon on the top left-hand side of the application.
6. Select the **Other Admin > Tool Setup**. The **Setup Test & Defect Tool** page is displayed.



7. Click **Create Tool**. The **Create Tool / Tool Details** page is displayed.



8. Specify the following details:
   - **Protocol Type**: Select whether the protocol type is HTTP or HTTPS.
   - **Tool Name**: Select HPALM, JIRA, JIRA-ZEPHYR, JIRA-XRAY, JIRA-ZEPHYR-CLOUD, or JIRA-XRAY-CLOUD as the tool name.
   - **Tool Type**: To set up the JIRA as only test management tool, select Test Tool. To set up JIRA as only defect management tool, select Defect tool, and to set up JIRA as both test and defect management tool, select Test & Defect Tool

- **Tool Version**: Select <7 if the JIRA version is less than 7.x or <=12 if the JIRA version is 7.0 or higher.
- **Tool Instance Name**: Unique name which will be used for the selected instance.
- **Host IP**: Host IP for the tool instance.
- **Host Port**: Host port for the tool instance. This is an optional value. You can set it to 0 if the protocol https and no port is used in the JIRA instance URL.
- **Archive Folder Path**: Enter the path for the archive folder for the files where deleted files would be placed (soft delete)
- **Basic Folder Path**: This is the path where the feature files will be uploaded. If left blank, then a default path will be used (<OTFA>/<ApplicationName>/<FeatureFilename>)
- **Domain**: Not applicable to JIRA.
- **Project:** Project name in JIRA
- **Default Configuration:** Select this checkbox if you want this instance to be used as default for most of your applications.

9. (Optional) Select **Metadata Setup Needed**, if there are customizations in JIRA and those need to be considered for any data getting into JIRA, specifically if test cases or defects are to be uploaded to the tool. If you select this checkbox, then you must configure the metadata as specified in Setting up tool metadata.
10. Click **Submit** to create the tool instance.

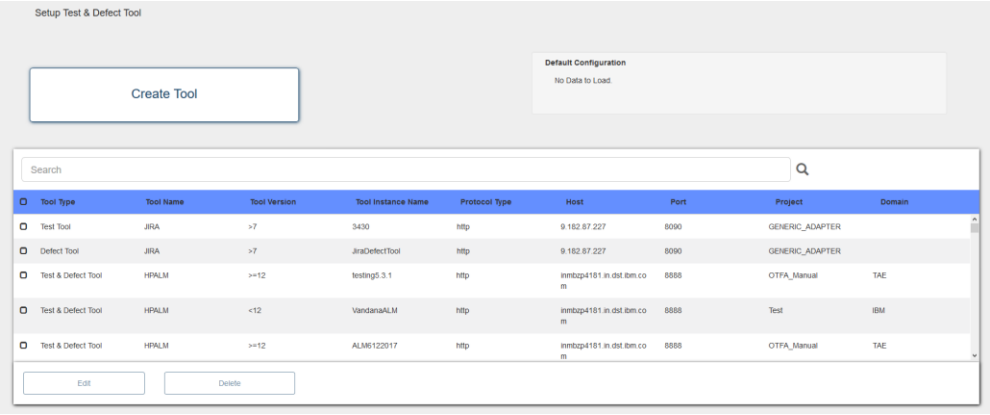
8.2 Setting up HP ALM as test or defect management tool

IGNITE supports the following version of HP ALM (either version controlled or regular configuration) tool:

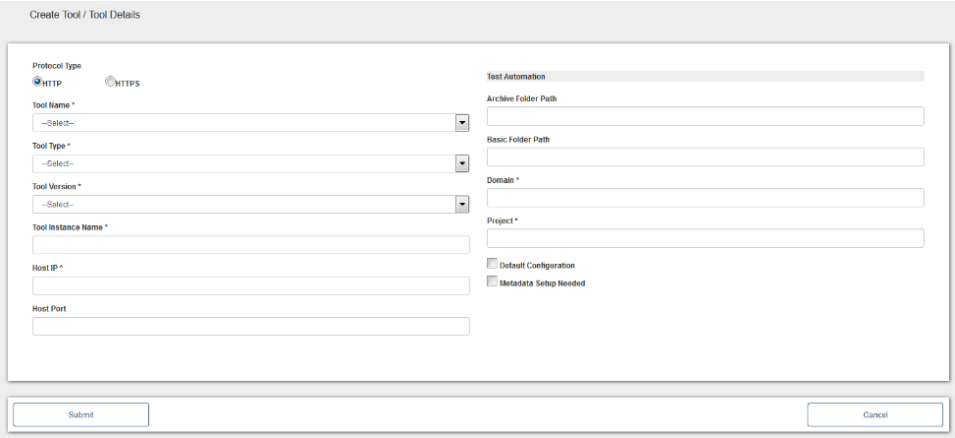
- Version 11.x to 12.53

To set up ALM as a test and/or defect management tool, you must complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. To create a tool instance, click the icon on the top left-hand side of the application.
4. Select the **Other Admin > Tool Setup**. The Setup Test & Defect Tool page is displayed.



5. Click **Create Tool**. The Create Tool / Tool Details page is displayed.



6. Specify the following details:
    - **Protocol Type**: Select whether the protocol type is HTTP or HTTPS.
    - **Tool Name**: Select HPALM as the tool name.
    - **Tool Type**: To set up the HP ALM as only test management tool, select Test Tool. To set up HP ALM as only defect management tool, select Defect tool, and to set up HP ALM as both test and defect management tool, select Test & Defect Tool
    - **Tool Version**: Select <12 if the HP ALM version is 11.x or >=12 if the HP ALM version is 12.x.
    - **Tool Instance Name**: Unique name which will be used for that particular instance.
    - **Host IP**: Host IP for the tool instance.
    - **Host Port**: Host port for the tool instance. This is an optional value. You can set it to 0 if the protocol https and no port is used in the HPALM instance URL.
    - **Archive Folder Path**: Enter the path for the archive folder for the files where deleted files would be placed (soft delete)
    - **Basic Folder Path**: This is the path where the feature files will be uploaded. If left blank, then a default path will be used (<OTFA>/<ApplicationName>/<FeatureFilename>)

      You can set multiple formats in ALM, with the following format:

      For Example: OTFA\\Team_Application\\Sprint1
    - **Domain**: Domain specific to HPALM (if applicable)
    - **Project:** Project name in HPALM
    - **Default Configuration:** Select this checkbox if you want this instance to be used as default for most of your applications.
7. (Optional) Select **Metadata Setup Needed**, if there are customizations in ALM done, and those need to be considered for any data getting into ALM, specifically if test cases or defects are to be uploaded to the tool. If you select this checkbox, then you must configure the metadata as specified in Setting up tool metadata.
7. Click on **Submit** to create the tool instance.

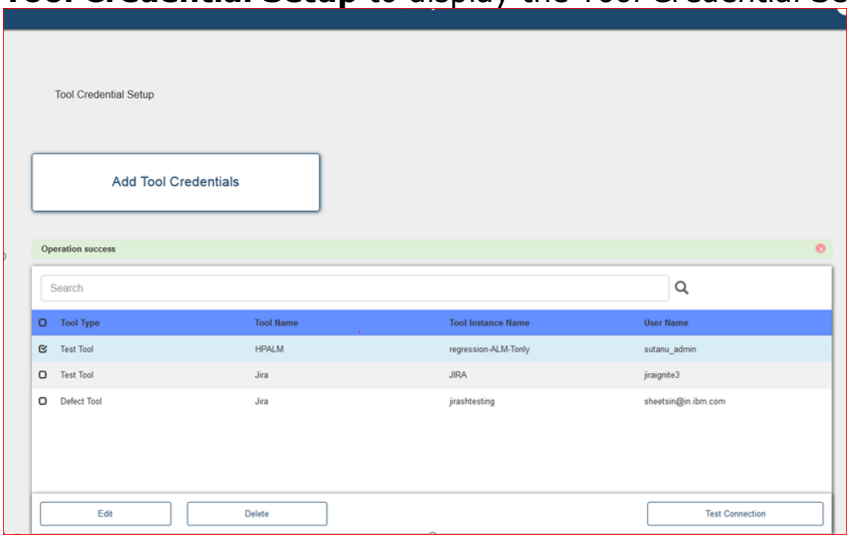
8.3 Configuring tool credentials

Once the tool instances have been setup, you can setup the credentials to access the third-party tool instances. These credentials are used by IGNITE to connect with third-party tools to push or

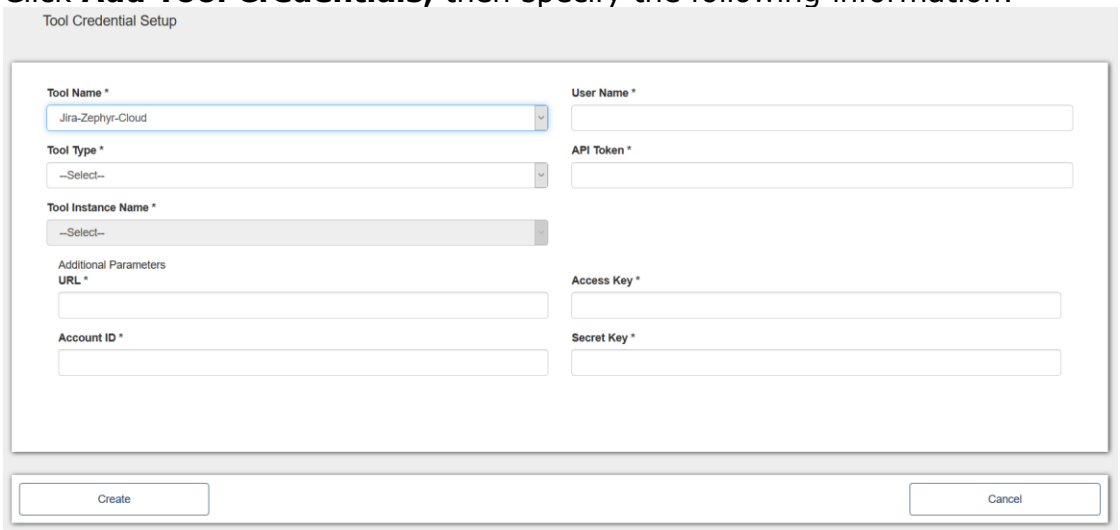
pull defects, test cases and other artifacts as needed. Every IGNITE user needs to have this individually setup to access any information related to these tools.

To configure tool credentials, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application, then select **Other Admin > Tool Credential Setup** to display the Tool Credential Setup page.



4. Click **Add Tool Credentials,** then specify the following information:



Tool Name: Select any of the options. The resulting fields vary depending on the tool for which you are setting credentials.
Tool Type: Select whether the tool is a Test Tool, Defect Tool or both Test & Defect Tool
Tool Instance Name: Specify the tool instance name which matches with the selected tool name and tool type from the list.
User Name: Specify the user name.
User Password: Specify credentials for the instance. This option will not be available if you selected Jira-Zephyr-Cloud as the tool name.

API Token: This option is available only if Jira-Zephyr-Cloud is the tool. Specify the API token here.
URL: Specify the URL of the Jira-Zephyr Cloud instance
Account ID: Specify the Account ID information.
Access Key: This is a mandatory field. Specify the Access key information to log into the cloud instance.
Secret Key: This is a mandatory field. Specify the secret key information to log into the cloud instance.

5. Click on **Create** to add the set of credentials.

8.4 Setting up tool metadata

Customization is common in HP ALM or JIRA in the form of custom fields at both test and defect level, as well as default data setup for existing and custom fields, and can be specific to each project too.

For example. If in Project 1 the Defect default status is "Open" and in Project 2, the Defect default status is "New", then when updating test or defect data in such cases, IGNITE needs to be aligned to these customizations.

The IGNITE Metadata setup page allows you to configure default data to required fields (System and user). You must set up metadata for all tools when there are any write or update operations to be performed on the test and defect management tools. It is however not required incase data needs to be only queried.

Each ALM or JIRA instance contains different set of parameters (some mandatory) for the test cases/defects to be uploaded or logged.

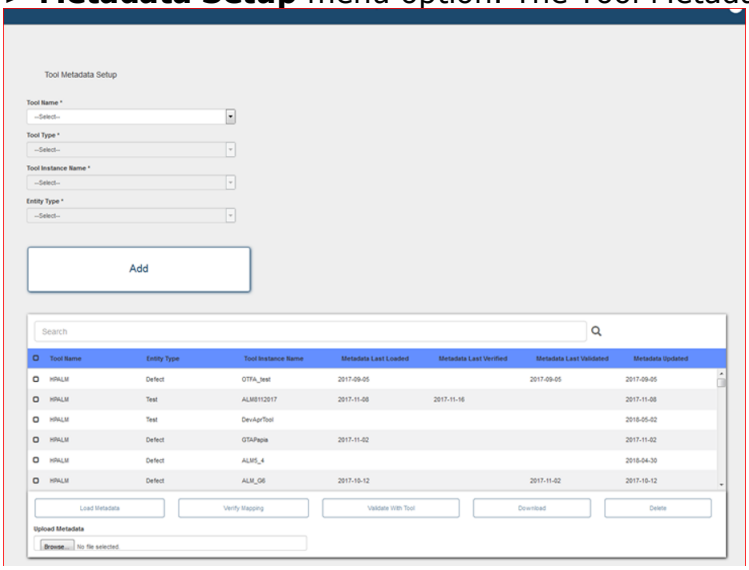
Refer the following tables for the required entity types for each tool and the required metadata objects that need to be setup for each type of tool selection.

