

## Experiment 7 : Scrum Boards

### Aim :

To Create Scrum Board for Scrum Master using JIRA Tool.

### Theory :

#### 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.

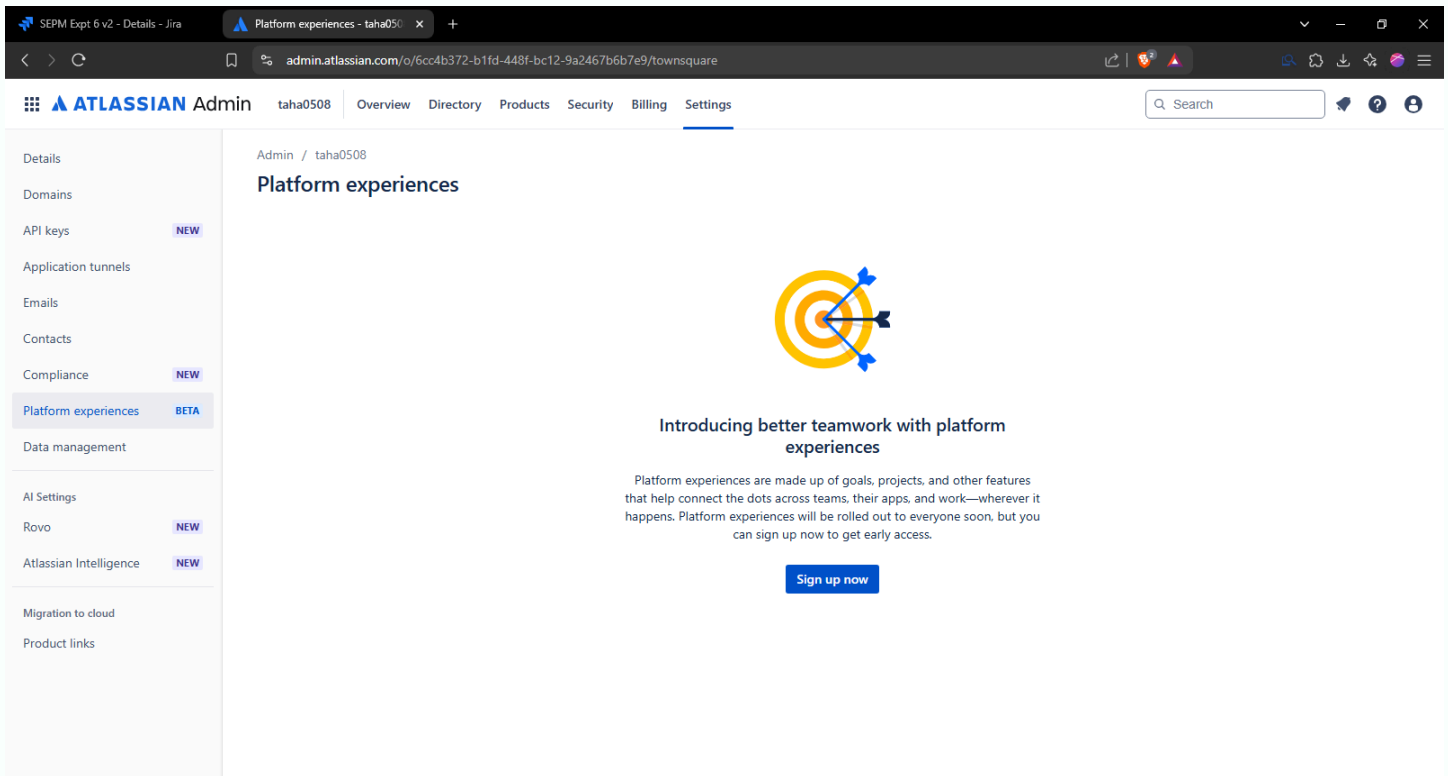
## **6. Best Practices for Scrum Masters Using JIRA Boards**

- 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.

