

SEPM Experiment 6

Name – Varad Chavan

Batch – T11

Roll no – 19

Aim: To study agile methodology and test case management using JIRA tool. To create scrum board for scrum master using JIRA tool.

Theory:

Jira is a software development tool that helps teams plan, track, and release software projects. It's a popular tool among software development teams.

JIRA is a widely used issue tracking and project management software developed by Atlassian. The theory behind JIRA revolves around several key principles and concepts:

Issue Tracking:

At its core, JIRA is designed to help teams track tasks, bugs, features, and other issues within a

project. It provides a centralized platform for capturing, organizing, and prioritizing these items.

Agile Methodologies:

JIRA supports agile methodologies such as Scrum and Kanban, enabling teams to plan, track, and deliver work in iterative cycles.

Agile principles emphasize collaboration, adaptability, and delivering value to customers.

Workflow Management:

JIRA allows teams to define custom workflows that represent the lifecycle of an issue from creation to completion. Workflows can include various statuses, transitions, and conditions to reflect the specific processes followed by the team.

Customization:

One of the key strengths of JIRA is its flexibility and customization options. Teams can tailor JIRA to their specific needs by creating custom issue types, fields, workflows, and project configurations.

Collaboration and Communication:

JIRA facilitates collaboration among team members by providing features such as commenting, mentioning, and attaching files to issues. It also integrates with other Atlassian products like Confluence and Bitbucket for seamless communication and knowledge sharing.

Reporting and Analytics:


JIRA offers robust reporting and analytics capabilities, allowing teams to gain insights into their project progress, team performance, and other key metrics. Users can create custom dashboards, charts, and reports to monitor and analyze project data.

Integration:

JIRA integrates with a wide range of third-party tools and services, including development tools, CI/CD pipelines, customer support systems, and more. This integration ecosystem enables teams to streamline their workflows and improve productivity.

Scalability and Performance:

JIRA is designed to scale with the needs of growing teams and organizations. It can handle large volumes of data and users while maintaining performance and reliability.



FeaturesSolutionsProduct guideTemplatesPricing

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Great outcomes start with Jira



The only project management tool you need to plan and track work across every team.

Work email
adityadikonda1711@gmail.com

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Or continue with

PRODUCT & ISSUE TRACKING

Software Development

IN PROGRESS

Optimize experience for mobile web

FEATURE BACKLOG

MUC-335

Bump version for new API

FORMS

MUC-336

Adapt web app no new payments provider

PLAN & LAUNCH CAMPAIGNS

Marketing

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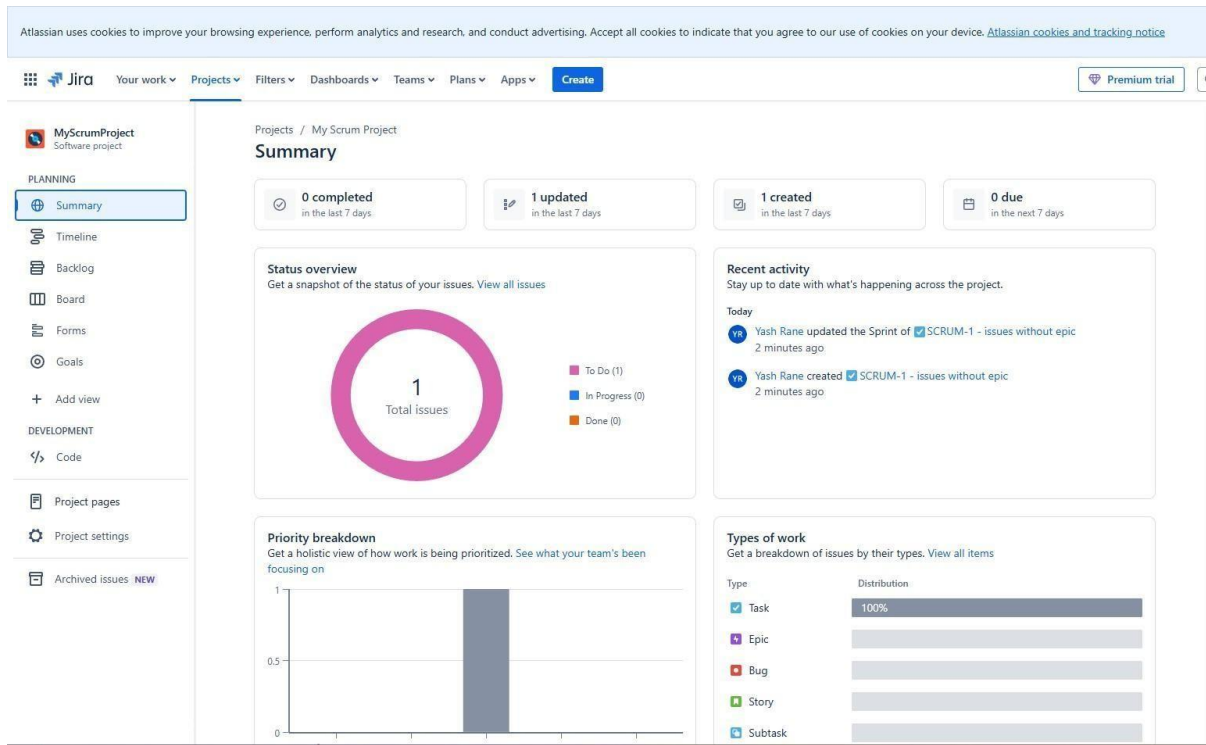
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Jira Your work Projects Filters Dashboards Teams Plans Apps Create Premium trial

