X Ray is a plugin that allows to plan, design, and execute tests, as well as generate test reports.

Benefit of X-ray

Centralized test documentation

How to create Test Cases with X-Ray in JIRA

X-ray issue types

* Test
* Precondition
* Test Set
* Create group of test cases (of a module)
* Test Plan
* Test Execution
* Sub Test Execution

Creating Test Case

* Create Issue
* Choose Project
* Issue type - Test
* Summary - Test case details
* Attach any file
* Component - Team 1
* Description of the test
* Labels - Automation or Manual
* Priority
* Epic Link
* Sprint - which sprint

Click on the created Test Case

Different field of options will appear

**Test Details**

* Add test step
  + Sequence of steps couples with conditions, test inputs and expected result
* 3 sections
  + Action
  + Data (test data)
  + Expected result

**Preconditions**

* Create Test precondition
* Select *“Existing Precondition”* or *“New Precondition”*
* Provide all the required details
  + ex. URL where the user need to navigate first

**Test Sets**

* Used to organize and group tests. Bring all tests related to the module in one folder.
* Select *“Existing test set”* or *“New test set”*
* New test set > Issue type >

**Test Plans**

* Prioritize the test cases which are going to be tested for the release.
* Include the prioritized test cases in the Test Plan
* This will allow all the team members to view what are the tests to be executed in this release.

**Test Execution**

* Execute tests that are included in Test Plans
* Assignee - select member from the team who will execute the tests..
* Fix Version - release date/sprint number
* Test Environment
* Mark **PASS**, **EXECUTING** or **FAIL**