IGNITE tool type	Tool Name	Entity Type
Test and Defect Tool	HP ALM	Test, Test-Instance, Run, Test-set, defect
Test tool	HP ALM	Test, Test-Instance, Run, Test-set
Defect Tool	HP ALM	Defect
Test and Defect Tool	JIRA-ZEPHYR	Test, Defect, Cycle
Test tool	JIRA-ZEPHYR	Test, Cycle
Defect Tool	JIRA	Defect
Test and Defect Tool	JIRA-XRAY	Test, Defect, Test Set, Test Execution
Test tool	JIRA-XRAY	Test, Test Set, Test Execution
Test and Defect Tool	JIRA-ZEPHYR-CLOUD	Test, Defect, Cycle
Test tool	JIRA-ZEPHYR-CLOUD	Test, Cycle

Test and Defect Tool	JIRA-XRAY-CLOUD	Test, Defect, Test Set, Test Execution
Test tool	JIRA-XRAY-CLOUD	Test, Test Set, Test Execution

To setup Metadata for a tool instance, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application, then elect the **Other Admin > Metadata Setup** menu option. The Tool Metadata Setup page is displayed.

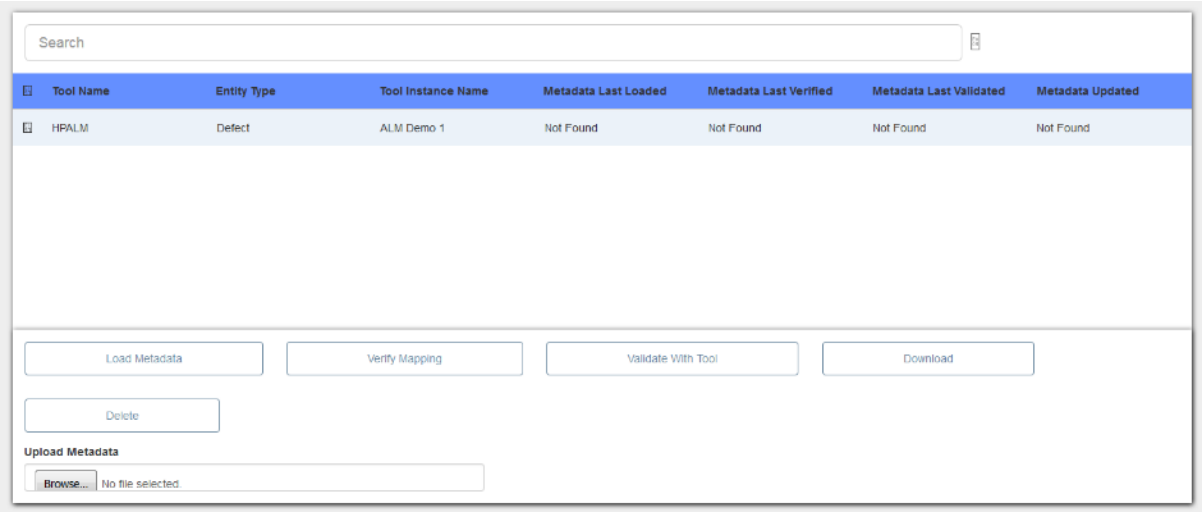


4. Specify the details as per the tool setup and business requirement. Refer to the following table for more information:

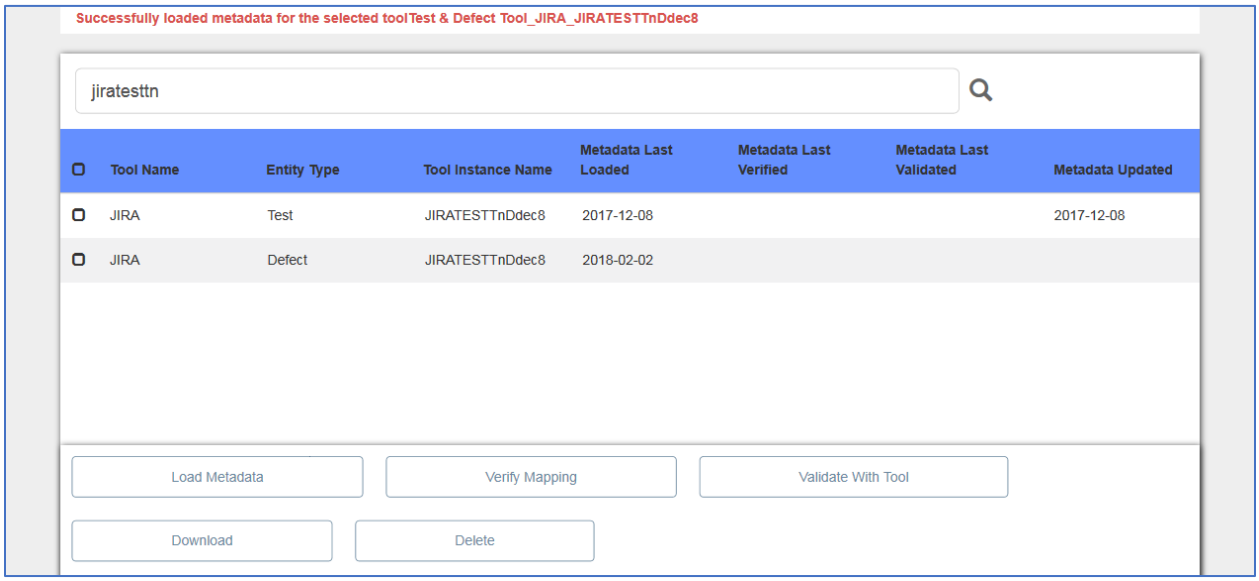
Allowed Metadata entities /objects for handling customizations in Tool

Business usecase to handle	If Tool name is ..	If Tool Type is...	Required metadata entity to be setup
Load FF/Testcases into Tool Delete FF/Archive testcases	HPALM	Test & Defect Tool	Test
	HPALM	Test Tool	Test
	JIRA-ZEPHYR	Test & Defect Tool	Test
	JIRA-ZEPHYR	Test Tool	Test
	JIRA-XRAY	Test & Defect Tool	Test
	JIRA-XRAY	Test Tool	Test
Load Test Execution results into Tool	HPALM	Test & Defect Tool	Test, Defect, Test-set, Test-Instance, Run
	HPALM	Test Tool	Test, Test-set, Test-Instance, Run
	JIRA-ZEPHYR	Test & Defect Tool	Test, Defect
	JIRA-ZEPHYR	Test Tool	Test
	JIRA-XRAY	Test & Defect Tool	Test, Defect, Test Set, Test Execution
	JIRA-XRAY	Test Tool	Test, Test Set, Test Execution
	JIRA	Defect Tool	Defect
Create/Update/Review defect	HPALM	Test & Defect Tool	Defect
	JIRA-ZEPHYR	Test & Defect Tool	Defect
	JIRA-XRAY	Test & Defect Tool	Defect
	JIRA	Defect Tool	Defect

5. Click **Add,** to add each metadata entity selected. The specific tool instance for which you want to update the details is added to the list of tool instances. In case this is already in the list, you get the message that the tool instance already exists, and you can directly add the metadata to it.



6. Select the added entry from the list and click **Load Metadata**. A message is displayed if the metadata is successfully loaded from the tool (HP ALM/JIRA) to the IGNITE database and the Metadata Last Loaded date is updated.



7. Select the tool instance for the entity type for which you want to download the metadata, then click **Download** to download metadata to your local.
8. Review the downloaded metadata JSON file.
    a. For all the "required : true" entities, set static values as follows:
        - Set "value" with some fixed text, for example, "value: "Automation"
        - Do not set any value for mappingAttributeName, for example, "mappingAttributeName": ""
        - Set mappingAttributeAvailable to false, for example, "mappingAttributeAvailable": "false"

    Sample code is shown below:

    Static value setting in JSON

    {

```
"label" : "TestCase Type",
"name" : "user-03",
"size" : "255",
"type" : "LookupList",
"mappingAttributeName" : "",
"value" : "AUTOMATION",
"required" : true,
"editable" : true,
"mappingAttributeAvailable" : false
}
```

b. For all the "required : true" entities, set dynamic values as follows:
   - Set "value" blank, for example, "value: ""
   - Set mappingAttributeName to a valid mapping attribute to pick value dynamically @ runtime, for example, "mappingAttributeName": ""
   - Set mappingAttributeAvailable to true, for example, "mappingAttributeAvailable": "true"

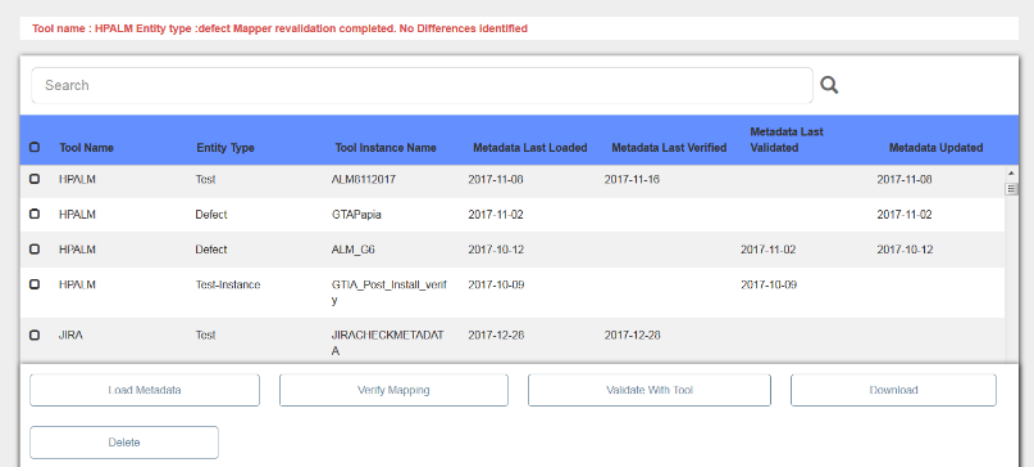
Dynamic value setting in JSON

```
{
"label" : "Test Name",
"name" : "name",
"size" : "255",
"type" : "String",
"mappingAttributeName" : "Scenario",
"value" : "",
"required" : true,
"editable" : true,
"mappingAttributeAvailable" : true
}
```

Note: When setting up Static values, ensure that the values are available in the tool (especially in case of dropdown or list). Choosing a non-existent or a not applicable value will result in failure of updates later. Some attributes need to be ignored as they are automatically set by the tool.

For Samples and details procedure to setup the metadata, refer to the *Test & Defect Tool Setup_ R5.6.pdf* file.

9. Click **Choose File** in the Upload Metadata section to browse and upload the updated metadata.
10. Click **Verify Mapping** to verify if all the necessary mapping for mandatory fields are present for the metadata uploaded in the previous step to IGNITE database. If no errors appear it means that no setup is needed for the entity in that instance.
11. Click **Validate with ALM** to verify that the configured metadata for correctness with the current ALM/JIRA configuration. Over time the tool configuration changes and then the metadata may need an update as well. This option helps in validating the same. A success message is displayed in case the data passes the validation. This is an optional step.



12. To delete metadata, select any metadata record, ad click on **Delete**. Click **OK** to confirm deletion.

8.5 Modifying tool instance and credentials

To modify tool instances or tool credentials, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. To modify tool instances, complete the following steps:
    a. Click the ☰ icon on the top left-hand side of the application, then select **Other Admin > Tool Setup.** The Setup Test & Defect Tool page is displayed.
    b. Select the instance to be edited, and then click **Edit**.
    c. Make the necessary edits in the subsequent screen and click on **Update**.
4. To modify the tool credentials, complete the following steps:
    a. Click the ☰ icon on the top left-hand side of the application, then select **Other Admin > Tool Credential Setup** to display the Tool Credential Setup page.
    b. Select the credentials to be edited, and then click **Edit**.
    c. Make the necessary edits in the subsequent screen and click on **Update**.

8.6 Deleting tool instances and tool credentials

To delete tool instances or tool credentials, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. To delete tool instances, complete the following steps:
    a. Click the ☰ icon on the top left-hand side of the application, then select **Other Admin > Tool Setup.** The Setup Test & Defect Tool page is displayed.
    b. Select the instance to be deleted, and then click **Delete**.
    c. Click **Update**.

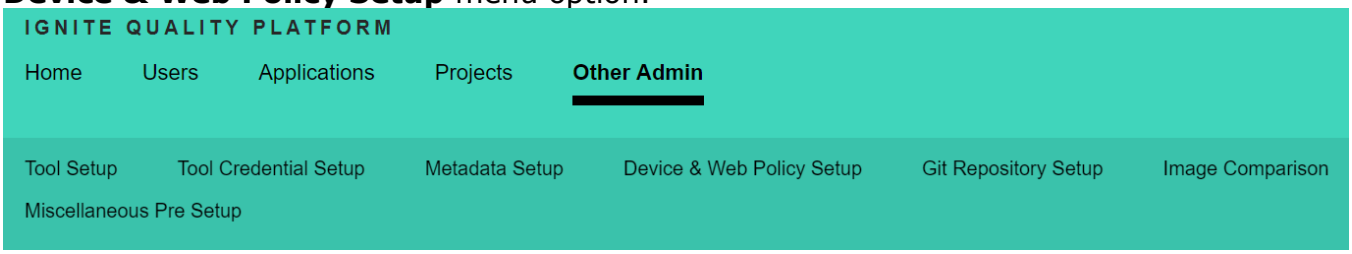
4. To modify the tool credentials, complete the following steps:
    a. Click the  icon on the top left-hand side of the application, then select **Other Admin > Tool Credential Setup** to display the Tool Credential Setup page.
    b. Select the credentials to be deleted, and then click **Delete**.
    c. Click **Update**.