MyScrumProject Software project

PLANNING

- Summary
- Timeline
- Backlog
- Board
- Forms
- Goals
- Add view

DEVELOPMENT

- Code
- Project pages
- Project settings
- Archived issues NEW

Projects / MyScrumProject

List

Search list

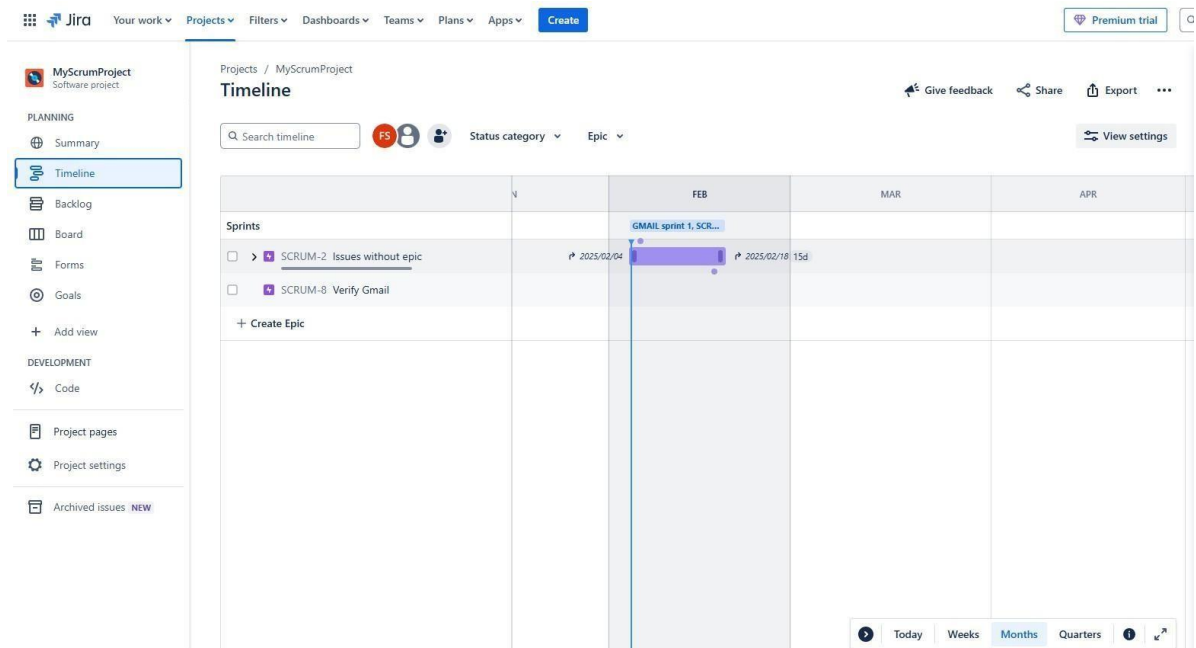
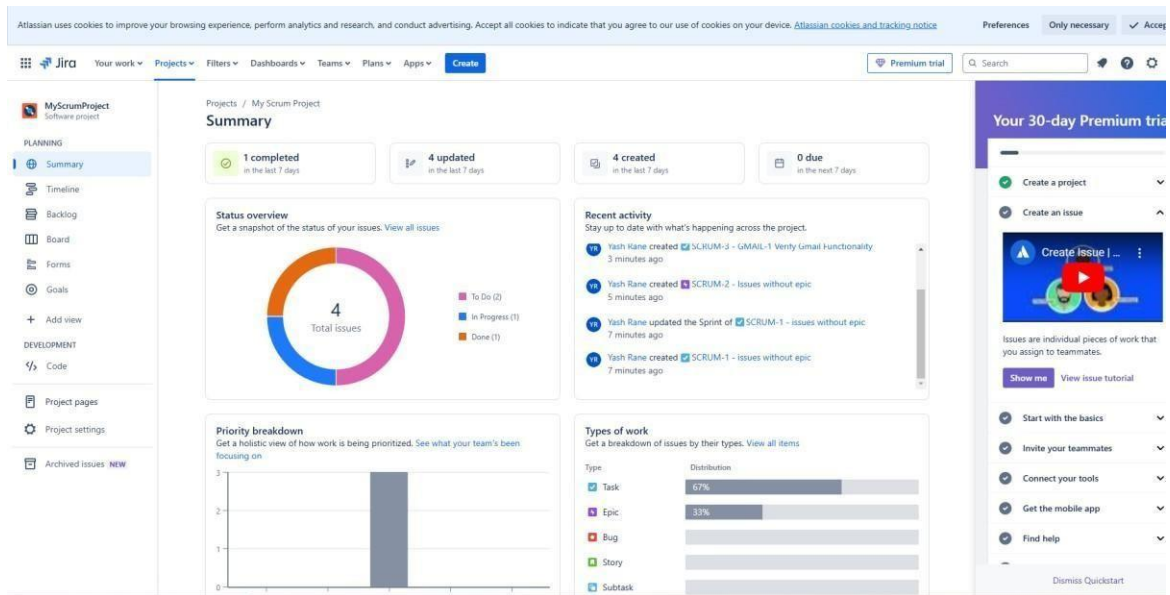
Share 1 filter applied Group Format More

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Nice one!

