

Steps to Java Selenium In JIRA

Automation Testing Stream


NAME- *KRITTIKA AGRAWAL*

Step-1: Creating a New Project- Select as Scrum.

Project templates


Software development

Plan, track and release great software. Get up and running quickly with templates that suit the way your team works. Plus, integrations for DevOps teams that want to connect work across their entire toolchain.




Kanban
Visualize and advance your project forward using issues on a powerful board.

>



Scrum LAST CREATED
Sprint toward your project goals with a board, backlog, and roadmap.

>




Bug tracking
Manage a list of development tasks and bugs.

>

Step-2: Creating a New Project- Select a company- managed project.

← Back to project templates

1 Project template



Scrum
Sprint toward your project goals with a board, backlog, and roadmap.

Change template

2 Choose a project type

⚠ You'll need to create a new project if you decide to switch project types later.

Team-managed

Set up and maintained by your team.

Select a team-managed project

Company-managed

Set up and maintained by your Jira admins.

Select a company-managed project

The last project you created was a company-managed project

Step-3: Creating a New Project- Adding name of project as Automation Testing & Big Picture with Key- “ATBP”.

Add project details

You can change these details anytime in your project settings.

Name

Key

☐ Share settings with an existing project

☐ Connect repositories, documents, and more
Sync your team's work from other tools with this project for better visibility, access, and automation.

Template Change template

Scrum
Sprint toward your project goals with a board, backlog, and roadmap.

Type Change type

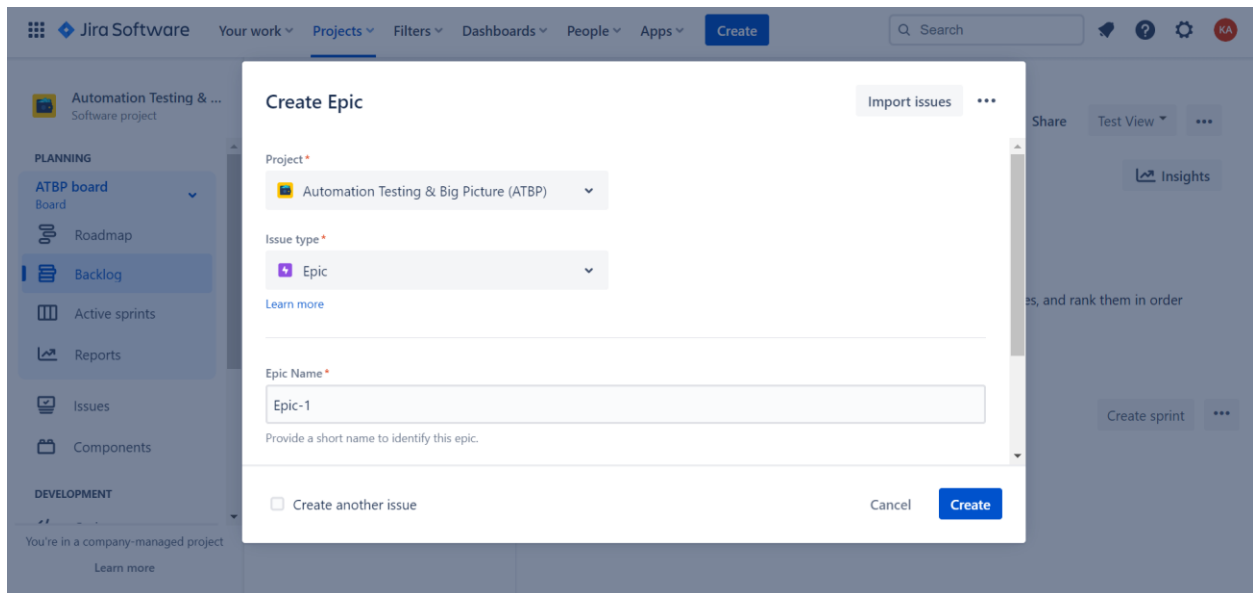
Company-managed
Work with other teams across many projects in a standard way.

Cancel Create project

Step-4: After creating Project- Automation Testing & Big Picture, Creating a New Version in Backlog.

The screenshot shows the Jira Software interface. On the left is a sidebar with navigation options: PLANNING (ATBP board, Roadmap, Backlog, Active sprints, Reports) and DEVELOPMENT (Issues, Components). The main area displays the 'Backlog' for the 'Automation Testing & Big Picture' project. A 'Create Version' dialog box is open in the center, with the following fields: Project (Automation Testing & Big Picture), Name (Version 1), Description (This is a version for the assessment.), Start Date (7/Oct/22), and Release date (10/Oct/22). The dialog has 'Create' and 'Cancel' buttons at the bottom right.