9 MANAGING DEVICE AND WEB POLICIES

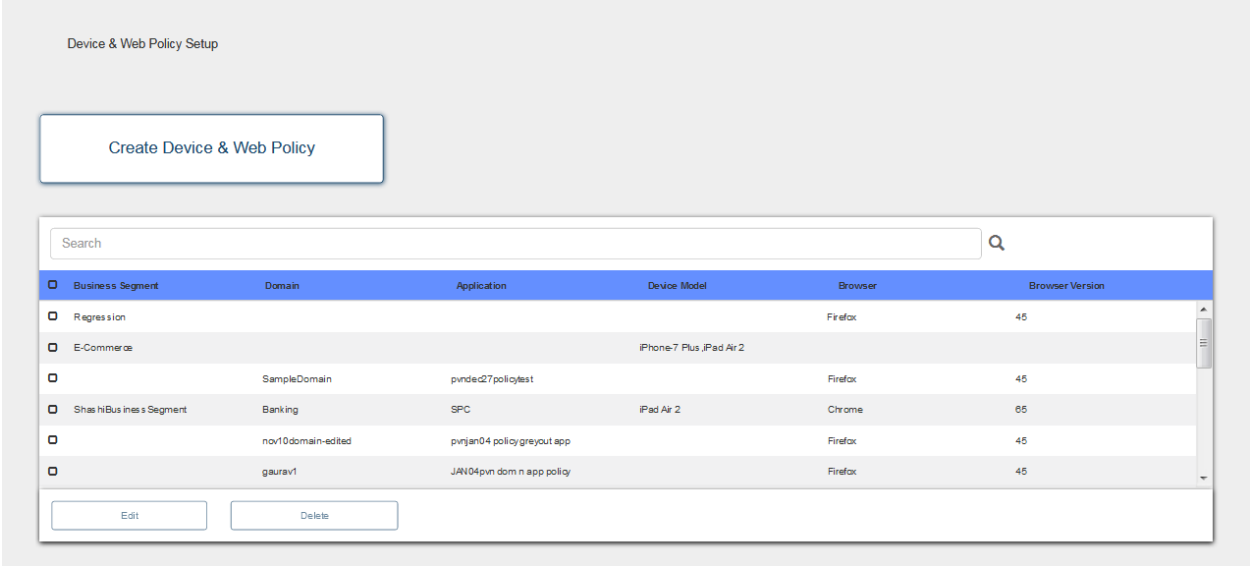
The device and web policies are used to help organizations drive web and mobile automation strictly on the policy guidelines. You can setup the various device and web policies for applications which are used for testing later. You can also modify an existing device and web policy.
If device and web policies are setup, OTFA web and mobile automation overrides defaults with the data specified in the policy, and present only the policy specific browsers and devices for that application in the test execution setup.

9.1 Setting up a Device and Web Policy

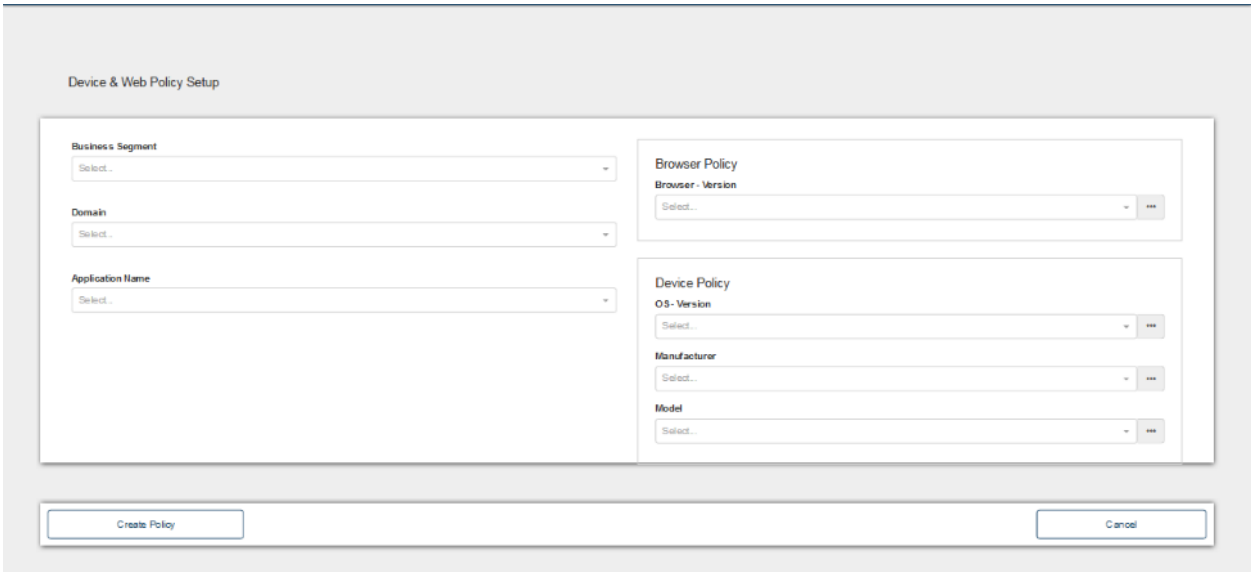
8. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
9. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
10. Click the ☰ icon on the top left-hand side of the application. Select the **Other Admin > Device & Web Policy Setup** menu option.



11. Click **Device & Web Policy Setup**. The Device & Web Policy Setup page is displayed.



12. Click **Create Device & Web Policy**. The Device & Web Policy Setup page is displayed.



13. Specify the following information:
    a. **Business Segment:** Select the business segment for the application.
    b. **Domain:** Select the domain for the application.
    c. **Application Name:** Select the application name for which you are creating the policy.

> **Note:** Select either Business Segments or Domains and Applications. If Business Segment is selected, Domain and Application Name fields are disabled or if values are selected for Domain and Application Name fields, the Business Segment field is disabled.

    d. **Browser Policy:** Select a browser version from the list or add a browser version using the ··· button
    e. **Device Policy:** Select an OS-Version, Manufacturer and Model from the lists or add new using the ···

> **Note:**In the Device Policy section, multiple options can be selected in only one of the 3 fields. If more than 1 option is selected for any field in the Device Policy section, the other fields in the section allows selection of only one option.

> Ensure that the Device & Web Policy Setup contains either the Browser Policy or the Device Policy.

14. Click **Create Policy** to save the policy details for the application. Click **Cancel** to go back and create a different policy.

9.2 Modifying a Device and Web Policy

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the ☰ icon on the top left-hand side of the application. Select the **Other Admin > Device & Web Policy Setup** menu option.
4. Click **Device & Web Policy Setup**. The **Device & Web Policy Setup** page is displayed.

5. Select the device to be modified and click **Edit**
6. Modify the required fields and click **Update.**

9.3 Deleting a Device and Web Policy

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the  icon on the top left-hand side of the application. Select the **Other Admin > Device & Web Policy Setup** menu option.
4. Click **Device & Web Policy Setup**. The **Device & Web Policy Setup** page is displayed.
5. Select the device to be deleted and click **Delete**

10 Integrating test optimization with Git Repository

The test optimization tool and the standalone CTD FOCUS is integrated with Git based repositories such as Github, BitBucket and GitLab. The models can be committed to GitHub/Bitbucket/Gitlab from the tool.

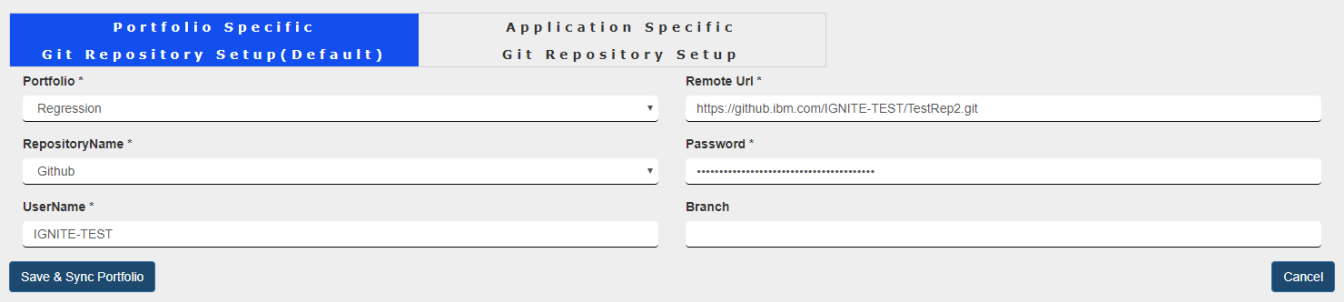
IGNITE Platform retrieves those models based on the portfolio or application enables a view of the model or test plans and allows users to download models.

The portfolio-based visibility on the setup ensures that all applications belonging to one portfolio carry the same setup.

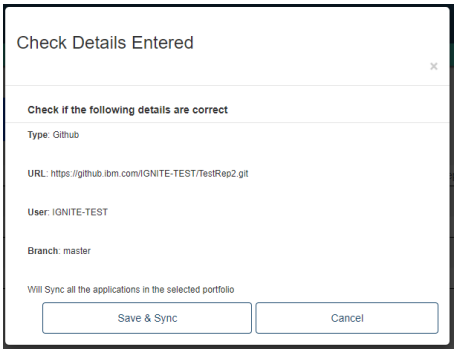
10.1 Configuring portfolio specific Git repository

To setup portfolio specific Git repository, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the ☰ icon on the top left-hand corner. Select the **Other Admin > Git Repository Setup** menu option.



4. In the Portfolio Specific Git Repository Setup (Default) tab, specify the following information:
   - **Portfolio:** Select a portfolio from the drop-down list.
     Admin user have visibility of all portfolios that they have access to.
   - **Remote Url:** The path of the remote repository on the host.
   - **Repository Name:** Select the repository name to sync from dropdown with values, Bitbucket, Github, Gitlab,Bonobo.
   - **UserName:** User credentials to access the remote repository. For GitHub, specify only the organization name as specified in GithHub and not the username that is used to login to the GitHub.
   - **Password:** Password or auth key for the remote repository.
   - **Branch:** Specify the name of the Git branch. This is an optional field.
5. Click **Save & Sync Portfolio.**
6. Review the details and click **Save& Sync**.

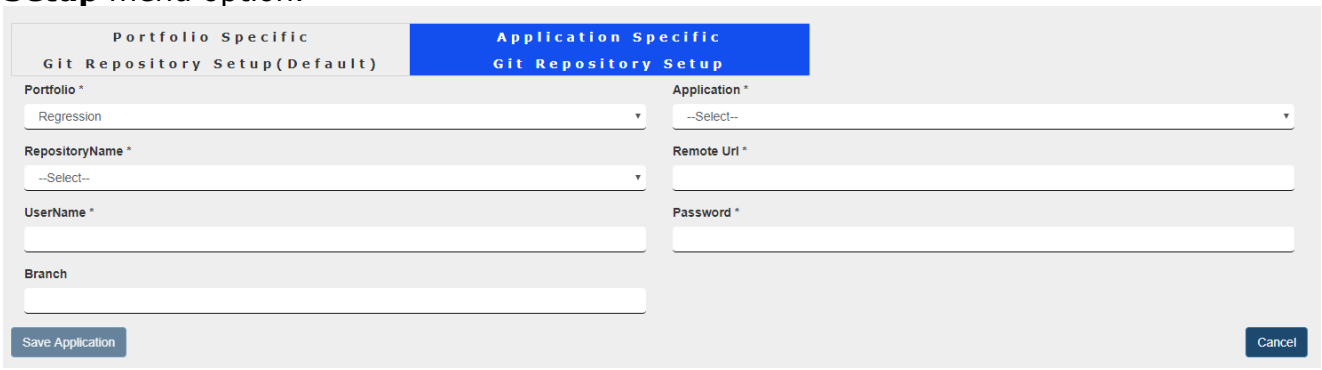


Ensure that the repository name and the remote URL are setup properly, without which the syncing fails.

10.2 Configuring application specific Git Repository

To setup the application specific repository, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand corner. Select the **Other Admin > Git Repository Setup** menu option.



4. Click **the Application Specific Git Repository Setup** tab.
5. Specify the following information:
   - **Portfolio:** Select a portfolio from the drop-down list. Admin user have visibility of all portfolios that they have access to.
   - **Application:** Select the name of the application
   - **Repository Name:** Select the repository name to sync from dropdown with values, Bitbucket, Github, Gitlab,Bonobo.
   - **Remote Url:** The path of the remote repository on the host.
   - **UserName:** User or org credentials to access the remote repository.
   - **Password:** Password or auth key for the remote repository.
   - **Branch:** Specify the name of the Git branch.
6. Click **Save & Sync.**

Ensure that the repository name and the remote URL are setup properly, without which the syncing fails.