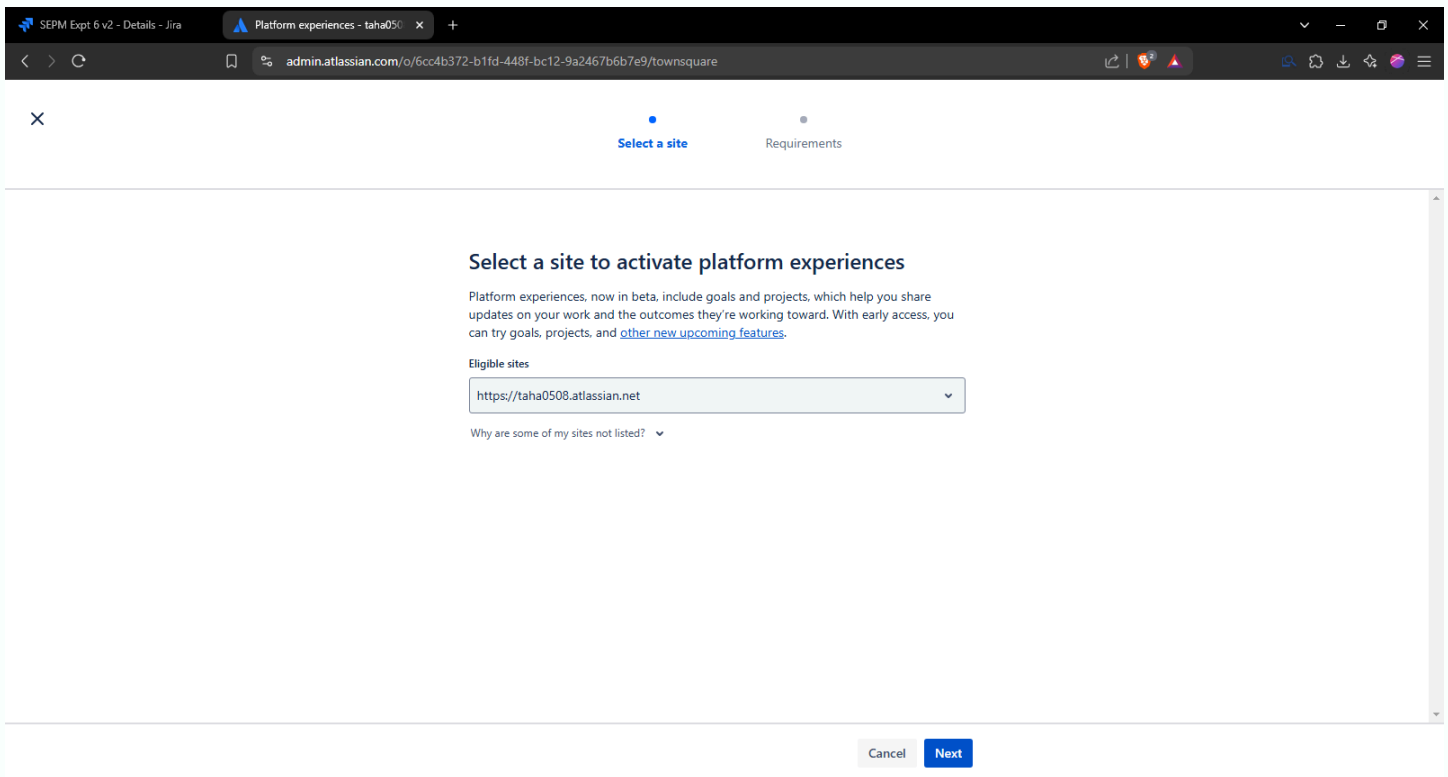
## **7. Monitoring and Reporting**

- 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 user '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 target icon with arrows. 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 'Sign up now' button is located at the bottom of the main content area.