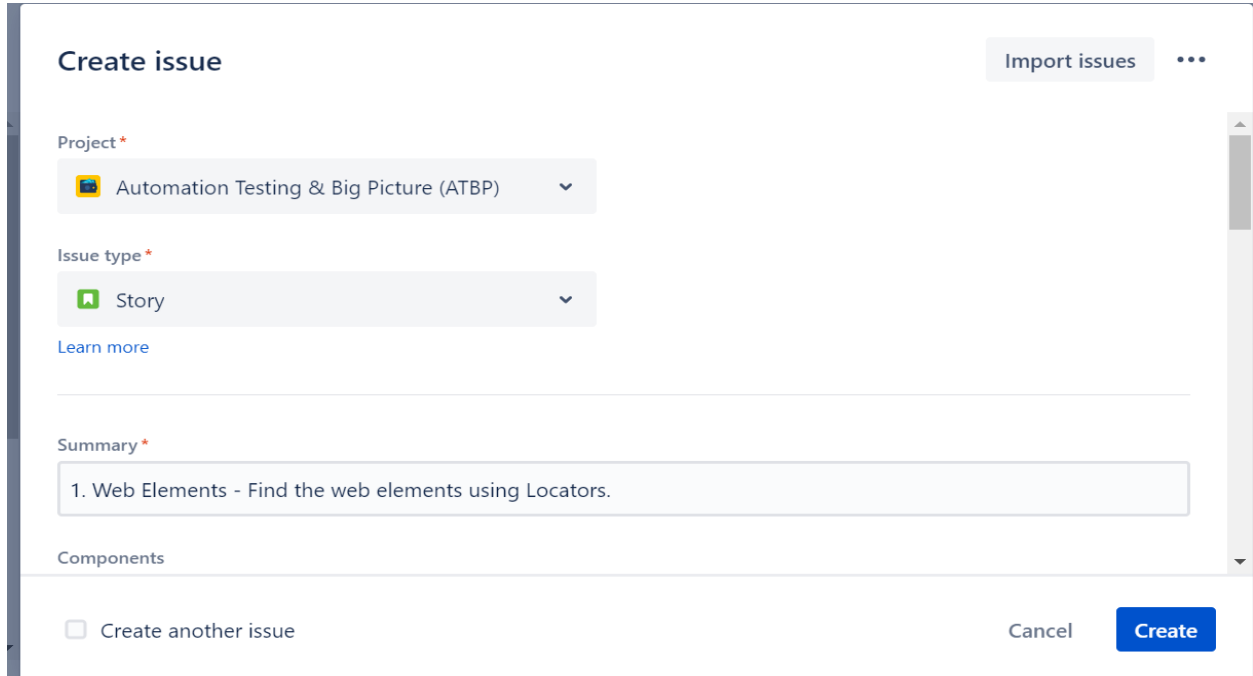
Step-5: Now, Creating a New Epic in Backlog.



The screenshot shows the Jira Software interface with a 'Create Epic' modal dialog open. The dialog is titled 'Create Epic' and has a 'Import issues' button in the top right. It contains the following fields and options:

- Project ***: A dropdown menu showing 'Automation Testing & Big Picture (ATBP)'.
- Issue type ***: A dropdown menu showing 'Epic'.
- Epic Name ***: A text input field containing 'Epic-1'. Below the field is a hint: 'Provide a short name to identify this epic.'
- Learn more**: A link below the 'Issue type' dropdown.
- Create another issue**: A checkbox at the bottom left.
- Cancel** and **Create** buttons at the bottom right.

Step-6: Creating a New Issue type as-Story.



The screenshot shows the Jira 'Create issue' modal dialog. The dialog is titled 'Create issue' and has a 'Import issues' button in the top right. It contains the following fields and options:

- Project ***: A dropdown menu showing 'Automation Testing & Big Picture (ATBP)'.
- Issue type ***: A dropdown menu showing 'Story'.
- Learn more**: A link below the 'Issue type' dropdown.
- Summary ***: A text input field containing '1. Web Elements - Find the web elements using Locators.'
- Components**: A section below the summary field.
- Create another issue**: A checkbox at the bottom left.
- Cancel** and **Create** buttons at the bottom right.

Similarly, created all other Stories for the Automation Testing, depending on questions provided.

