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Batch: T13

Roll no: 62

EXPERIMENT 6

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.

Get it free

Sign in

Features

Solutions

Product guide

Templates

Pricing

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

Find teammates, plan, keep work and life separate by using your work email.

Sign up

Or continue with

Google

Microsoft

PRODUCT & ISSUE TRACKING

Software Development

IN PROGRESS

Optimize experience for mobile web

FEATURE

HL-0-326

Bump version for new API

FORM

HL-0-326

Adapt web app to new payments provider

PLAN & LAUNCH CAMPAIGNS

Marketing

SUN

MON

27

28

THU-28 Workshop with...

FRI-29 Do something useful

SAT-30 Design specs kick-off

PLAN & TRACK IT PROJECTS

IT

All changes saved

Licensing and billing form

Please make sure you submit your request. Help us prioritize your idea within our roadmap.

Summary*

Description

Due date

BUILD CREATIVE WORKFLOWS

Design

EXP-21 / EXP-1

Implement integrations into

Attach

Create subtask

Designs (1)

Figma

CREATE CUSTOM PROCESSES

Operations

Assignee

Due

Alana Song

17 Aug

Fran Perez

29 Sep

Andres Ramos

07 Nov

Amar Sundaram

01 Oct

Fran Perez

16 Nov

Alana Song

12 Oct

Molly Clark

18 Sep

Eva Lien

28 Oct

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My Scrum Project

Software project

PLANNING

Summary

Timeline

Backlog

Board

Forms

+ Add view

DEVELOPMENT

Code

Project pages

Project settings

Archived issues NEW

Projects / My Scrum Project

Backlog

Q Search

SCRUM Sprint 1

+ Create issue

Backlog

+ Create issue

Welcome!

Your first project is ready to kick off. It's where you'll track tasks across teams, turning big ideas into real outcomes.

Name your project

MyScrumProject

How familiar are you with Jira?

☒ Not familiar

☐ Somewhat

☐ Familiar

Get started

MyScrumProject

Board

List

Timeline

Backlog

Issue 1

Issue 2

Issue 3

+ Add issue

Planning health

View settings

Start sprint

0 issues

Estimate 0

Create sprint

Quickstart

Added people to project

You have added 1 person to your project and 1 new license has been added to Jira.

raneyash.tsec@gmail.com New to Jira

raneyash.tsec@gmail.com

You can manage access from the project settings.

Manage Jira users in User management.

