

## Experiment 7

**Aim:** To Create Scrum Board for Scrum Master using JIRA Tool.

### Theory:

To create a Scrum Board for a Scrum Master using the JIRA tool, you need to follow these steps:

Create a Scrum Project in JIRA:

Log in to your JIRA account and select a template from the library, choosing the Scrum template.

Once the project is created, you will land on the empty backlog, also known as the product backlog, containing a list of potential work items for the project

Create User Stories or Tasks in the Backlog:

In JIRA, work items like user stories, tasks, and bugs are referred to as "issues." Create user stories using the quick create option on the backlog.

User stories describe work items in a non-technical language from a user's perspective, following the format: "As a {type of user}, I want {goal} so that I {receive benefit}"

Prioritize User Stories in the Backlog:

After creating user stories, prioritize them by ranking or dragging and dropping them in the order they should be worked on.

The product owner usually prioritizes user stories, and the development team estimates the effort required to complete each story

Create a Scrum Board in JIRA:

Click on Search > View all boards and then Create board.

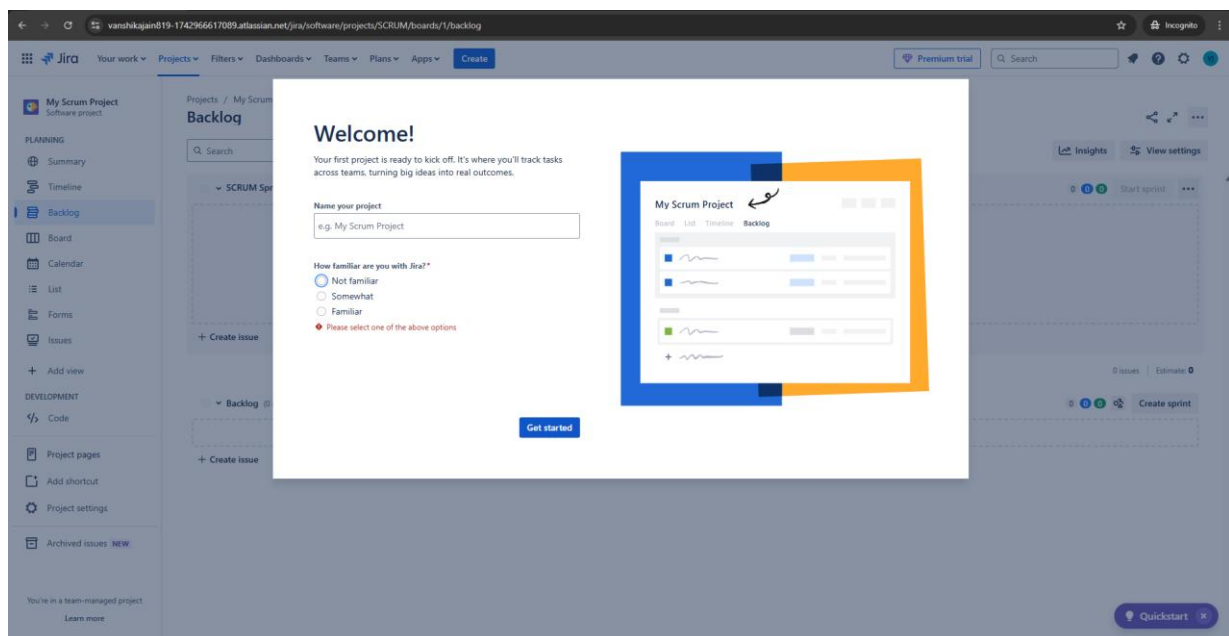
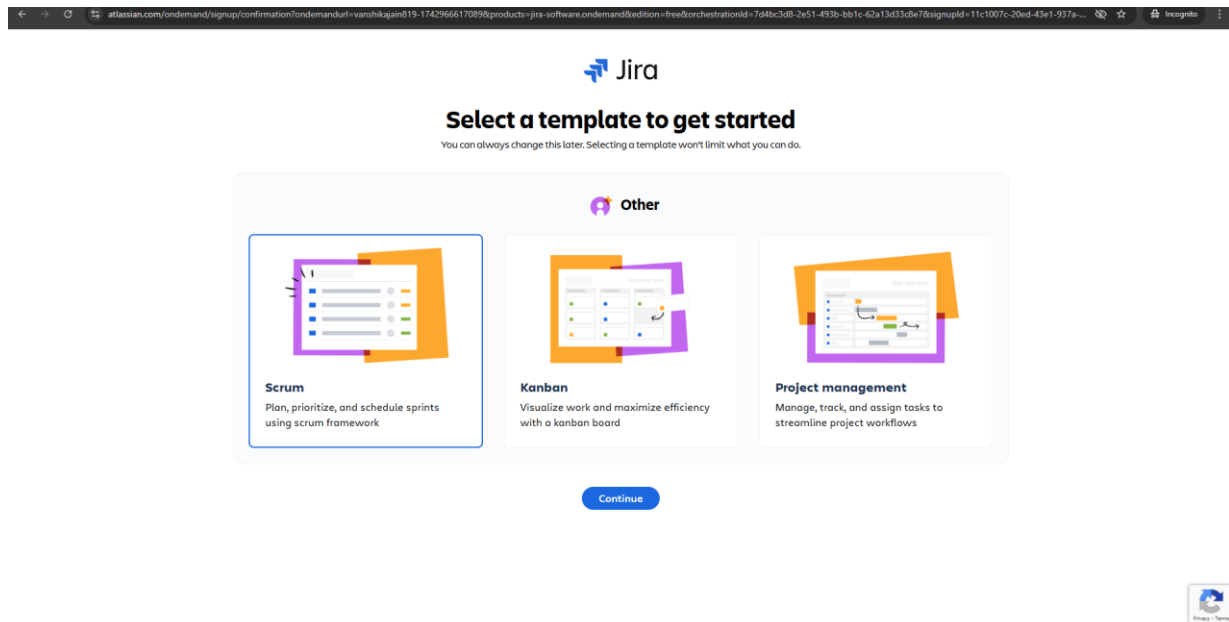
Select the board type as Scrum and choose whether to start with a new project template or add the board to existing projects.