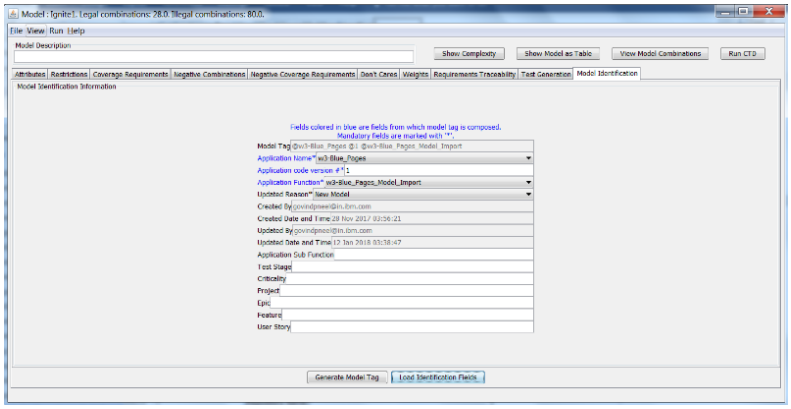
10.3 Configuring the standalone CTD FOCUS tool for Git Repository

To upload models directly from the standalone CTD FOCUS tool, you must configure Git repository in the tool.

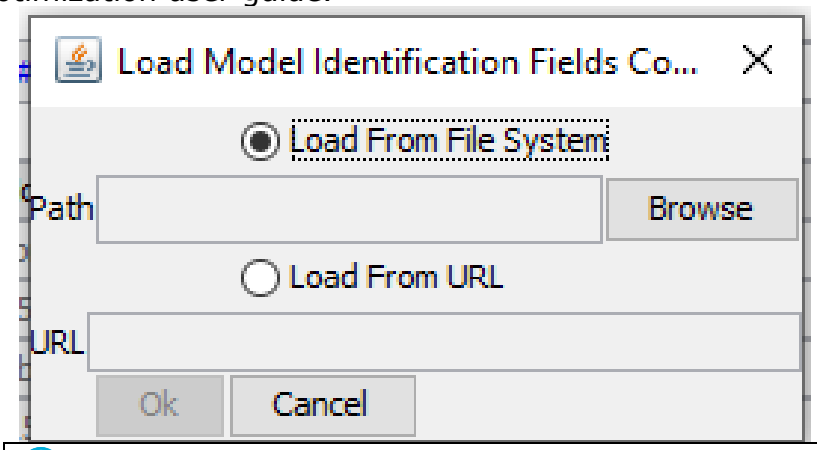
The uploaded models are organized in the repository based on application and model details obtained from the model Identification tab.

To configure CTD Focus tool for IGNITE, complete the following steps:

1. Launch FOCUS and open any model
2. Select the **Model Identification** tab and click **Load Identification Fields.**

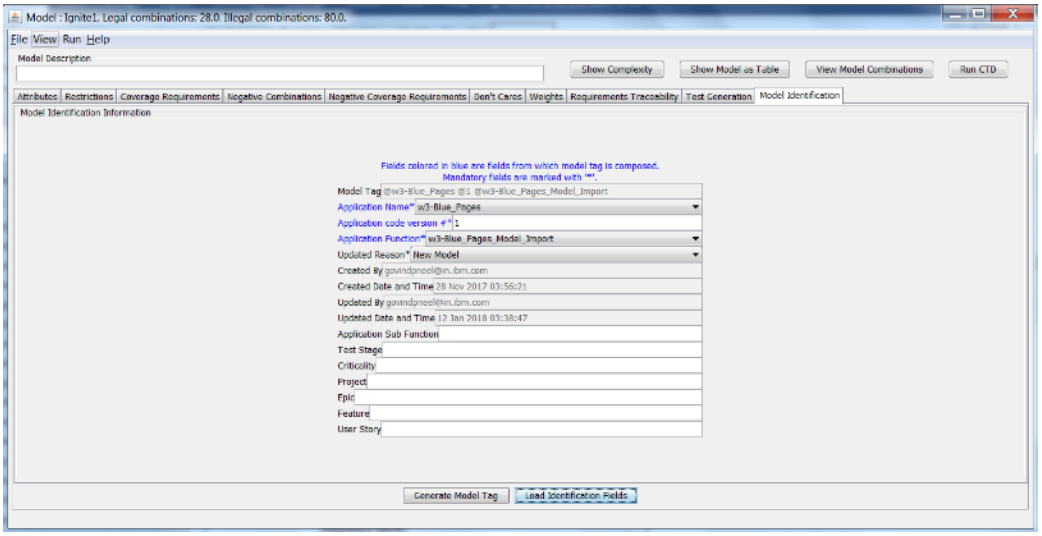


3. Specify the following information in the Load from File System option, then browse and select the json file, downloaded in Downloading model identification Json from the Test Optimization user guide.



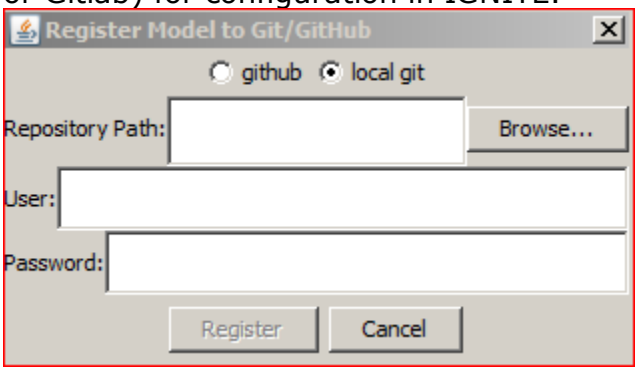
Note: The load from URL feature has been discontinued due to security reasons.

4. Click **OK**.
5. Select Application Name (any space will be replaced with '_') followed by Application Function.



Note: The Application functions will be in the format <Application name>_<Application function>. Make sure that you select the right function of the application.

6. Specify the **Updated Reason** and click **Generate Model Tag**.
7. The registration process is similar to what is explained in the standalone FOCUS help.
    a. Specify the local Git details of the repository which is being used (GitHub or Bitbucket or Gitlab) for configuration in IGNITE.



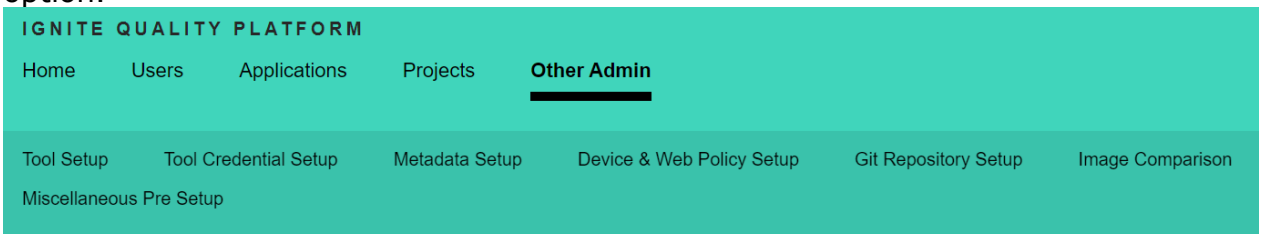
    b. Once the model is ready, sync the local repository to the remote repository, as per the local Git guidelines. The model file is now registered against the respective application and is available for consumption for everyone.

11 MANAGING AMBIGUOUS KEYWORDS FOR REQUIREMENT ANALYTICS

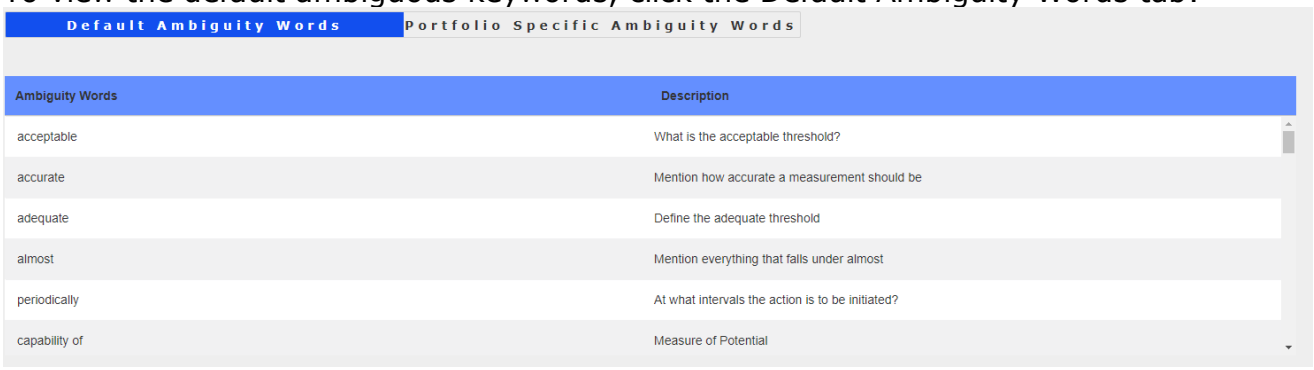
You can configure ambiguous key words that are specific to projects and also view the default ambiguous key words.

To setup the ambiguous key words, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand corner. Select the **Other Admin > RA Setup** menu option.

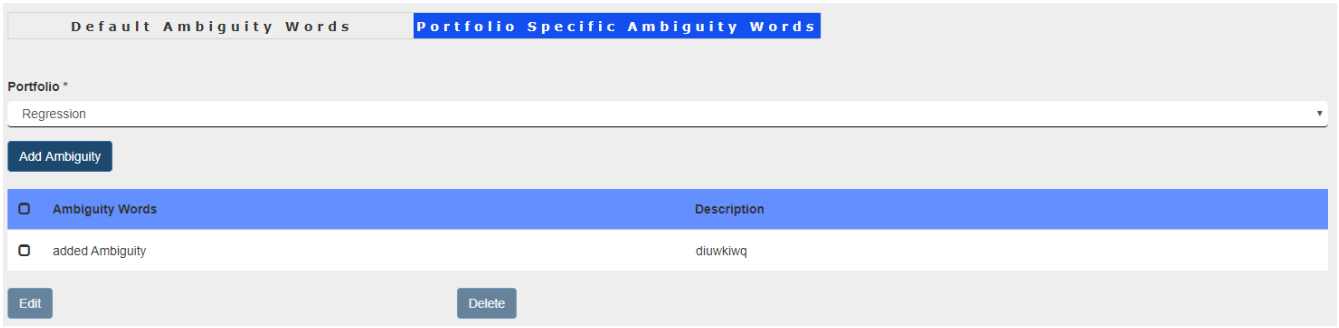


4. To view the default ambiguous keywords, click the Default Ambiguity Words tab:

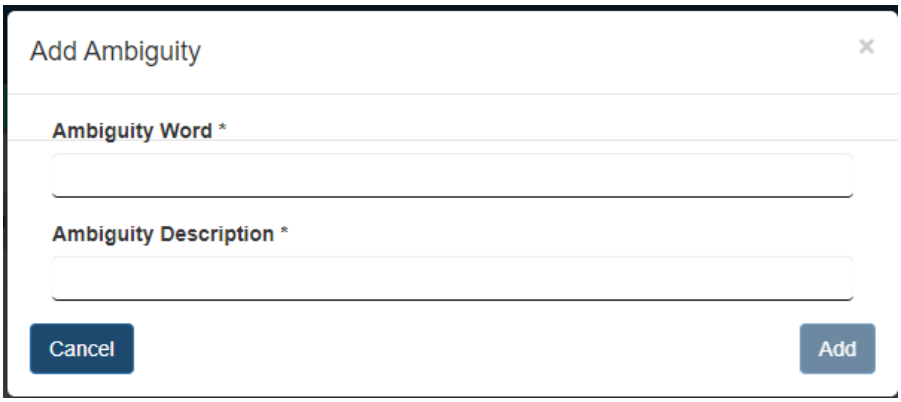


The default ambiguity words are applicable to all the portfolios.

5. To configure Portfolio specific ambiguity words, click the **Portfolio Specific Ambiguity Words**.



6. Select the portfolio from the **Portfolio** drop-down.
7. Click **Add Ambiguity**.



8. Specify the word in the **Ambiguity Word** field.
9. Specify a description for the word in the **Ambiguity Description** field, then click **Add**. The ambiguous word gets added to the list.
10. To edit and existing ambiguous word, select the word, then click **Edit**. Make the necessary changes, then click **Update**.

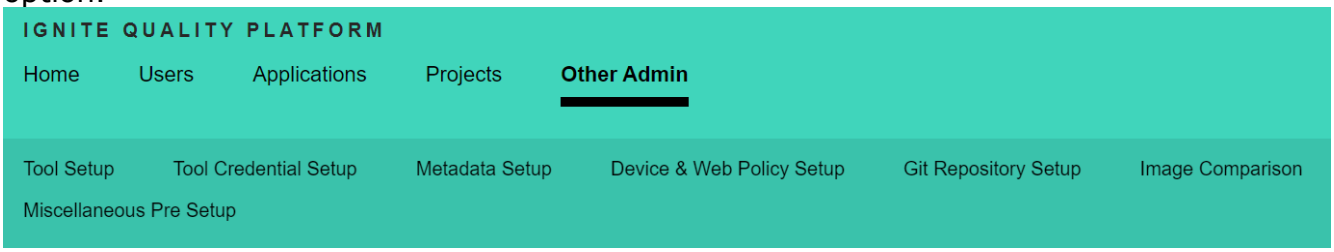
Note: you can edit or delete only the portfolio specific ambiguity keywords.