Step-7: Created Stories for - Automation Testing & Big Picture which can be checked in Backlog.

Automation Testing & ...
Software project

PLANNING

- ATBP board
- Roadmap
- Backlog
- Active sprints
- Reports
- Issues
- Components

DEVELOPMENT

You're in a company-managed project
Learn more

Projects / Automation Testing & Big Picture / ATBP board

Backlog

Search backlog

Only My Issues Recently Updated

+ Create issue

2 issues Estimate 0

Create sprint

Backlog 6 issues

1. Web Elements - Find the web elements using Locators.	VERSION 1	Epic-1	ATBP-4	
2. Mouse actions - Find the web elements and perform actions.	VERSION 1	Epic-1	ATBP-5	
3. Alerts Handling: Use https://demo.automationtesting.in/Alerts.html	VERSION 1	Epic-1	ATBP-6	
TestNG Framework	VERSION 1	Epic-1	ATBP-7	
Object Oriented Programming:	VERSION 1	Epic-1	ATBP-8	
6. Cucumber	VERSION 1	Epic-1	ATBP-9	

+ Create issue

Step-8: Created ATBP Sprint 1 in Backlog.

Automation Testing & ...
Software project

PLANNING

- ATBP board
- Roadmap
- Backlog
- Active sprints
- Reports
- Issues
- Components

DEVELOPMENT

You're in a company-managed project
Learn more

Projects / Automation Testing & Big Picture / ATBP board

Backlog

Search backlog

Only My Issues Recently Updated

+ Create issue

ATBP Sprint 1 0 issues

Add dates

Plan your sprint
As a team, agree on what work needs to be completed, and drag these issues to the sprint.

Start sprint

Step-9: Added Stories to ATBP Sprint 1.

The screenshot shows the Jira Software interface. The left sidebar contains a navigation menu with sections: PLANNING (ATBP board, Roadmap, Backlog, Active sprints, Reports) and DEVELOPMENT (Issues, Components). The main area displays the 'Backlog' for the 'Automation Testing & Big Picture' project. Under 'ATBP Sprint 1', there are 8 issues. The first two are checked and labeled as 'Epic-1'. The remaining six are numbered 1 through 6, with the last one being 'Cucumber'. Each issue has a 'VERSION 1' label and a 'Test View' icon. A 'Start sprint' button is visible in the top right of the sprint section.

Issue ID	Summary	Version	Labels	Test View
ATBP-2	This is the Big Picture uploading task.	VERSION 1	Epic-1	Test View
ATBP-3	This is the JMeter uploading task.	VERSION 1	Epic-1	Test View
ATBP-4	1. Web Elements - Find the web elements using Locators.	VERSION 1	Epic-1	Test View
ATBP-5	2. Mouse actions - Find the web elements and perform actions.	VERSION 1	Epic-1	Test View
ATBP-6	3. Alerts Handling: Use https://demo.automationtesting.in/Alerts.html	VERSION 1	Epic-1	Test View
ATBP-7	TestNG Framework	VERSION 1	Epic-1	Test View
ATBP-8	Object Oriented Programming:	VERSION 1	Epic-1	Test View
ATBP-9	6. Cucumber	VERSION 1	Epic-1	Test View

Step-10: Now creating tests for each Story.

The screenshot shows the 'Create issue' dialog in Jira. The 'Project' field is set to 'Automation Testing & Big Picture (ATBP)'. The 'Issue type' is set to 'Test'. The 'Summary' field contains the text 'This is for web elements'. There is a 'Learn more' link below the issue type. At the bottom, there is a checkbox for 'Create another issue', a 'Cancel' button, and a 'Create' button.

Create issue

Project *
Automation Testing & Big Picture (ATBP)

Issue type *
Test

[Learn more](#)

Summary *
This is for web elements

Components

☐ Create another issue

[Cancel](#) [Create](#)

Similarly, created all tests for all stories.

Step-11: Created Tests for - Automation Testing & Big Picture which can be checked in Backlog.

The screenshot shows the Jira interface for the 'Automation Testing & Big Picture' project. The left sidebar contains a navigation menu with 'Backlog' selected. The main area displays the 'Backlog' view with 6 issues. The issues are listed in a table with columns for description, version, epic, and key.