Configure columns and quick filters to reflect your team's process and focus on specific issues quickly

Navigate Between Boards:

Use the board switcher located in the left-hand menu under the project name to move between different boards in JIRA

By following these steps, a Scrum Master can effectively create a Scrum Board in JIRA, enabling efficient management of tasks, user stories, and sprints within the agile project management framework.



The screenshot shows the Jira Projects page. The top navigation bar includes 'Your work', 'Projects', 'Filters', 'Dashboards', 'Teams', 'Plans', 'Apps', and a 'Create' button. A search bar and a 'Premium trial' badge are also visible. The main content area is titled 'Projects' and features a search bar and a 'Filter by product' dropdown. Below this is a table of projects:

Name	Key	Type	Lead	Project URL	More actions
My Scrum Project	SCRUM	Team-managed software	VANSHIKA Jain		...

On the right sidebar, there is a 'Templates' section with a 'Preview a template for your next project' button. Below this, several templates are listed: 'Scrum' (Deliver work in short time blocks), 'IT service' (Manage all your requests in one place), 'Advanced IT service' (Manage requests and deal with incidents), and 'Top-level planning' (Monitor work across your teams). A 'More templates' link is at the bottom of the sidebar.

The screenshot shows the 'Add people to My Scrum Project' dialog box. The dialog has a title bar 'Add people to My Scrum Project' and a close button. It contains a text input field for 'Names or emails\*' with the placeholder 'e.g., Maria, maria@company.com'. Below this, there are buttons for 'or add from' with icons for Google, Slack, and Microsoft. A 'Role' dropdown menu is set to 'Member'. At the bottom, there is a 'Cancel' button and an 'Add' button. A small disclaimer at the bottom of the dialog states: 'This site is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply.' In the background, the 'SCRUM board' is visible, showing 'TO DO' and 'IN PROGRESS' columns. A 'Get started in the backlog' button is also present. A notification toast at the bottom left says 'New people added' and 'Khozaima Hamad added to the project. You can also add teammates and manage their access to the project from Project settings. Manage access'. On the right, a 'Quickstart' sidebar is visible with steps like 'Create a project', 'Customize your board', and 'Create an issue'.