Project settings

OK

MyScrumProject

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Archived issues NEW

Projects / My Scrum Project

Backlog

Q Search

SCRUM Sprint 1

+ Create issue

Backlog

+ Create issue

Your backlog is empty

+ Create issue

Planning health

View settings

Start sprint

0 issues

Estimate 0

Create sprint

Your 30-day Premium trial

Create a project

Create an issue

Create Issue

Show me

View issue tutorial

Start with the basics

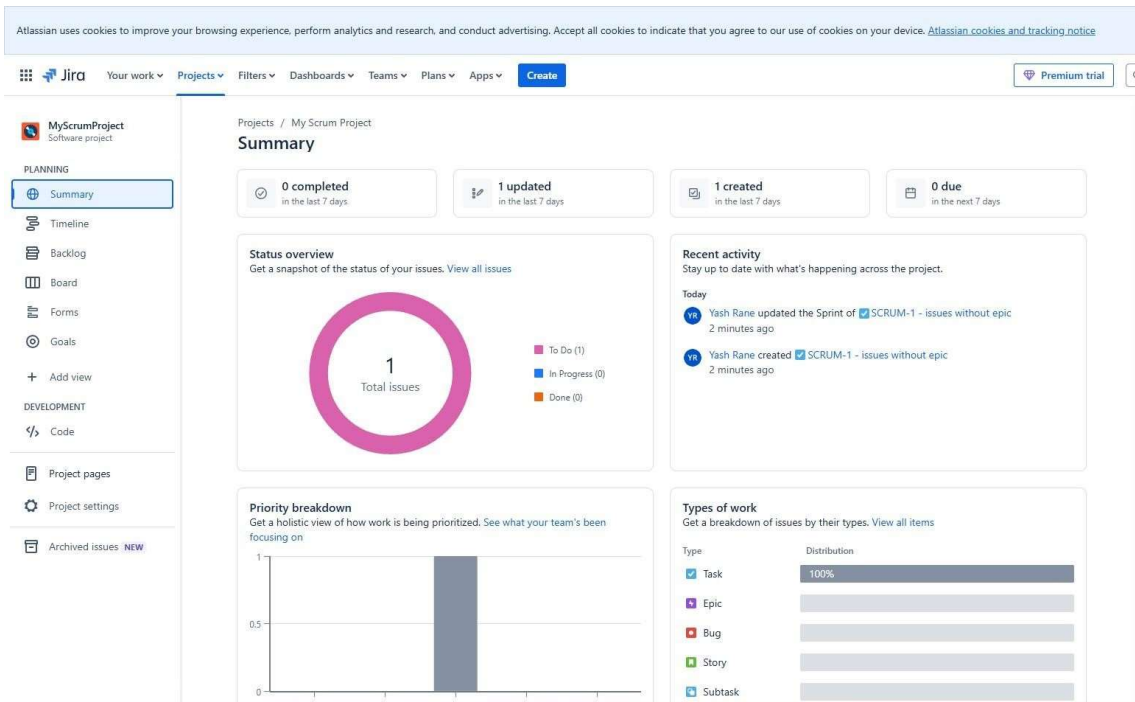
Invite your teammates

Connect your tools

Get the mobile app

Find help

Dismiss Quickstart



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

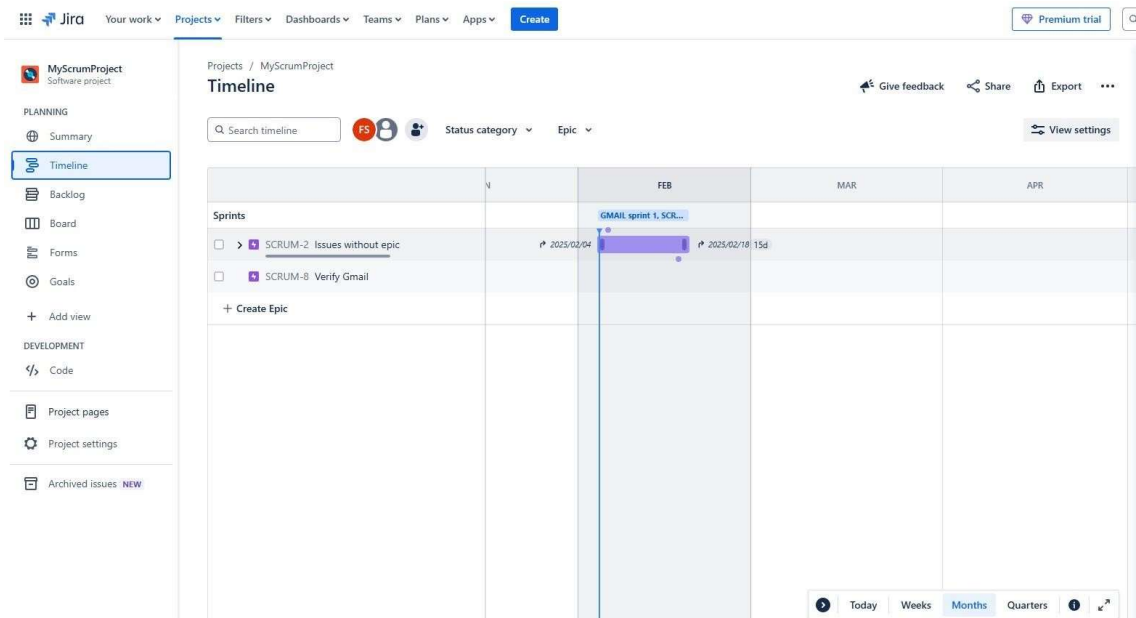
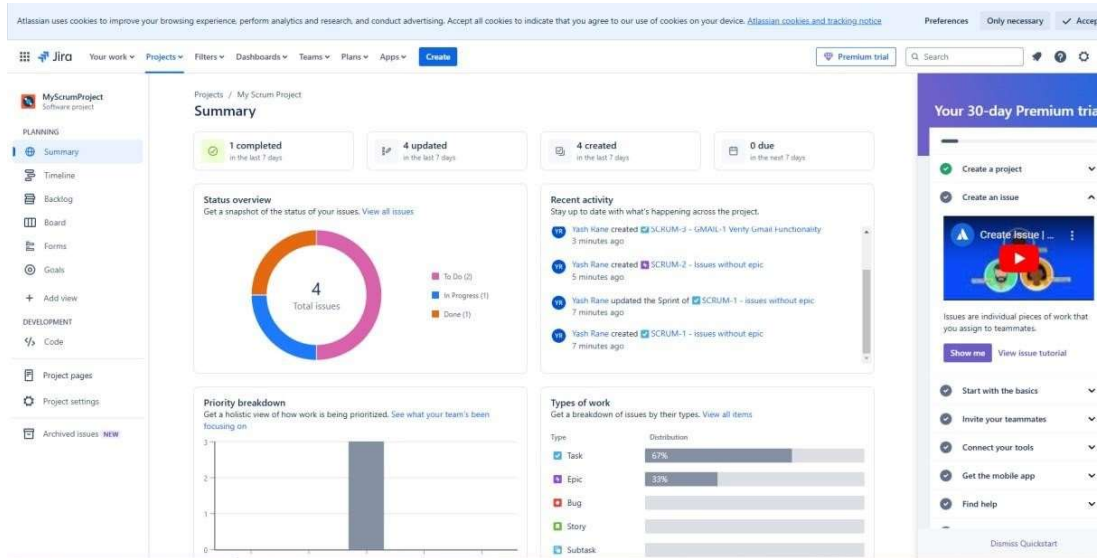
	Type	#	Key	Summary	Status	Sprint	Assignee	Due date
<input type="checkbox"/>								
<input type="checkbox"/>	Epic	SCRUM-2		Issues without epic	TO DO			
<input type="checkbox"/>	Task	SCRUM-3		GMAIL-1 Verify Gmail Functionality	TO DO			

+ Create

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

DEVELOPMENT

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Project settings

Archived issues NEW

Projects / MyScrumProject

All sprints

9 days

Complete sprint

...

