

## Experiment 7 : Scrum Boards

### Aim :

To Create Scrum Board for Scrum Master using JIRA Tool.

### Theory :

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#### 1. Introduction to Scrum Boards in JIRA

A Scrum Board in JIRA is a visual management tool that helps teams manage their backlog, sprint planning, daily stand-ups, and sprint reviews. It represents the workflow of tasks from "To Do" to "Done" using columns and swimlanes.

#### 2. Understanding the Role of a Scrum Master in Relation to the Scrum Board

The Scrum Master facilitates the Scrum process, ensures agile principles are followed, and helps the team stay organized. In JIRA, the Scrum Master customizes the Scrum Board to:

- Enable clear visibility of work.
- Support effective sprint planning.
- Monitor team performance and bottlenecks.

#### 3. Key Components of a Scrum Board in JIRA

- **Columns:** Represent different stages of work (e.g., To Do, In Progress, Review, Done).
- **Swimlanes:** Group issues by priority, assignee, or epics.
- **Backlog:** A list of all tasks that are not yet assigned to a sprint.
- **Filters:** Define what issues appear on the board using JQL (JIRA Query Language).

- **Quick Filters:** Allow for quick views (e.g., show issues assigned to a specific team member).

#### 4. Steps to Create a Scrum Board in JIRA

##### Step 1: Access JIRA and Navigate to Board Creation

- Go to the JIRA dashboard.
- Click on "Boards" in the top navigation bar.
- Select "Create Board."

##### Step 2: Choose the Board Type

- **Scrum Board:** Ideal for teams working in sprints.
- Choose "Scrum Board" and click "Next."

##### Step 3: Select a Board Source

- **From an Existing Project:** If the team already has a project.
- **From an Existing Filter:** If you want to create a board based on specific JQL queries.

##### Step 4: Configure Board Settings

- Name the board clearly (e.g., "Sprint Board – Team Alpha").
- Assign the board to the relevant project or filter.

##### Step 5: Customize Columns and Swimlanes

- Go to "Board Settings" > "Columns" to adjust stages.
- Define workflows for each column (e.g., setting "In Review" before "Done").
- Use "Swimlanes" to organize issues by Epic, Assignee, or Priority.

##### Step 6: Set Up Quick Filters

- Add custom filters to view specific issues (e.g., "My Issues," "High Priority").

## **Step 7: Manage Backlog and Sprints**

- Enable the backlog view for effective sprint planning.
- Create and manage sprints, dragging issues from the backlog to the sprint.

## **5. Advanced Configurations**

- **Card Layout:** Customize what information appears on each issue card.
- **Estimation:** Use story points or time estimates to track progress.
- **Work In Progress (WIP) Limits:** Set limits to prevent overloading the team.

## **6. Best Practices for Scrum Masters Using JIRA Boards**

- Regularly review and update the board to reflect the current sprint status.
- Use filters and swimlanes to focus on critical issues during stand-ups.
- Encourage the team to update the board in real-time for transparency.
- Analyze board data to identify trends, blockers, and areas for improvement.

## **7. Monitoring and Reporting**

- Utilize JIRA reports (burndown charts, velocity charts) to track sprint progress.
- Configure dashboards for high-level insights on team performance.

# Output :

The screenshot shows the Atlassian Admin console for a user named 'taha0508'. The left sidebar contains a navigation menu with items like 'Details', 'Domains', 'API keys', 'Application tunnels', 'Emails', 'Contacts', 'Compliance', 'Platform experiences' (highlighted with a 'BETA' tag), 'Data management', 'AI Settings', 'Rovo', 'Atlassian Intelligence', 'Migration to cloud', and 'Product links'. The main content area is titled 'Platform experiences' and features a large yellow target icon with three arrows hitting the bullseye. Below the icon, the text reads: 'Introducing better teamwork with platform experiences'. A paragraph explains that platform experiences are made up of goals, projects, and other features that help connect the dots across teams, their apps, and work—wherever it happens. It states that platform experiences will be rolled out to everyone soon, but users can sign up now to get early access. A blue 'Sign up now' button is located at the bottom of the text block.

The screenshot shows a dialog box titled 'Select a site to activate platform experiences'. The dialog has a close button (X) in the top left corner. At the top, there are two tabs: 'Select a site' (active) and 'Requirements'. The main text in the dialog reads: 'Platform experiences, now in beta, include goals and projects, which help you share updates on your work and the outcomes they're working toward. With early access, you can try goals, projects, and [other new upcoming features](#).' Below this text, there is a section labeled 'Eligible sites' with a dropdown menu showing 'https://taha0508.atlassian.net'. A link 'Why are some of my sites not listed?' is visible below the dropdown. At the bottom of the dialog, there are 'Cancel' and 'Next' buttons.