11. To delete an existing ambiguous word, select the word, then click **Delete**.

12 Configuring Complexity for Requirement Analytics

You can configure complexity value and ranges for the requirement analytics tool.

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand corner. Select the **Other Admin > RA Setup** menu option.



4. Click the **Complexity Setup** tab:

5. Select the portfolio from the **Portfolio** drop-down. Complexity configured in the page will be applicable for all the applications that are part of the selected portfolio.
6. Specify the following information complexity range, which must be between 0-100.
   - **Complexity (>):** Specify the complexity maximum range.
   - **Medium (>=):** Specify the complexity medium range.
   - **Low (>=):** Specify the complexity lower range.
   - For example, If Low is configured a 0, then medium is 25 & Complex as 68.5, then, the low range can be 0-24.99, medium range is 25-68.49, and high range is between 68.5-100.
7. Click **Submit changes**.

13 SETTING UP THE IMAGE COMPARISON TOOL

The image comparison tools are used for UI based testing in OTFA. Currently, IGNITE supports two tools for image comparison:

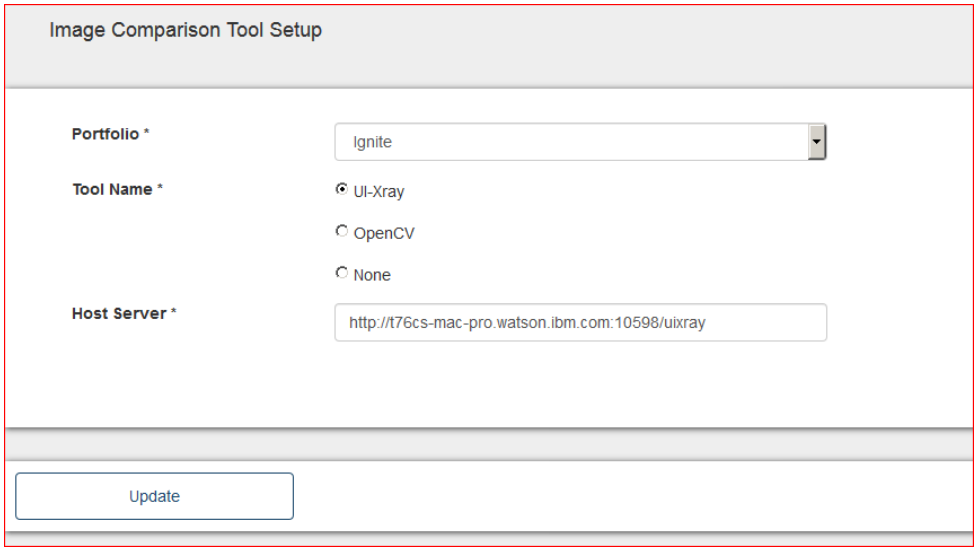
- UI-XRAY (IBM Internal research tool)
- Open CV (Open CV)

With the help of these two tools, OTFA compares a base reference image to another equivalent image, to identify differences between the two. It then creates a single merged image with differences, for easy identification and comparison.

To setup the Image comparison tool, complete the following steps:

1. Login to IGNITE as an Admin user, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The user name and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
3. Click the icon on the top left-hand side of the application.

4. Select **Other Admin > Image Comparison.** The Image Comparison Tool Setup page is displayed.



5. Specify the following information:
   - **Portfolio:** There is now a portfolio-based visibility on this setup. All Applications belonging to this portfolio will carry the same setup. The portfolios visible in the list are the ones that the logged in admin user has access.

- **Tool Name:** Select the tool on which the image would be compared and enter the host server for the selected tool. This will then drive this setup across all applications belonging to the portfolio.
- **Host Server:** Specify the IP address of the server on which the tool is hosted.

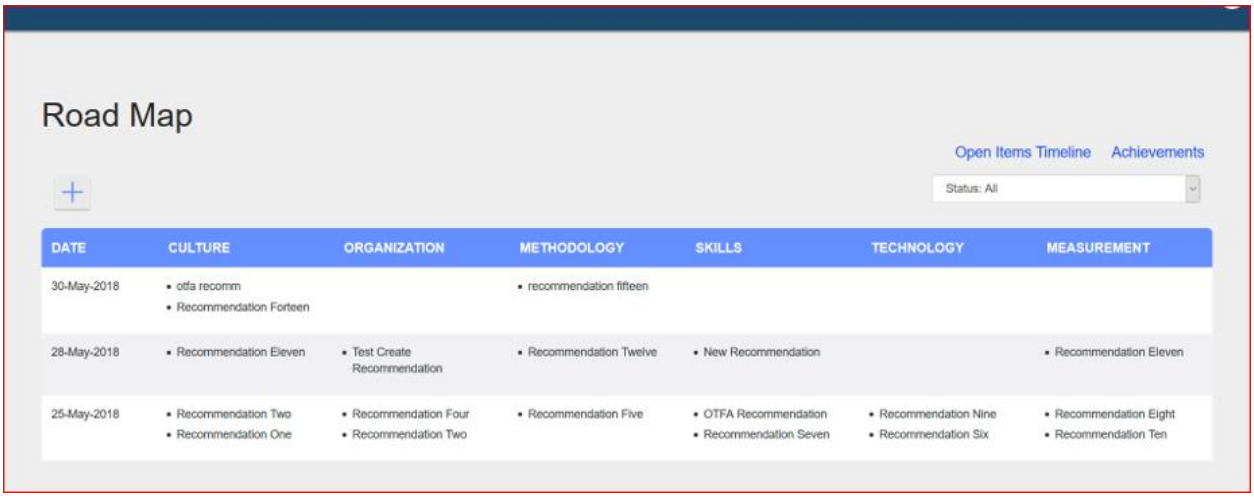
6. Click **Update.**

14 Working with the Quality plan

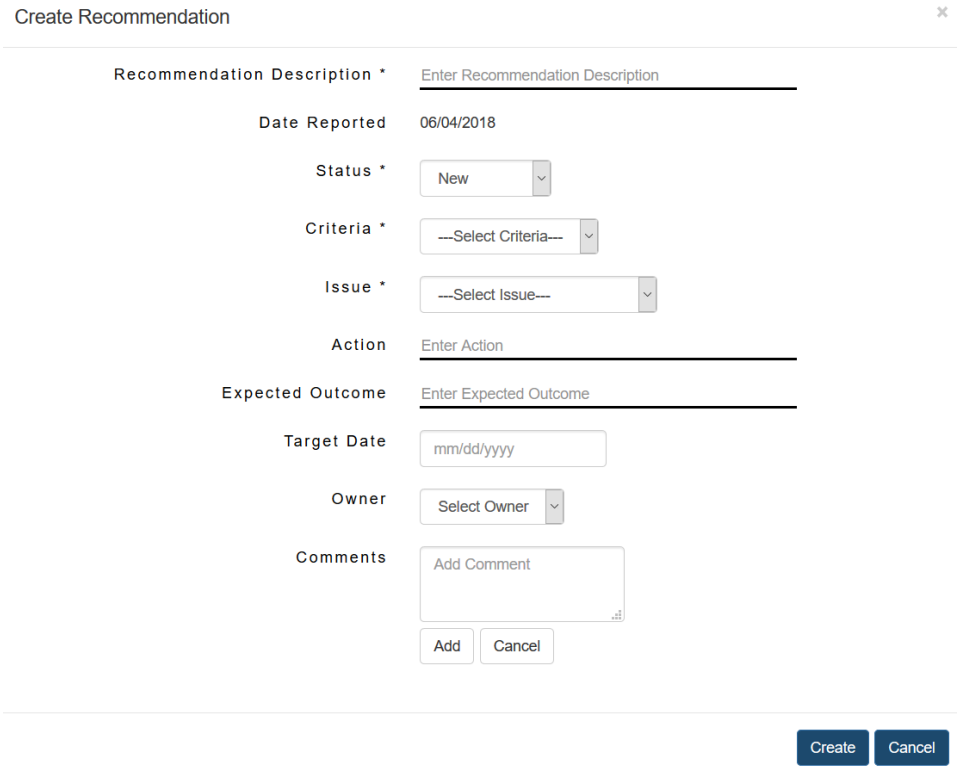
The quality plan tool allows you to create new recommendations, modify them and add recommendations from OTFA and publish recommendations from IDA.

14.1 Creating a new recommendation

1. Click the Quality Plan tile. The **Roadmap** screen will be displayed.

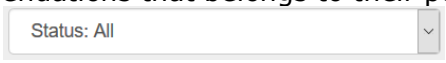


2. Click the + icon to create a new recommendation:



While creating any new recommendation the default date will be current date and the status of recommendation is **New**.

14.2 Modifying an existing recommendation

> Note**:** Test Manager and Admin can edit any recommendation and QA users can edit recommendations that belongs to their portfolio.
>
> Use the 
>
> dropdown at the top-right corner of the screen to filter recommendations based on their status.

1. Click the Quality Plan tile. The **Roadmap** screen will be displayed.
2. Open the recommendation that you want to modify.
3. If you are changing the status from any status to **On Hold** or **Cancelled**, the add information in the **Comments** field.
4. If you are changing the status from any status to **In Progress, Open** or **Completed**, then in addition to the above fields you must specify information for the following fields:
    - Action
    - Expected Outcome
    - Target Date
    - Owner: Display a list of owners that belongs to the portfolio to which the belongs.
    - Comments: If a mandatory field is edited then Comments field is mandatory.

> Note: For any recommendation the comments history will be maintained, with the user info and date when comment was added.

5. Click the **Open Items Timeline** link to see recommendations that are in **Overdue**, **In Progress** and **Open** status. The items are arranged as per the Target Date and the current date is highlighted in green color. The Overdue Items (displayed on the left) and In Progress (displayed on the right) and Open status recommendations that have their target dates in future are displayed.
6. Click the Achievements link to display all recommendations in **Completed** status in a table with fields,

14.3 Creating Recommendation from OTFA

The recommendations can be created from OTFA and published to the Quality Plan on IGNITE platform to be managed with other recommendations. For more information, refer to the OTFA user guide.

14.4 Publishing recommendations from IDA

The recommendations generated from the IDA analytics can be updated and published to Quality plan on IGNITE platform to be managed with other recommendations. For more information, refer to the IDA user guide.

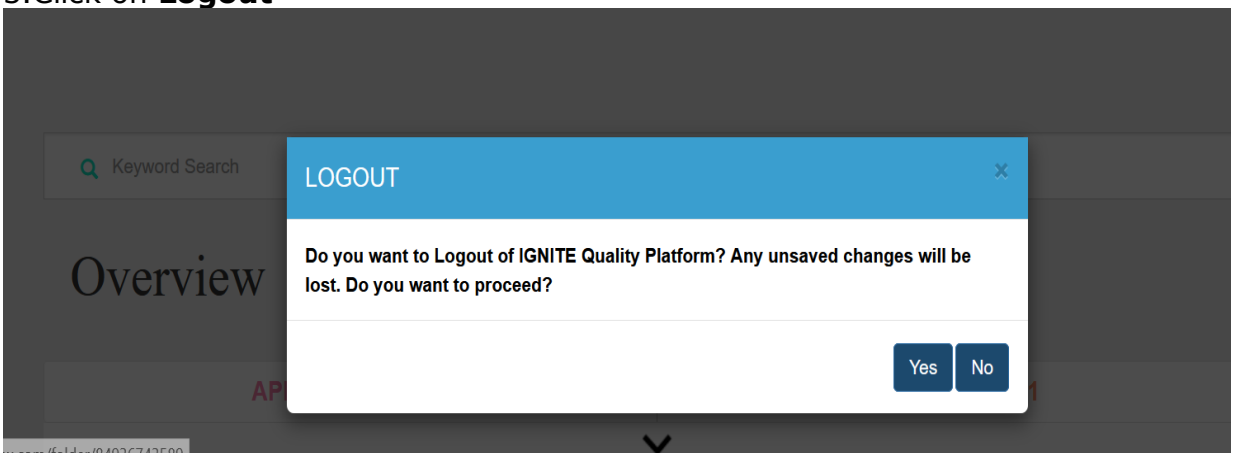
15 Logout from IGNITE Quality Platform

The Logout option will make you exit from your session of IGNITE Quality Platform. And give option for relog in to create New session in Ignite Quality Platform.

