

## **SEPM - 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.

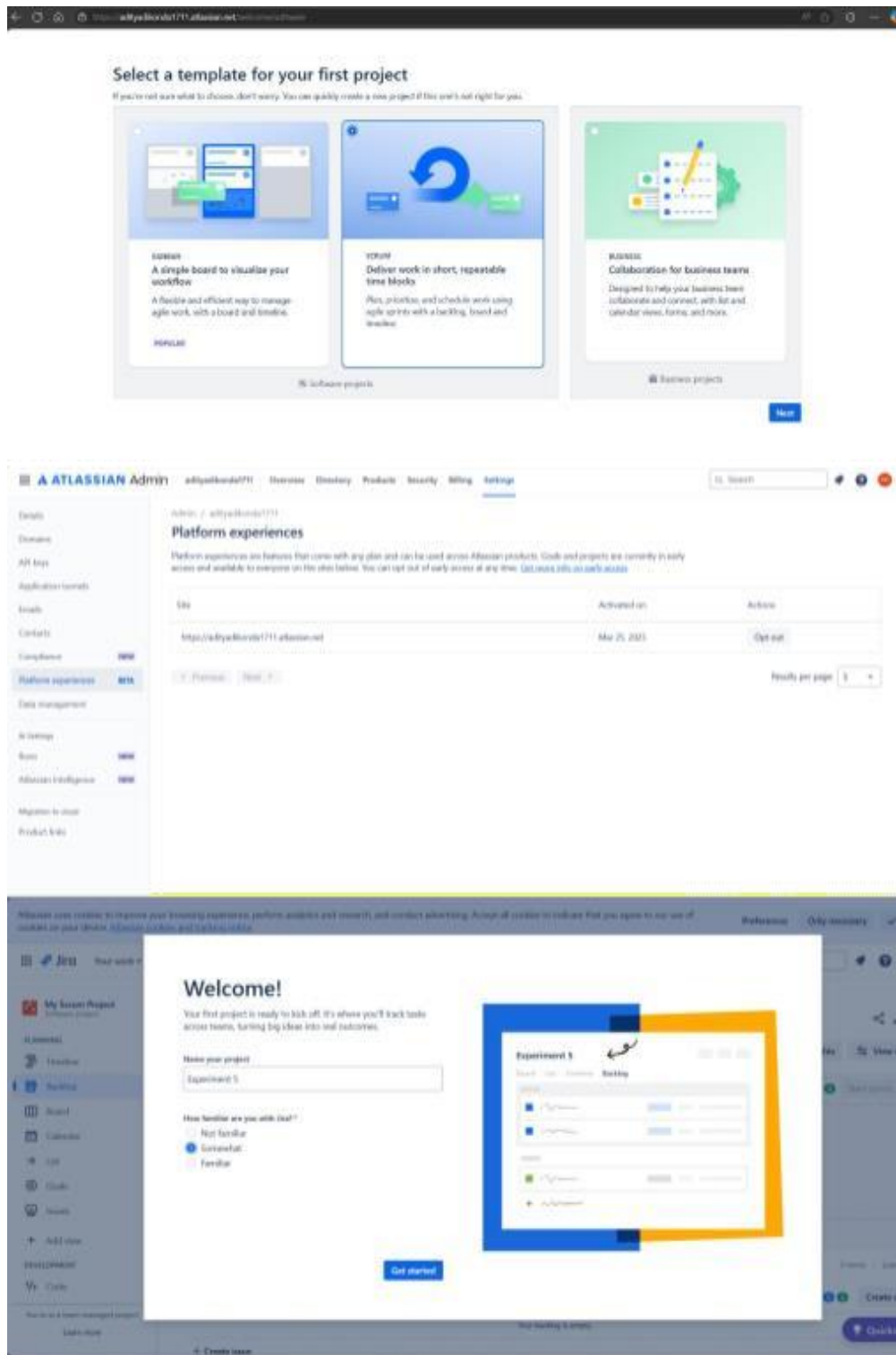
Configure columns and quick filters to reflect your team's process and focus on specific issues quickly

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 image displays three sequential screenshots of the Jira web interface, illustrating the initial setup and management of a project.

**Top Screenshot: Welcome to Jira**  
This screen shows the 'Welcome!' message for a new project named 'Experiment 5'. It includes a 'Name your project' field with 'Experiment 5' entered. Below this, a question asks 'How familiar are you with Jira?' with three radio button options: 'Not familiar', 'Somewhat' (selected), and 'Familiar'. A 'Get started' button is visible at the bottom. The background shows a preview of the project's backlog with a blue and orange border.

**Middle Screenshot: Projects List**  
This screenshot shows the 'Projects' page. A search bar and a 'Filter by product' dropdown are at the top. Below, a table lists the project 'Experiment 5' with details: Key (SCRUM), Type (Team-managed software), Lead (Aditya Dikonda), and Project URL. A 'Create project' button and a 'Templates' sidebar are also visible. The sidebar lists various templates like 'Scrum', 'Product roadmap', 'Work requests', and 'Top-level planning'.