SEPM Expt 6 v2 - Details - Jira Platform experiences - taha0508

admin.atlassian.com/o/6cc4b372-b1fd-448f-bc12-9a2467b6b7e9/townsquare

ATLASSIAN Admin taha0508 Overview Directory Products Security Billing Settings

Details Domains API keys NEW Application tunnels Emails Contacts Compliance NEW Platform experiences BETA Data management AI Settings Rovo NEW Atlassian Intelligence NEW

### Platform experiences

Platform experiences are features that come with any plan and can be used across Atlassian products. Goals and projects are currently in early access and available to everyone on the sites below. You can opt out of early access at any time. [Get more info on early access](#)

Site	Activated on	Actions
https://taha0508.atlassian.net	Apr 2, 2025	Opt out

< Previous Next > 1-1 of 1 result Results per page: 5

Migration Product li

✓ taha0508 now has early access to platform experiences

Anyone with access to this site can view and create goals, projects, and more.

[Explore goals](#)

SE6V board - Backlog - Jira Platform experiences - taha0508

taha0508.atlassian.net/jira/software/c/projects/SE6V/boards/3/backlog

Jira Your work Projects Filters Dashboards Teams Plans Apps Create

SEPM Expt 6 v2 Software project

PLANNING SE6V board Board Timeline Backlog Active sprints Calendar Reports Summary List Forms Goals Issues

DEVELOPMENT Components... Code Releases

You're in a company-managed project Learn more

### Backlog

Projects / SEPM Expt 6 v2 / SE6V board

Search TA Add dates (6 issues) Version Epic Quick filters Insights View settings

SE6V Sprint 1 Add dates (6 issues) Start sprint

SE6V-1 Create a Project	TO DO	
SE6V-2 Initialize Repo	TO DO	
SE6V-3 Add Experiments	TO DO	
SE6V-4 Add Assignments	TO DO	
SE6V-5 Get Approval	TO DO	
SE6V-6 Conduct Final Meeting	TO DO	
What needs to be done?		