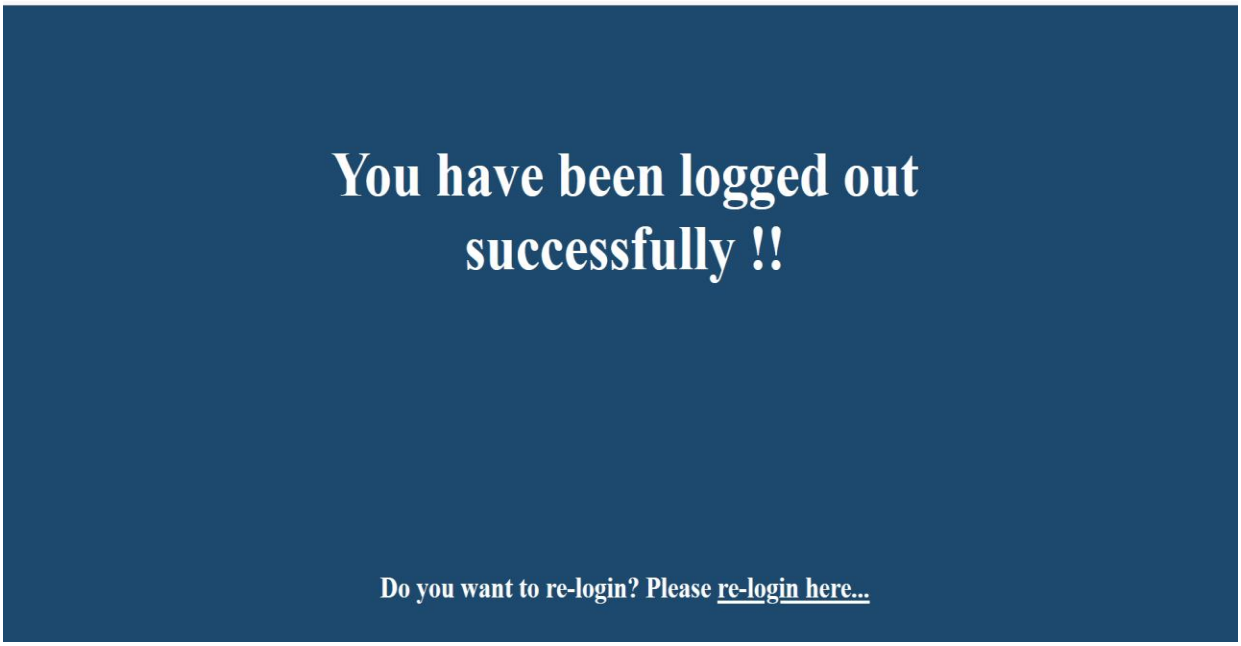
To logout from IQP, complete the following steps:

1. Login to IGNITE Quality Platform, by using the URL in the following format: https://<ipaddress>:<portno>/ignitePlatform/
2. Specify the username and password. The username and password would be Organization LDAP based and needs to be setup in advance. Also, a user must be created in IGNITE by an admin before you can log in.
   The landing page is displayed as follows:

3.Click on **Logout**



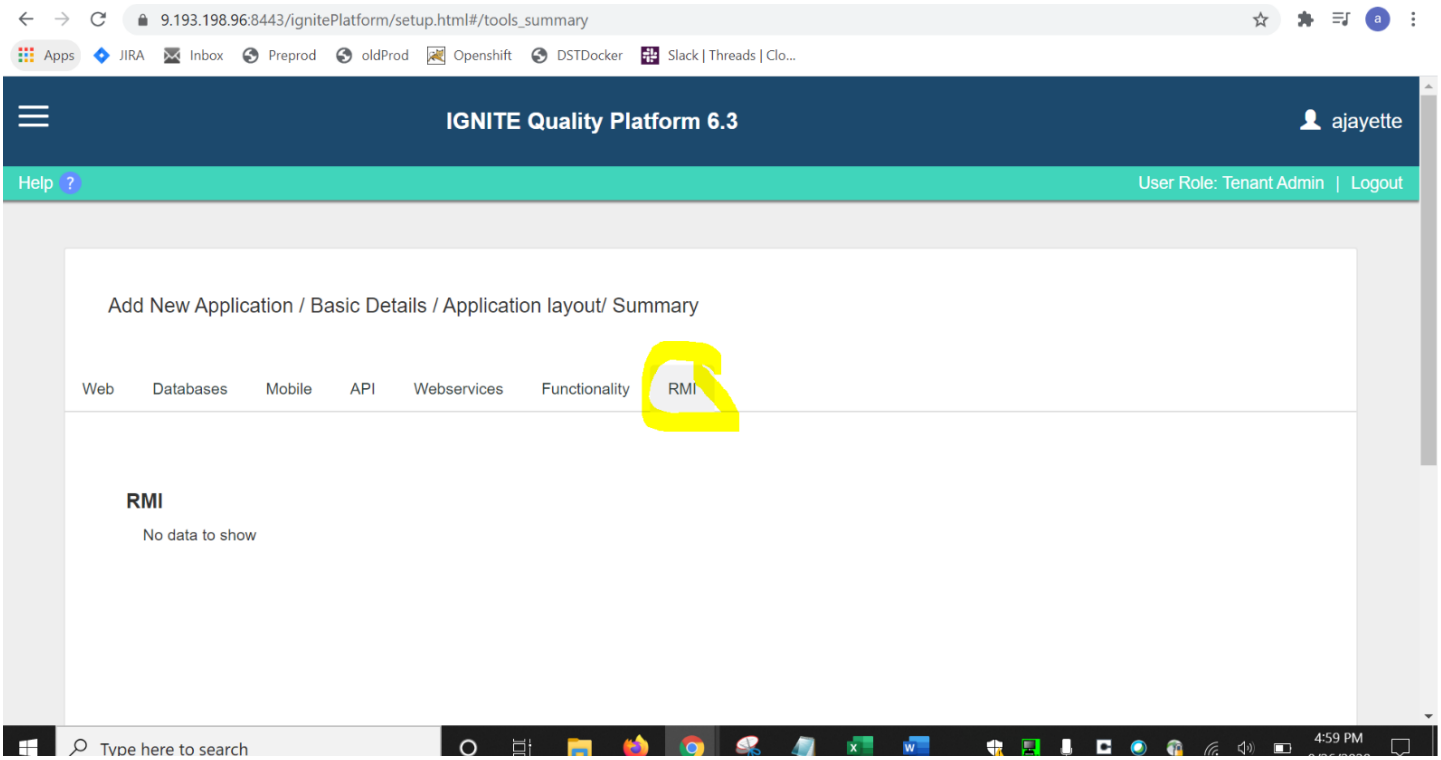
4.Click on **YES** to Exit from session Or Click on **NO** to continue with current session



5.Click on re-login here to login again to IGNITE Quality Platform.

16 RMI AUTOMATION TAB ADDITION IN APPLICATION SETUP

RMI Automation New tab addition in application setup is implemented in IQP



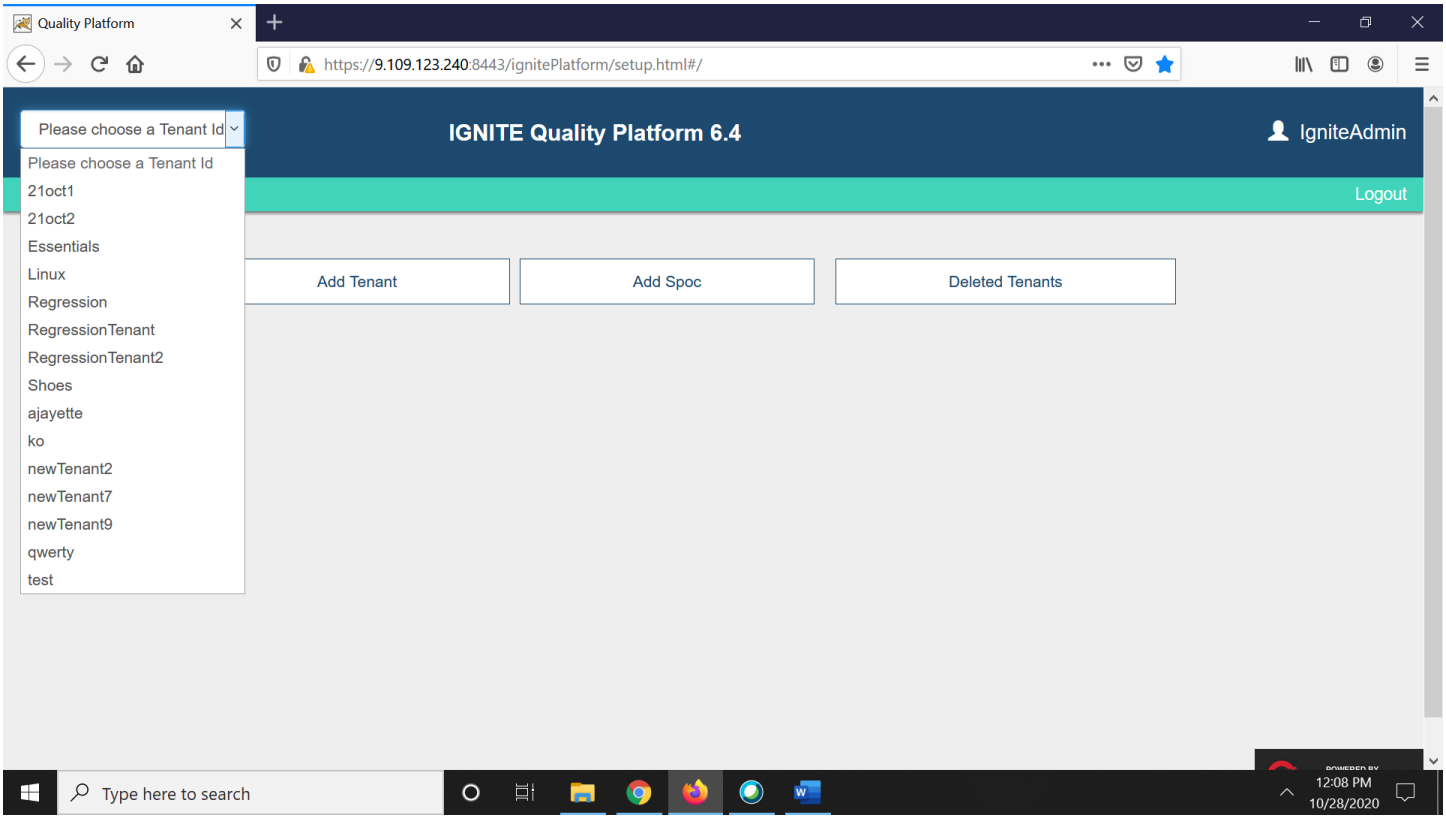
17 MULTITENANT USER ENABLEMENT

From the IGNITE Quality Platform 6.1 release, multitenancy support will be enabled. In a multitenancy architecture, the single instance of IGNITE Quality Platform infrastructure can serves multiple clients or multiple tenants. The data belonging to each tenant is isolated and remains invisible to other tenants. This will considerably bring down the infrastructure cost and ensure that upgrading and maintaining server becomes easy.

A tenant can have users, who in turn can have access to portfolio and application

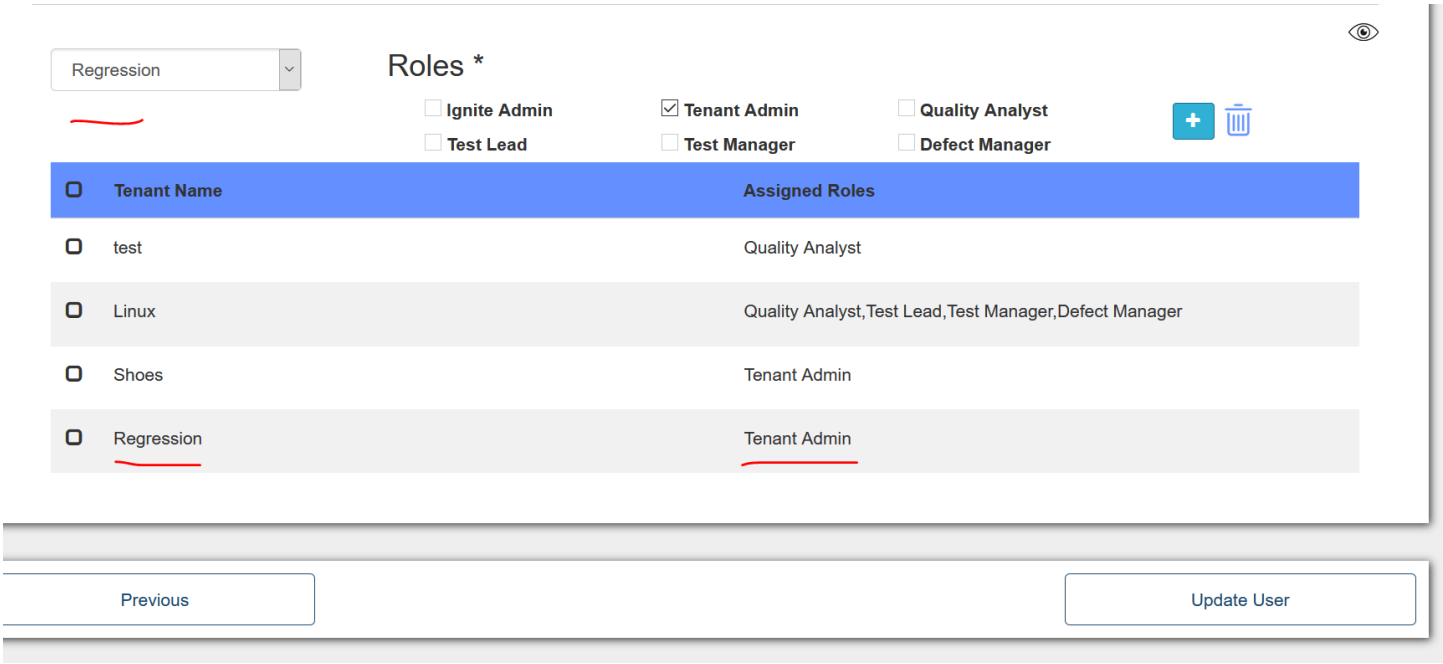
17.1 IN UI, Add/Edit user page, Tenant should be Multiselect