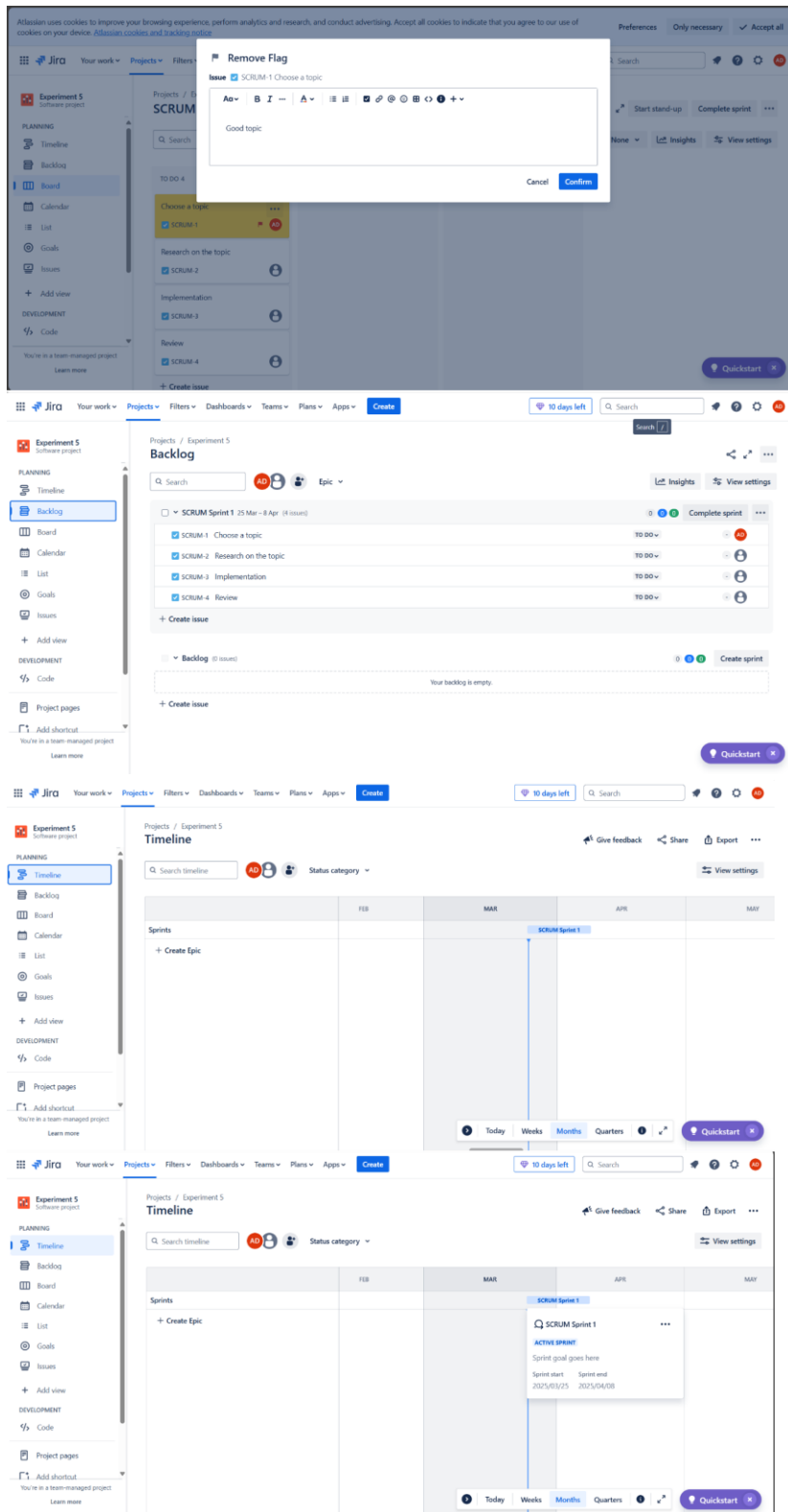
**Bottom Screenshot: Added people to project**  
This screenshot shows a notification dialog box titled 'Added people to project'. It states: 'You have added 2 people to your project and 2 new licenses have been added to Jira.' The list of added users includes 'ashish279338@gmail.com' and 'meetduseja0@gmail.com', both marked as 'New to Jira'. Below the list, it says 'You can manage access from the project settings.' and provides a link to 'User management'. An 'OK' button is at the bottom right. The background shows the 'Experiment 5' project page with a 'SCRUM Sprint 1' view.

The image consists of three screenshots from the Jira web application, illustrating the process of adding a flag to a topic in a Scrum sprint.

**Top Screenshot:** Shows the 'Choose a topic' dialog box for 'SCRUM-1'. The dialog has a 'Description' field with the placeholder 'Add a description...', an 'Activity' section with tabs for 'All', 'Comments', 'History', and 'Work log', and a 'Details' section on the right. The 'Details' section includes fields for Assignee (Aditya Dikonda), Labels (None), Parent (None), Team (None), Sprint (SCRUM Sprint 1), Story point estimate (None), and Reporter (ashish279338). There are also buttons for 'Can I get more info...', 'Status update...', and 'Thanks...'. A 'Pro tip' at the bottom suggests pressing 'M' to comment.

**Middle Screenshot:** Shows the 'Add Flag' dialog box. The 'Issue' is 'SCRUM-1 Choose a topic'. The text input field contains 'Not a good topic'. There are 'Cancel' and 'Confirm' buttons at the bottom right.

**Bottom Screenshot:** Shows the 'SCRUM Sprint 1' board. The 'TO DO' column contains a list of topics: 'Choose a topic' (with a flag icon), 'Research on the topic', 'Implementation', and 'Review'. The 'IN PROGRESS' and 'DONE' columns are currently empty. The board includes a search bar, a 'GROUP BY' dropdown set to 'None', and buttons for 'Start stand-up', 'Complete sprint', and 'View settings'. A 'Quickstart' button is visible in the bottom right corner.



## Conclusion:

Scrum project was implemented using JIRA.