6 issues Estimate: 0

Backlog (0 issues) Create sprint

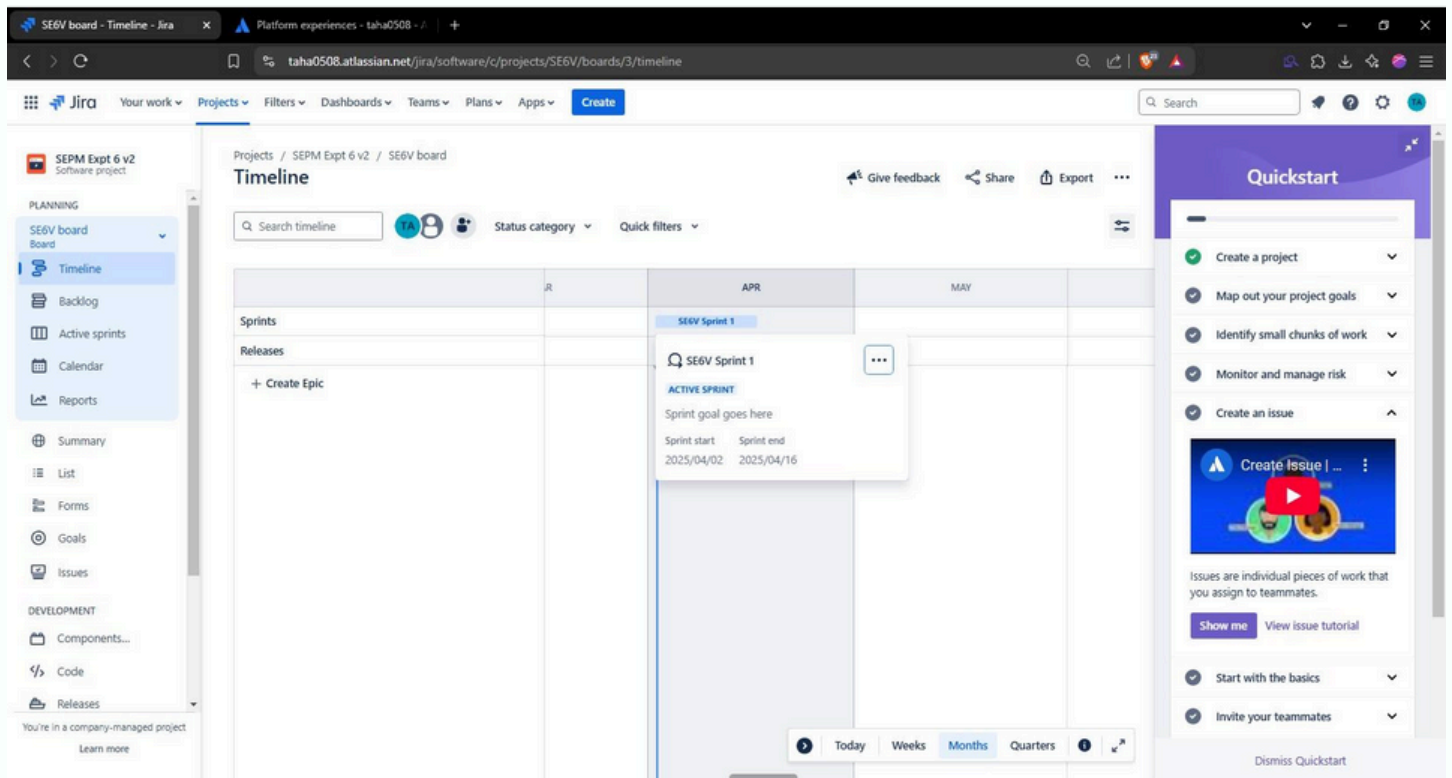
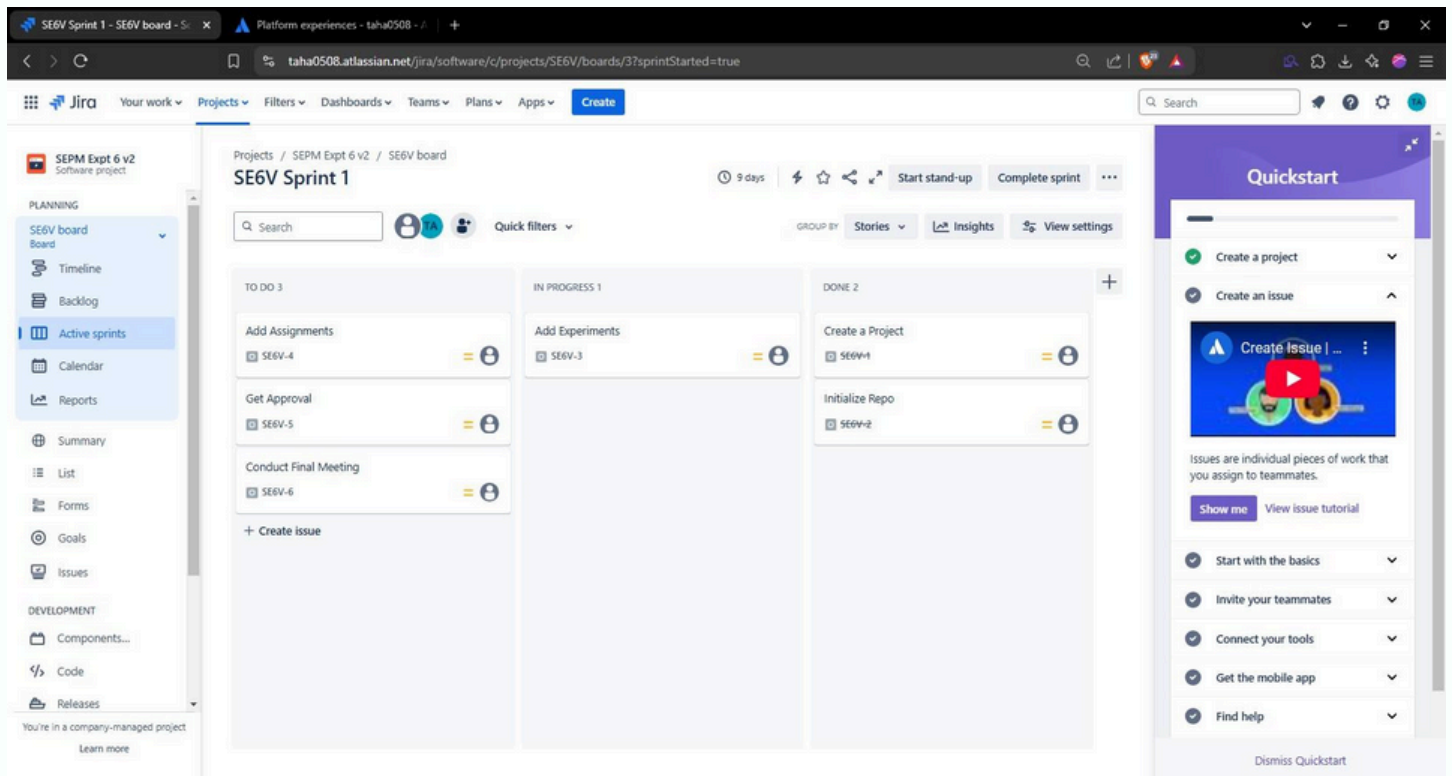
Your backlog is empty.

+ Create issue

### Quickstart

- Create a project
- Create an issue
- Create Issue | ...
- Issues are individual pieces of work that you assign to teammates.
- Show me View issue tutorial
- Start with the basics
- Invite your teammates
- Connect your tools
- Get the mobile app
- Find help

Dismiss Quickstart



## Conclusion :

Scrum project was implemented using JIRA.