Q Search

PS

...

Epic

Sprint

GROUP BY

None

Sprint health

View settings

TO DO 1

IN PROGRESS 1

DONE

+

GMAIL Sprint 1

ISSUES WITHOUT EPIC

SCRUM-5

+ Create issue

Issues without epic

SCRUM-1

Jira

Your work

Projects

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Apps

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Projects / MyScrumProject

Forms

Create a new form

Blank form

Feature request

Bug report

Incident report

Recent forms

Project MyScrumProject - Task Fo...

Last edited 9 minutes ago by you

Task

Limited

...

MyScrumProject

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Archived issues NEW

You're in a team-managed project

[Learn more](#)

Projects / MyScrumProject

Backlog

YR

Epic ▾

Planning health

View settings

Epic

Plan and prioritize large chunks of work.

Create your first epic to start capturing and breaking down work for your team.

+ Create epic

SCRUM Sprint 1

Add dates (1 issue)

Start sprint

...

SCRUM-1

Issues without epic

TO DO ▾

+ Create issue

Backlog (0 issues)

Create sprint

+ Create issue

Your backlog is empty.

Your 30-day Premium trial

Create a project

Create an issue

Create Issue | ...

Watch on YouTube

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

Discover what else is included

Explore Premium features

Dismiss Quickstart

MyScrumProject

Software project

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You're in a team-managed project

[Learn more](#)

Projects / MyScrumProject

Backlog

YR

Epic ▾

Planning health

View settings

Epic

Issues without epic

Issues without epic

No issues

Start date: None

Due date: None

View all details

+ Create epic

SCRUM Sprint 1

Add dates (1 issue)

Start sprint

...

SCRUM-1

Issues without epic

TO DO ▾

+ Create issue

Backlog (0 issues)

Create sprint

+ Create issue

Your backlog is empty.

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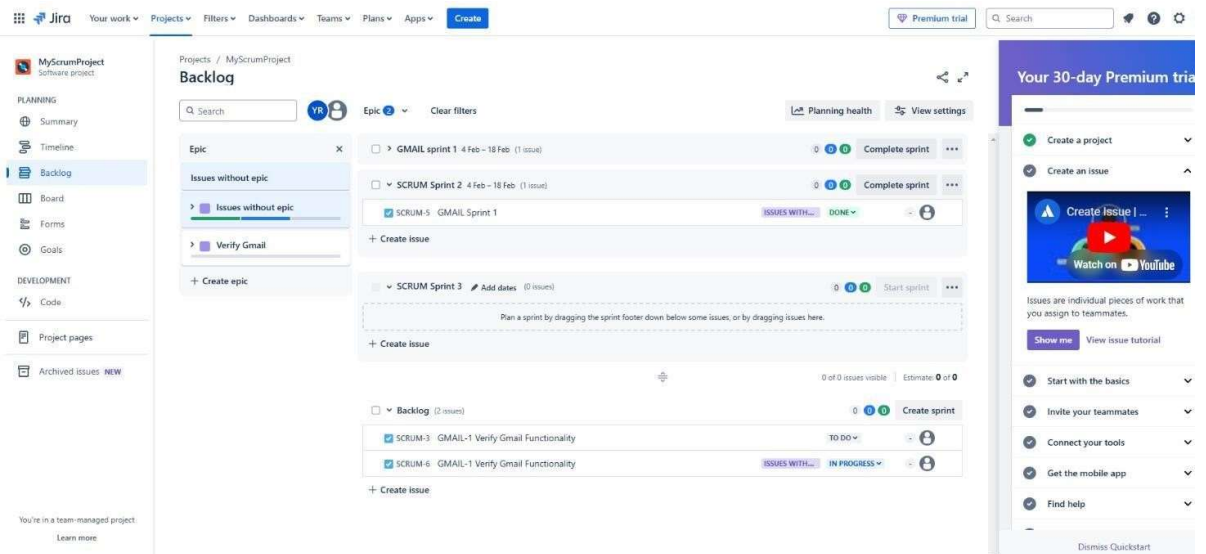
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Conclusion: Thus, we have successfully studied agile methodology and test case management using JIRA tool and create scrum board for scrum master using JIRA tool.