Issue Description	Version	Epic	Key
This is for web elements.	VERSION 1	Epic-1	ATBP-10
This is for mouse actions.	VERSION 1	Epic-1	ATBP-11
This is for alert handling.	VERSION 1	Epic-1	ATBP-12
This is for TestNG.	VERSION 1	Epic-1	ATBP-13
This is for OOPs.	VERSION 1	Epic-1	ATBP-14
This is for Cucumber.	VERSION 1	Epic-1	ATBP-15

Step-12: Adding Tests to Sprint.

The screenshot shows the Jira interface for the 'Automation Testing & Big Picture' project. The left sidebar contains a navigation menu with 'Backlog' selected. The main area displays the 'Backlog' view with 15 issues. The issues are listed in a table with columns for description, version, epic, and key.

Issue Description	Version	Epic	Key
This is for web elements.	VERSION 1	Epic-1	ATBP-10
2. Mouse actions - Find the web elements and perform actions.	VERSION 1	Epic-1	ATBP-5
This is for mouse actions.	VERSION 1	Epic-1	ATBP-11
3. Alerts Handling: Use https://demo.automationtesting.in/Alerts.html	VERSION 1	Epic-1	ATBP-6
This is for alert handling.	VERSION 1	Epic-1	ATBP-12
TestNG Framework	VERSION 1	Epic-1	ATBP-7
This is for TestNG.	VERSION 1	Epic-1	ATBP-13
Object Oriented Programming:	VERSION 1	Epic-1	ATBP-8
This is for OOPs.	VERSION 1	Epic-1	ATBP-14
6. Cucumber	VERSION 1	Epic-1	ATBP-9
This is for Cucumber.	VERSION 1	Epic-1	ATBP-15

Step-13: After Tests creation, added the test steps in Issues.

The screenshot shows the Jira Software interface for the 'Automation Testing & ...' project. The left sidebar contains navigation options: PLANNING (ATBP board, Roadmap, Backlog, Active sprints, Reports), Issues (selected), and Components. The main area displays a list of five issues, each with a test step description and a user assignment. The right sidebar shows the details for the selected issue, including Assignee (Unassigned), Reporter (Krittika Agrawal), Labels (None), Epic Link (Epic-1), Sprint (ATBP Sprint 1), Fix versions (Version 1), and Priority (Highest).

ID	Summary	Description	Assignee
1	Open Eclipse.	Eclipse Installed.	User should be able to open Eclipse.
2	Create package in Project-finalassessments.		User should be able to create package webelements.
3	Create different classes for webelements.		User should be able to create classes- Dashboards, X-PATH and NameLocator.
4	Install ChromeDriver and add dependency.		User should be able to Install ChromeDriver and add dependency.
5	Write code for Xpath Locator and execute.		User should be able to write code and

Similarly, added test steps for all the test present in the project.

Step-14: Adding Test to Test Cycle- “Test Cycle-1”.

The screenshot shows the Jira Software interface with the 'Backlog' view selected. A modal dialog titled 'Execute Test' is open, displaying options for adding a test to a cycle. The dialog includes fields for Version (Version 1), Cycle Summary (Create New Cycle), Cycle Name (Test Cycle-1), Folder Name (Test Cycle-1), and Assign To (Choose Value...). The 'Add to Existing/New Test Cycle and Execute' option is selected.

Execute Test

- ☐ Execute Ad Hoc
- ☒ Add to Existing/New Test Cycle and Execute

Version: Version 1

Cycle Summary: Create New Cycle

Cycle Name: Test Cycle-1

Folder Name: Test Cycle-1

Assign To: Choose Value...

Buttons: Execute, Cancel

Similarly, added all tests to the “Test Cycle-1” successfully.

Step-15: : Successfully executed all “Tests” for Automation Testing & Big Picture in JIRA.

The screenshot shows the Jira Software interface for a project named 'Automation Testing & ...'. The 'Cycle Summary' section is active, displaying details for 'Test Cycle-1'. The summary includes statistics: Total Executions: 6, Total Executed: 6, Total Execution Time: 0m, Total Logged Time: 0m, and Executions Not Tracked: 6. Below the summary is a table of test results.

ID	Status	Summary	Defect	Action
ATBP-13	PASS	This is for TestNG.	-	E
ATBP-15	PASS	This is for Cucumber.	-	E
ATBP-14	PASS	This is for OOPs.	-	E
ATBP-11	PASS	This is for mouse actions.	-	E

Note- If we find any Bugs while executing the Tests, then we can also create the Issue of type “Bug” for the corresponding “Tests” on JIRA!

Note- If we find any Bugs while executing the Tests, then we can add them to the Defect Sheet and correspondingly update the RTM Sheet!