In UI can able to add or edit user page, Tenant also should be able to choose as required

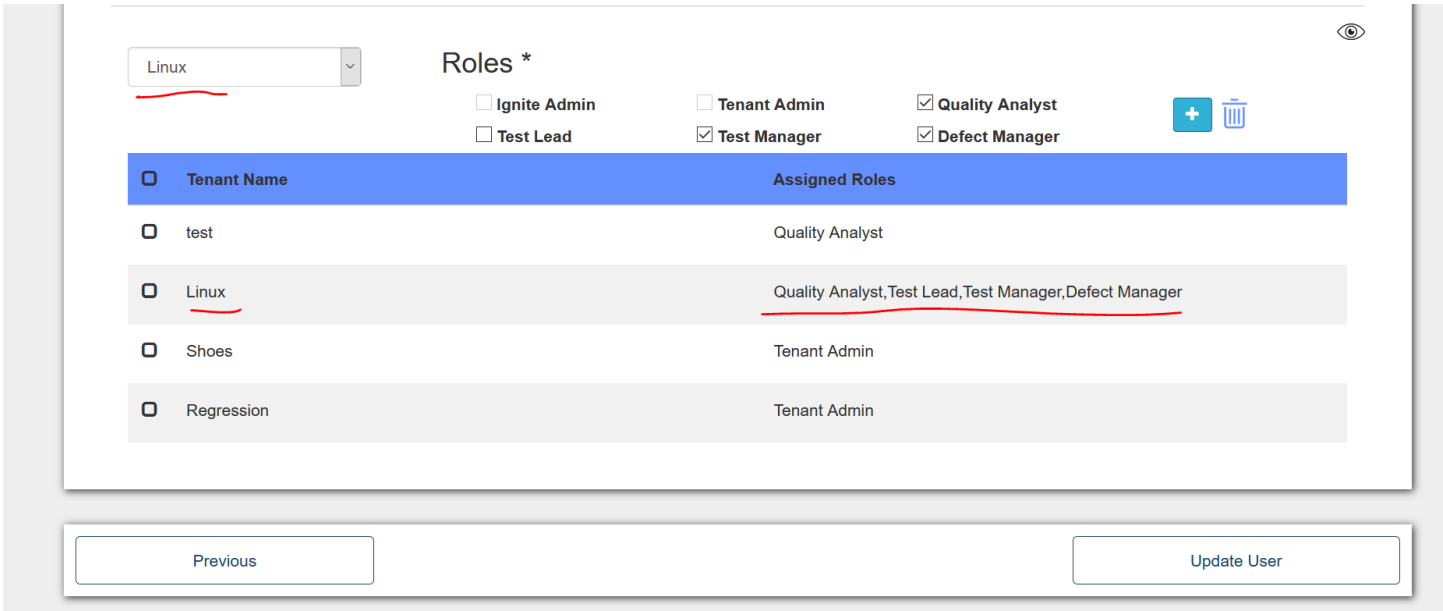


17.2 Same User can Tenant Admin in one Tenant

As part of new feature Same user can be a Tenant Admin in one Tenant & QA in another tenant.
Navigation: Add SPOC->User->Edit

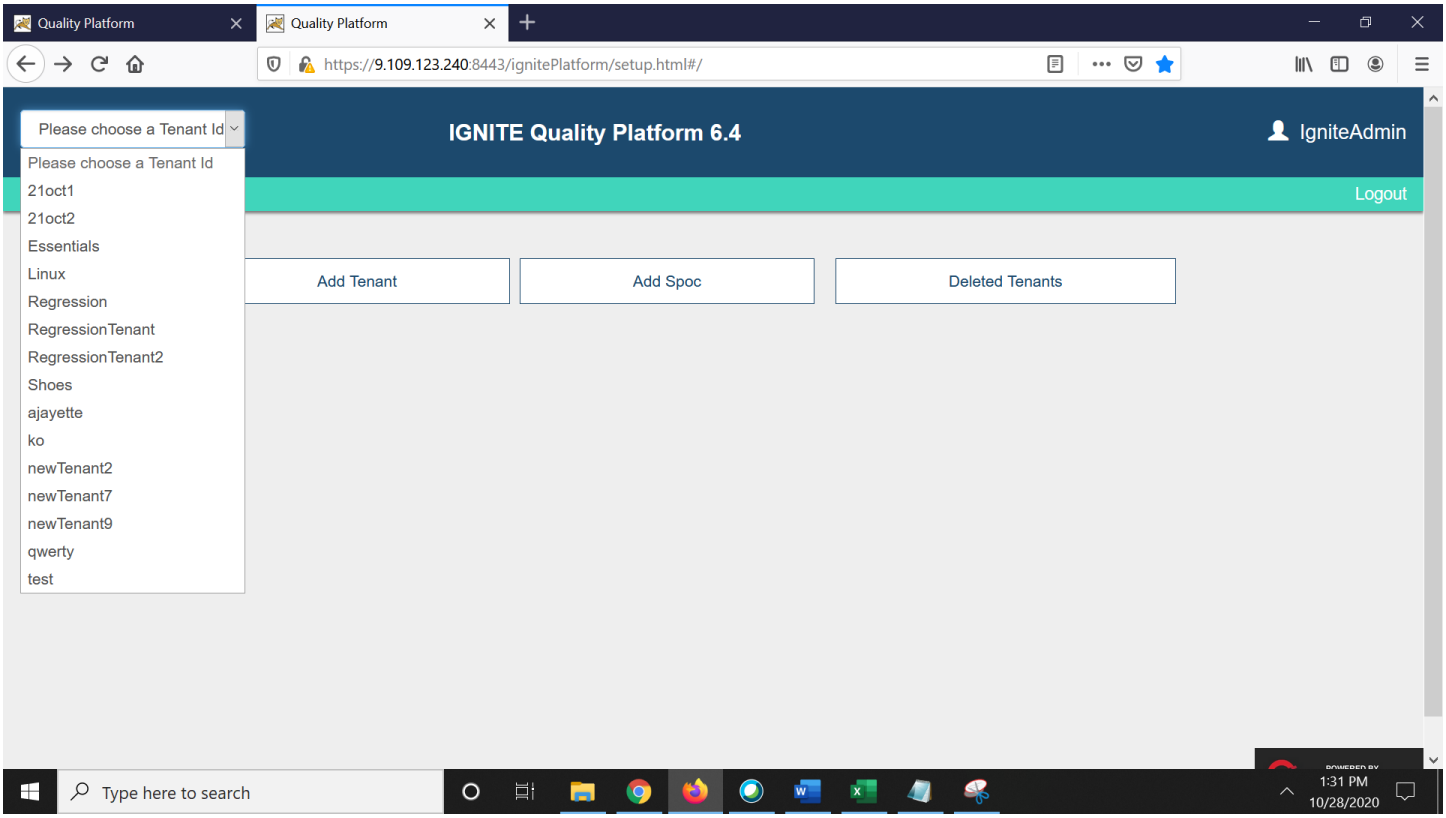


In another Tenant defined as follows



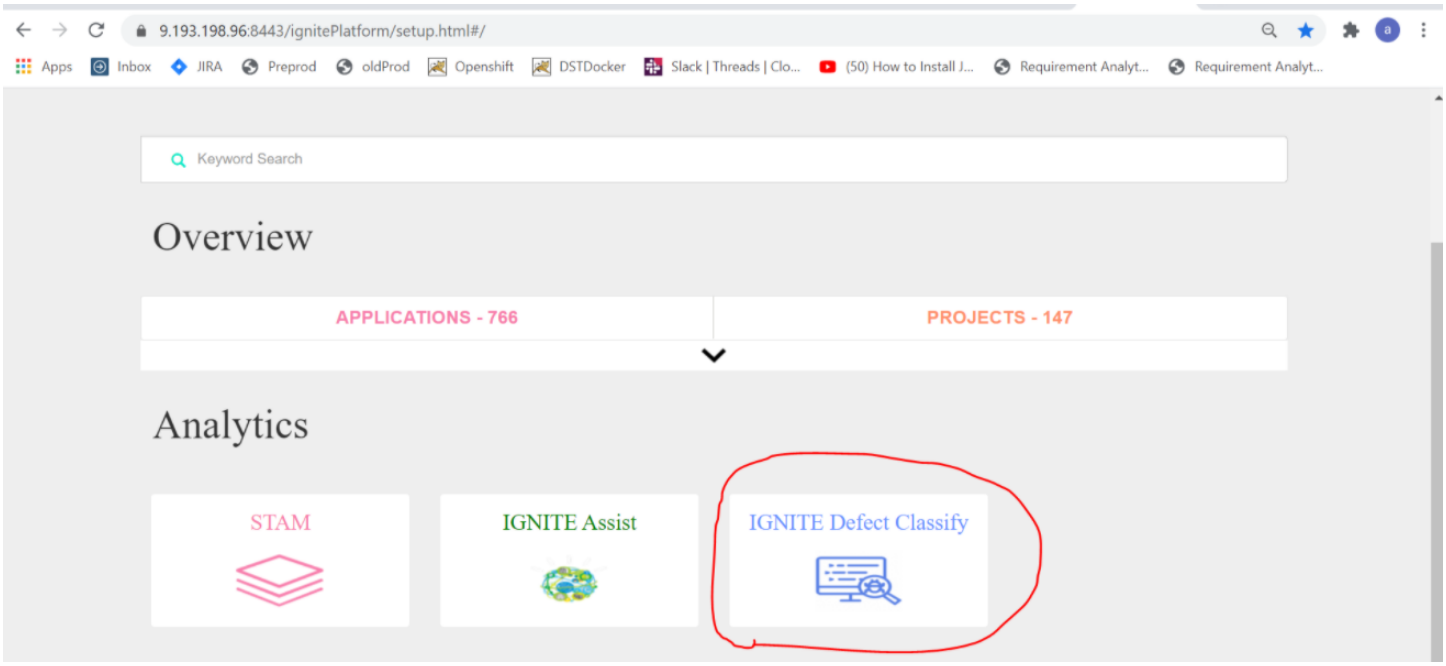
17.3 When User Logs in, Show a Pop-up

When user logs in, show a pop-up of tenant Names drop-down from which user can select one.



18 Add a link for IDC on platform for Demos

Adding a link for IDC on platform for Demos



19 Introduction to APK File

Have provision for users to enter app package, app activity manually from IQP application settings page for Mobile

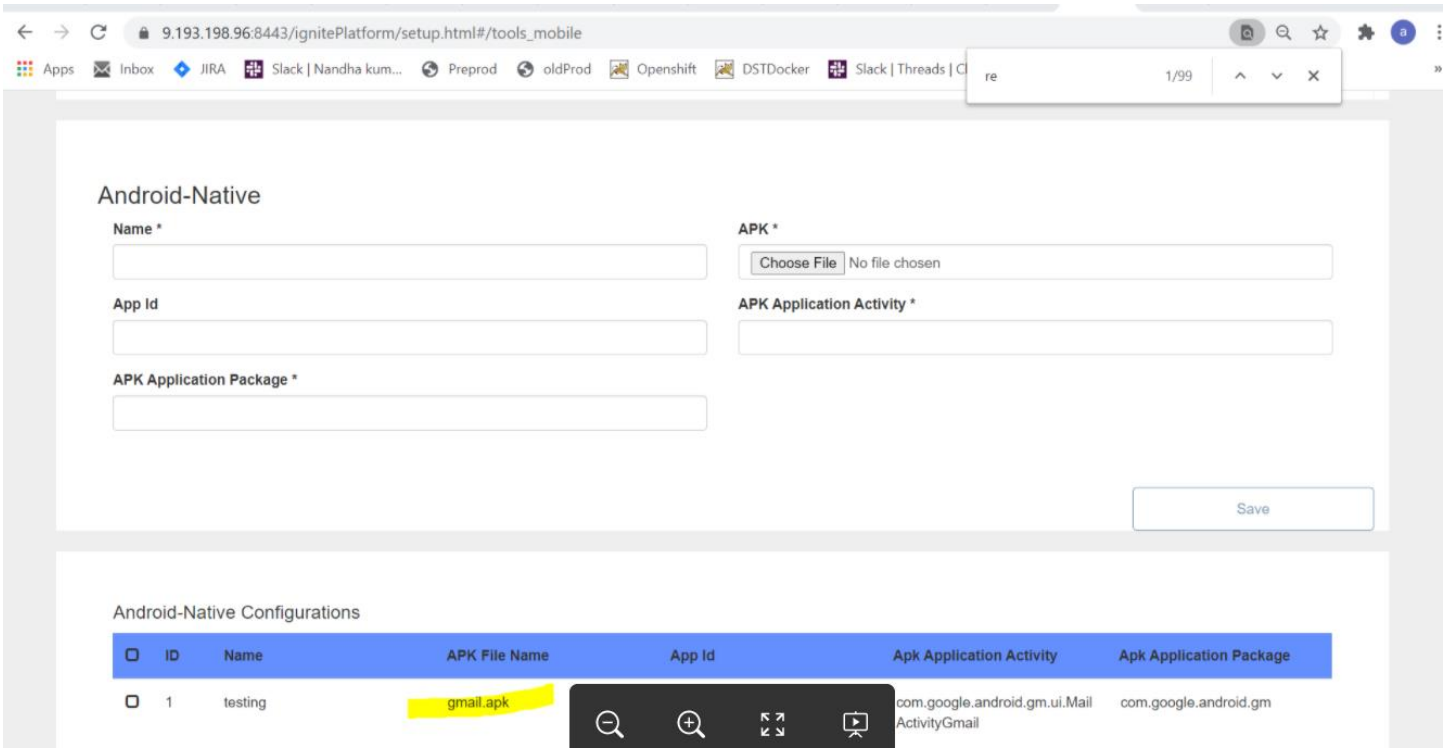
Please add App Package and App Activity in those 2 tabs.