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 content area contains the following text: '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 - JiraPlatform experiences - taha0508

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

ATLASSIAN Admin

taha0508

Overview

Directory

Products

Security

Billing

Settings

Search

Details

Domains

API keys

Application tunnels

Emails

Contacts

Compliance

Platform experiences

Data management

AI Settings

Rovo

Atlassian Intelligence

Admin / taha0508

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

< PreviousNext > 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 - JiraPlatform experiences - taha0508

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

Jira

Your work

Projects

Filters

Dashboards

Teams

Plans

Apps

Create

Search

SEPM Expt 6 v2

Software project

PLANNING

SE6V 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

Projects / SEPM Expt 6 v2 / SE6V board

Backlog

Search

TA

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

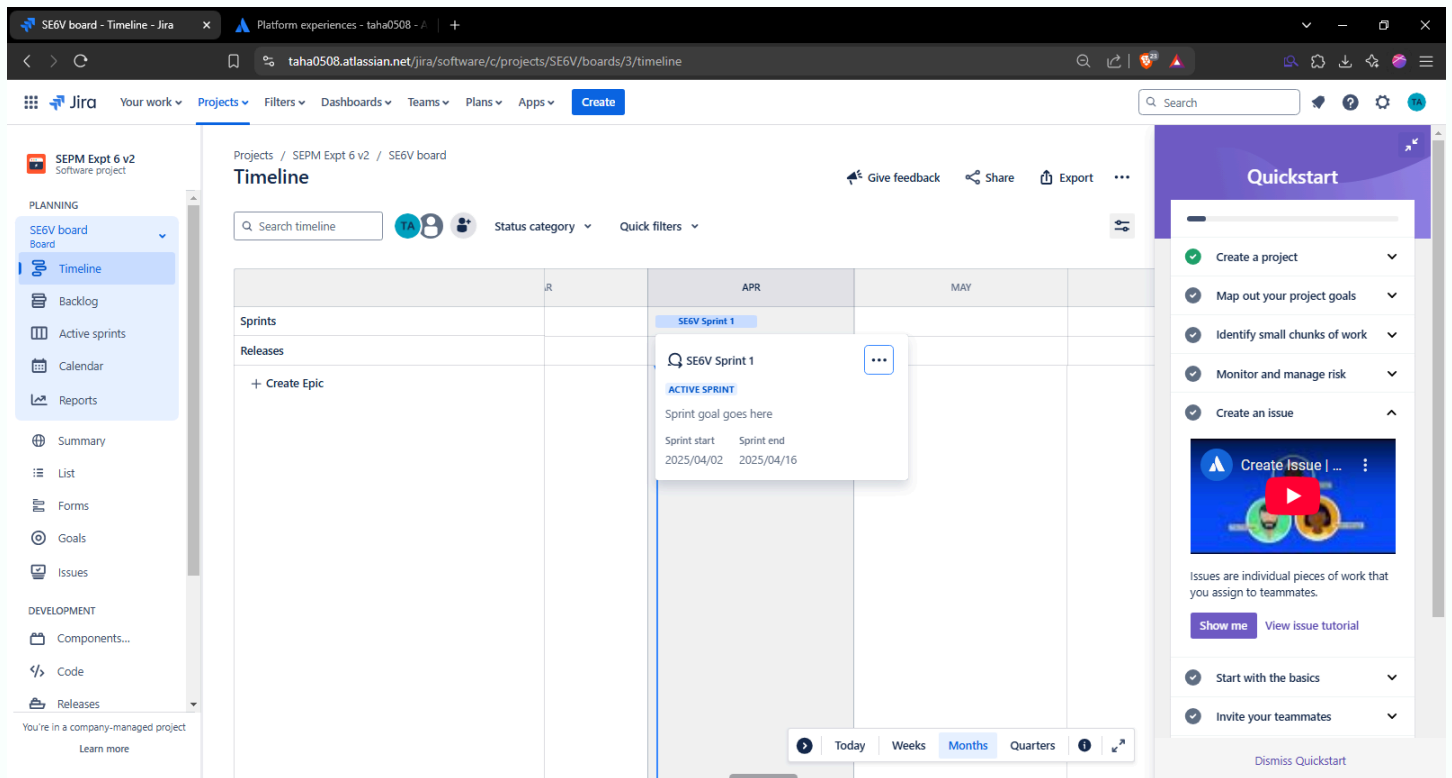
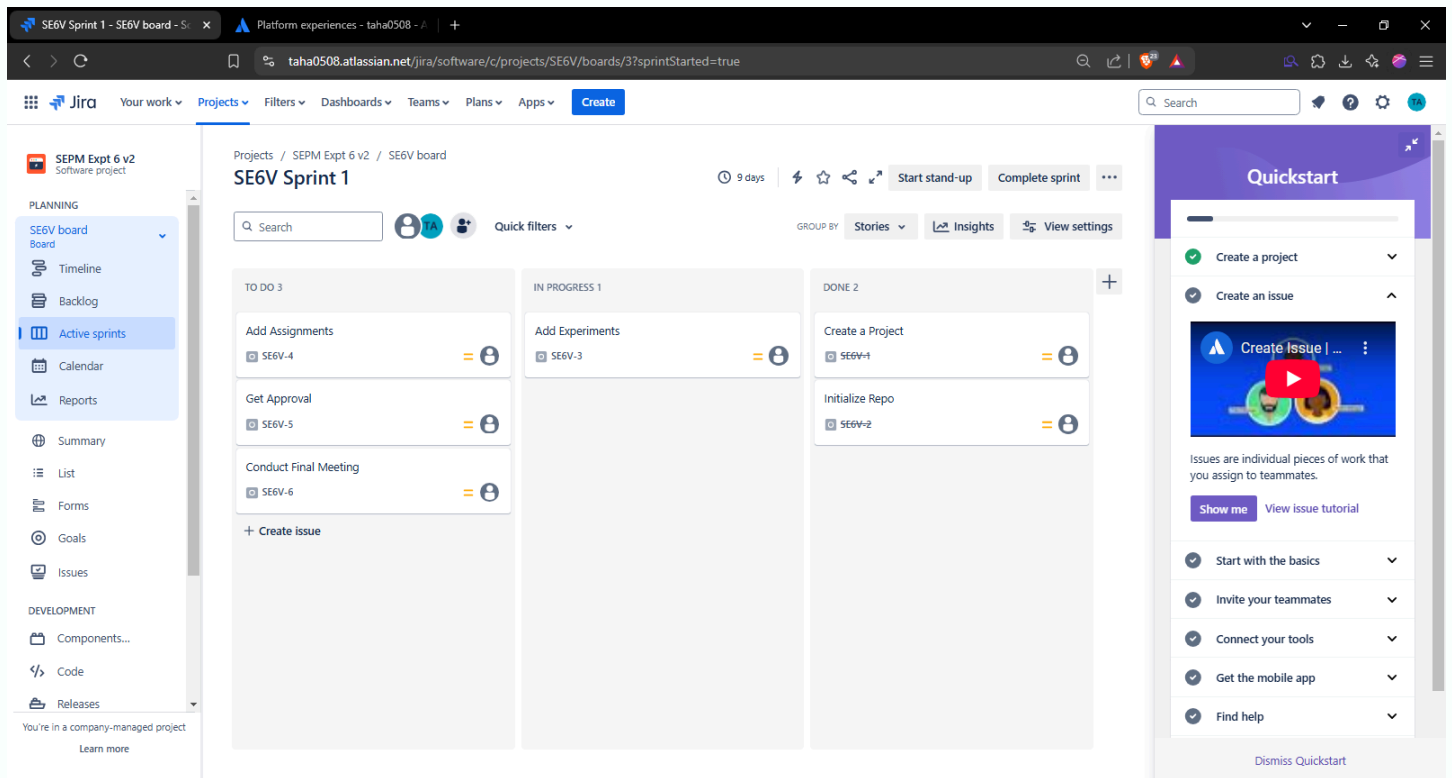
Invite your teammates

Connect your tools

Get the mobile app

Find help

Dismiss Quickstart



## Conclusion :

Scrum project was implemented using JIRA.