Marked "SCRUM-4" as Done

[View issue](#)



Jira

Your work

Projects

Filters

Dashboards

Teams

Plans

Apps

Create

Premium trial

MyScrumProject

Software project

Summary

Timeline

Backlog

Board

Forms

Goals

Add view

Code

Project pages

Project settings

Archived issues

Projects / MyScrumProject

All sprints

9 days

Complete sprint

Search

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TO DO 1

GMAIL Sprint 1

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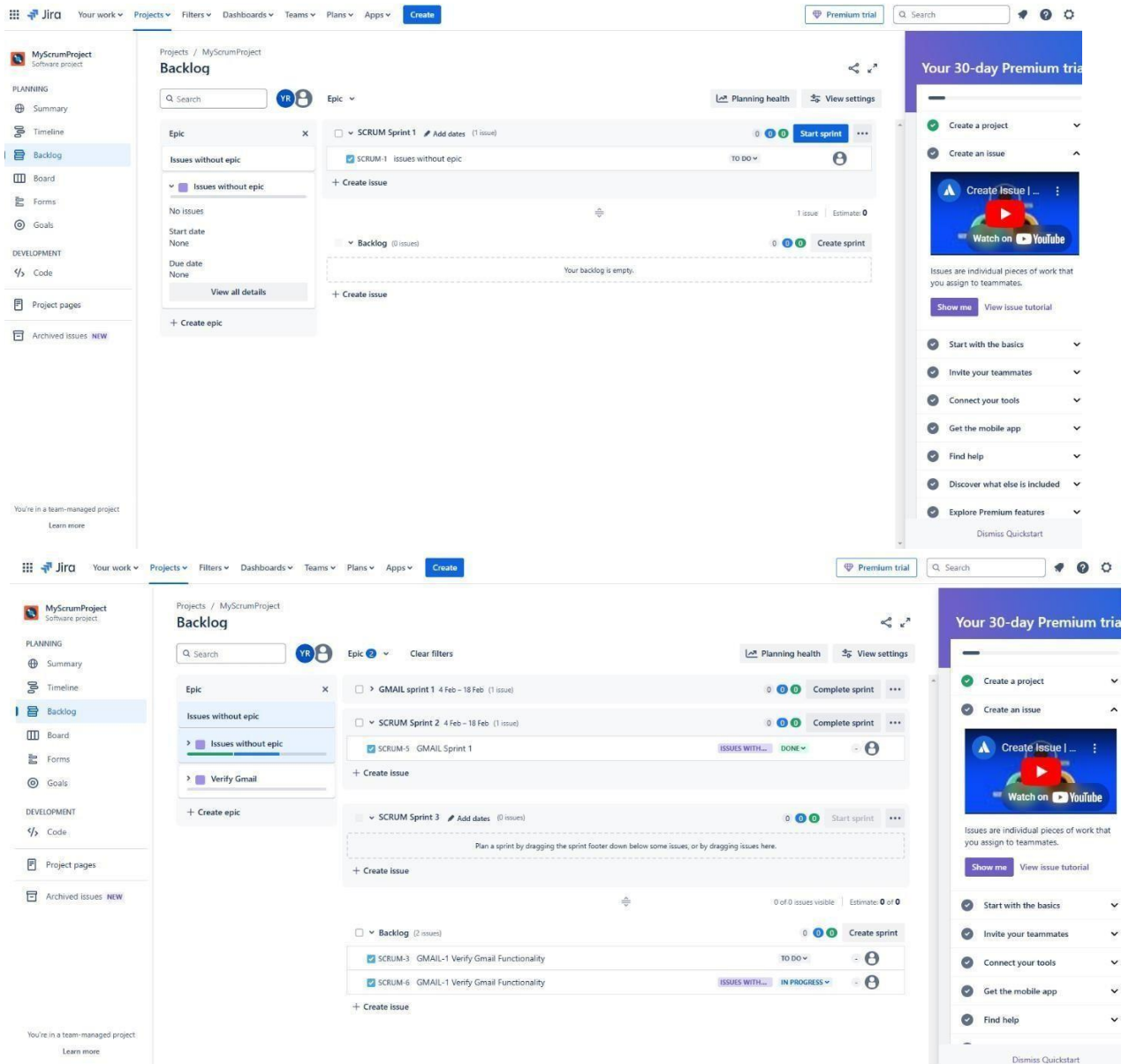
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issues without epic

SCRUM-1

DONE



Conclusion: Thus, we have successfully studied agile methodology and test case management using JIRA tool and create scrum board for scrum master using JIRA tool.