This is to be done so that in case user does not have the apk file with him / her but knows the app package and app activity details, we can launch the test using that information.

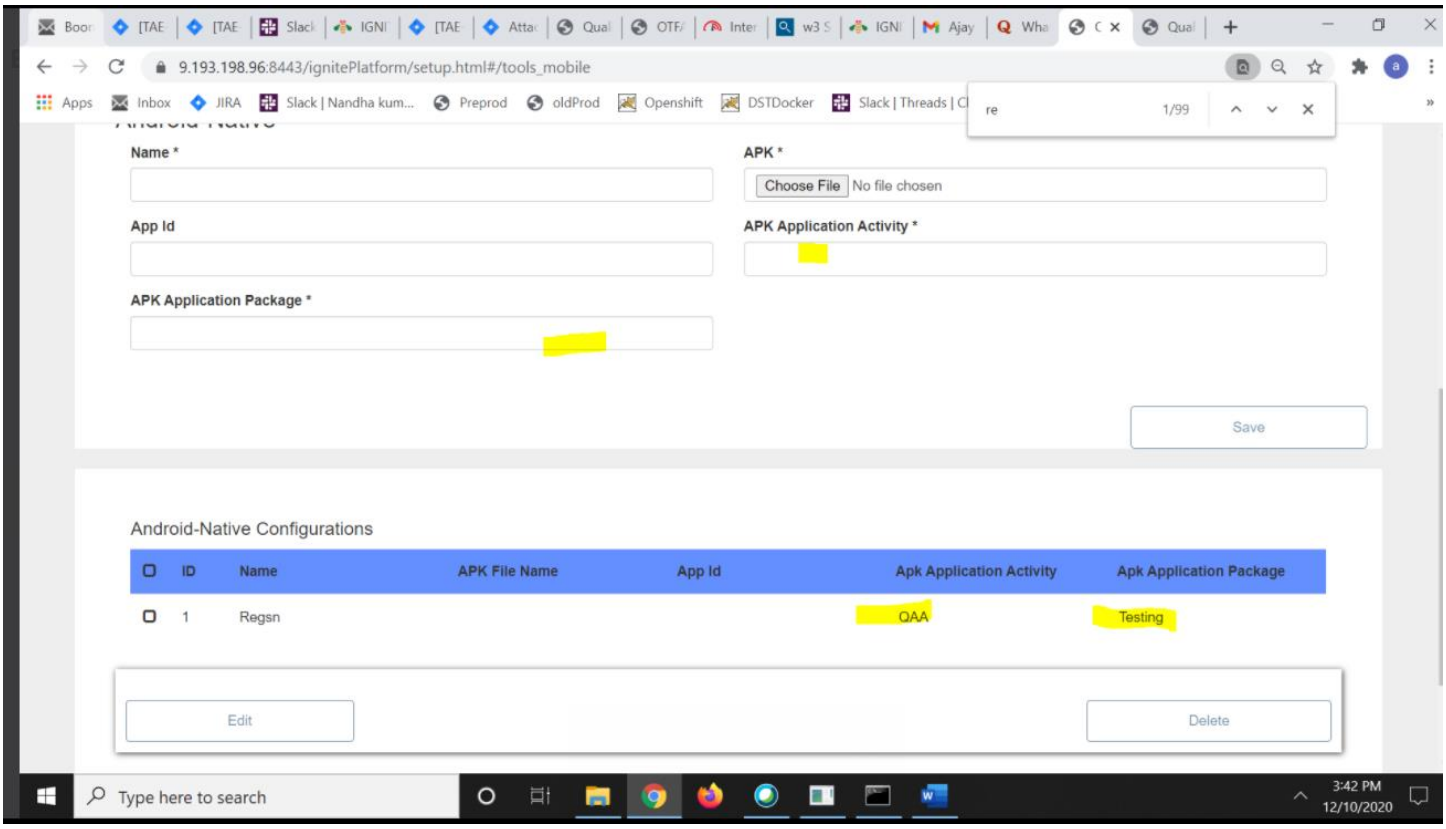
Those 2 new values from UI should be saved in the same parameters in ignite_applicationotfa db - apkApplicationActivity & apkApplicationPackage under configurationType as Android-Native and Android-Hybrid

19.1 Android-Native Configurations

Uploaded File to IQP, could see details as follows

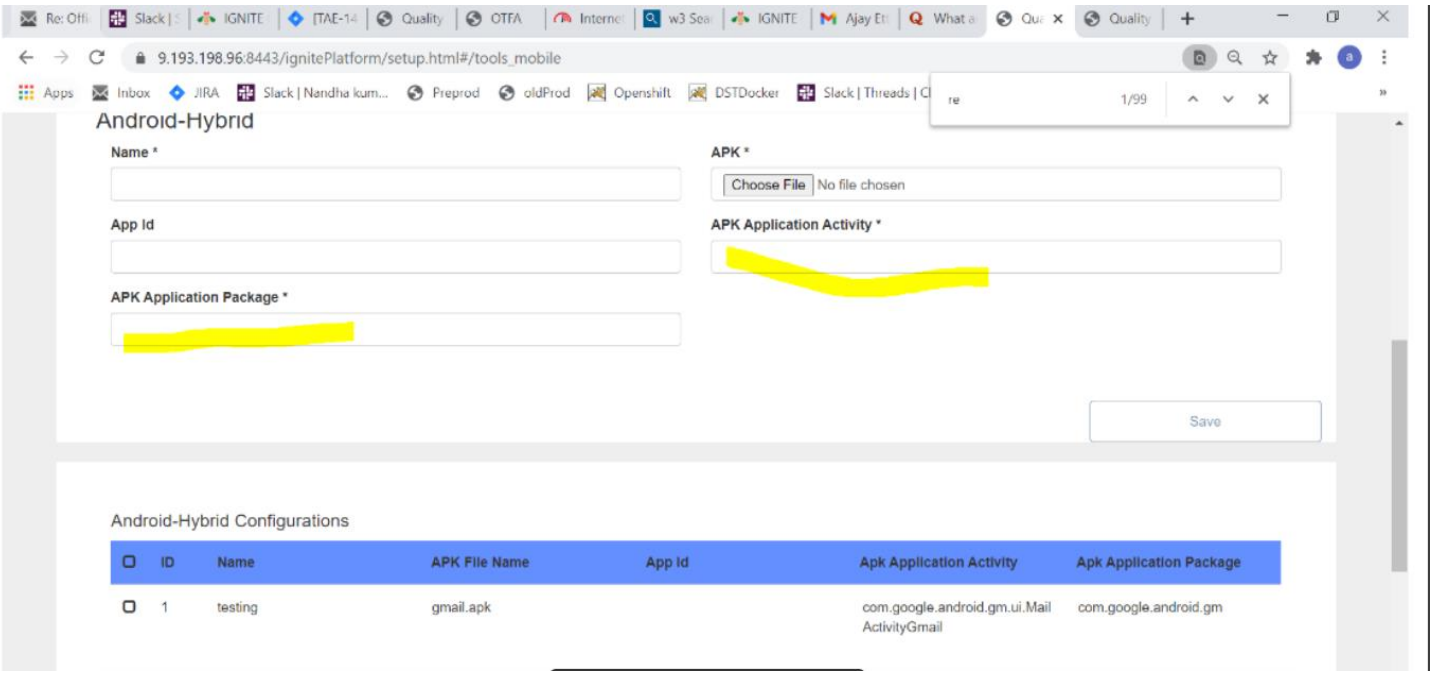


We can create Manually by populating APK Application Activity, APK Application Package

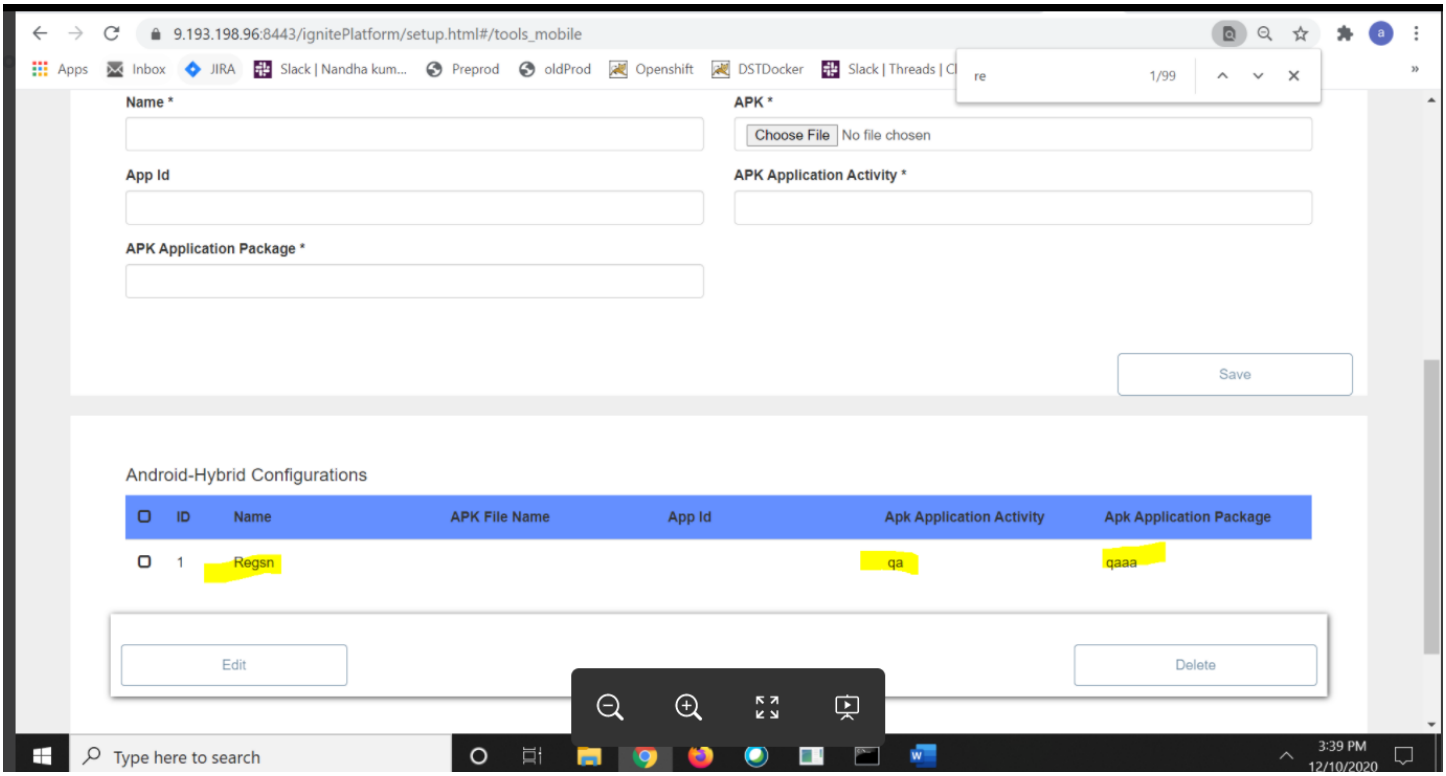


19.2 Android-Hybrid Configurations

Uploaded File (gmail.apk) to IQP, could see details as follows



We can create Manually by populating APK Application Activity, APK Application Package



APK File Reference Template Used

gmail.apk

Document Revision History			
Release Version	**Date**	**Updated By**	**Comments**
V5.2	25-Jan-18	Govind P Neelakantan/India/IBM	IGNITE R5.3 release changes
V5.3.1	20-Feb-18	Govind P Neelakantan/India/IBM	IGNITE R5.3 release changes
V5.4	24-Mar-18	Priyadarshini Basu/India/IBM	IGNITE R5.4 release changes
V5.4	4-Jun-18	Priyadarshini Basu/India/IBM	Quality Plan changes
V5.5	25-Jul	Sheetal Singh19/India/IBM Meenakshi Hora/India/IBM	R5.5. changes
V5.6	30-Sep-18	Almas K Salimani/India/IBM Meenakshi Hora/India/IBM	IGNITE R5.6 release changes
V5.7	01-Dec-18	Meenakshi Hora/India/IBM	IGNITE R5.7 release changes Updated sections 5.3, 9, 10 and 11
V5.8	31-Jan-18	Meenakshi Hora/India/IBM	IGNITE R5.8 release changes Separated out FOCUS changes to a new guide
V 5.9	08-03-19	Sahana Mathias/India/IBM	V5.9 updates
V 5.9.1	13-05-2019	Sahana Mathias/India/IBM	V5.9.1 updates
V 5.10	10-07-2019	Sahana Mathias/India/IBM	V5.10 updates