Add epic / SCRUM-1

expt 7

+ Add

Apps

Description

Add a description...

Confluence content

Product requirements

TRY TEMPLATE

Activity

Show: All Comments History Work log

Summarize Newest first

Vj

Add a comment...

Pro tip: press **M** to comment

To Do

Actions

Improve issue

Pinned fields

Click on the ✨ next to a field label to start pinning.

Details

Assignee: 

Unsigned

Assign to me

Labels: None

Parent: None

Team: None

Sprint: None

Story point estimate: None

Development: 

Create branch

Create commit

Reporter: 

Vj

 VANSHIKA Jain

Automation

Rule executions

Created 1 minute ago

Updated 1 minute ago

Configure

The image displays three screenshots of the Jira interface, illustrating the process of creating a new issue and managing a sprint.

**Top Screenshot: 'Choose a topic' dialog**

This dialog is open over the Jira issue page. It features a 'Choose a topic' section with a '+ Add' button and an '@ Apps' button. Below this is a 'Description' field with the placeholder 'Add a description...'. The 'Activity' section shows tabs for 'All', 'Comments', 'History', and 'Work log'. A comment input field is visible with the placeholder 'Add a comment...' and buttons for 'Can I get more info...', 'Status update...', and 'Thanks...'. A 'Pro tip: press M to comment' is displayed. On the right, a 'Details' panel shows fields for Assignee (Aditya Dikonda), Labels (None), Parent (None), Team (None), Sprint (SCRUM Sprint 1), Story point estimate (None), and Reporter (ashish27938).

**Middle Screenshot: 'Add Flag' dialog**

This dialog is open over the Jira issue page. It has a title 'Add Flag' and a subtitle 'Issue SCRUM-1 Choose a topic'. The main text area contains the text 'Not a good topic'. At the bottom, there are 'Cancel' and 'Confirm' buttons.

**Bottom Screenshot: 'SCRUM Sprint 1' board**

This screenshot shows the Jira 'SCRUM Sprint 1' board. The board is divided into columns: 'TO DO 4', 'IN PROGRESS', and 'DONE'. The 'TO DO 4' column contains a list of tasks: 'Choose a topic' (with a yellow background and a red flag icon), 'Research on the topic', 'Implementation', and 'Review'. Each task has a status icon (a person icon). The 'IN PROGRESS' and 'DONE' columns are currently empty. The board includes a search bar, a '9 days' timer, and buttons for 'Start stand-up', 'Complete sprint', and 'View settings'.

The image shows two screenshots of the Jira interface. The top screenshot displays a 'Remove Flag' dialog box over a project view. The dialog box has a title 'Remove Flag' and a section 'Issue' with a checked checkbox 'SCRUM-1 Choose a topic'. Below this is a text input field containing 'Good topic'. The dialog box has 'Cancel' and 'Confirm' buttons. The background shows a project view with a sidebar on the left containing 'Experiment 5 Software project' and a main area with a 'SCRUM' section. The bottom screenshot shows the 'Backlog' view for 'Experiment 5'. The sidebar on the left is the same. The main area shows a 'Backlog' section with a search bar and a list of issues. The issues are: 'SCRUM-1 Choose a topic', 'SCRUM-2 Research on the topic', 'SCRUM-3 Implementation', and 'SCRUM-4 Review'. Each issue has a 'TO DO' status and a flag icon. Below the issues is a '+ Create issue' button. The bottom right of the screenshot shows a 'Quickstart' button.

## Conclusion:

Scrum project was implemented using JIRA.