

# **SOFTWARE ENGINEERING LAB TASK 3**

**11-12-2024**

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## **Introduction to JIRA Tool**

### **1. Introduction**

- **What is JIRA?**

JIRA is a project management and issue-tracking software developed by Atlassian. Initially designed for bug tracking, JIRA has evolved into a comprehensive tool for managing workflows, tracking projects, and supporting agile methodologies.

- **Why JIRA?**

It enables teams to plan, track, and release software efficiently, making it a preferred choice for developers and project managers worldwide.

### **2. Features of JIRA**

- **Issue and Task Tracking:**

Track tasks, bugs, and project issues with ease.

- **Agile Boards:**

Supports Scrum and Kanban boards for agile development.

- **Roadmaps:**

Helps visualize project timelines and dependencies.

- **Custom Workflows:**

Design workflows tailored to your team's requirements.

- **Reporting and Analytics:**

Get insights through burndown charts, sprint reports, and more.

### 3. Benefits of Using JIRA

- Improves **team collaboration** and communication.
- Provides **real-time insights** into project progress.
- Offers **customizable dashboards** for different team needs.
- Integrates seamlessly with popular tools like Slack, GitHub, and Jenkins.

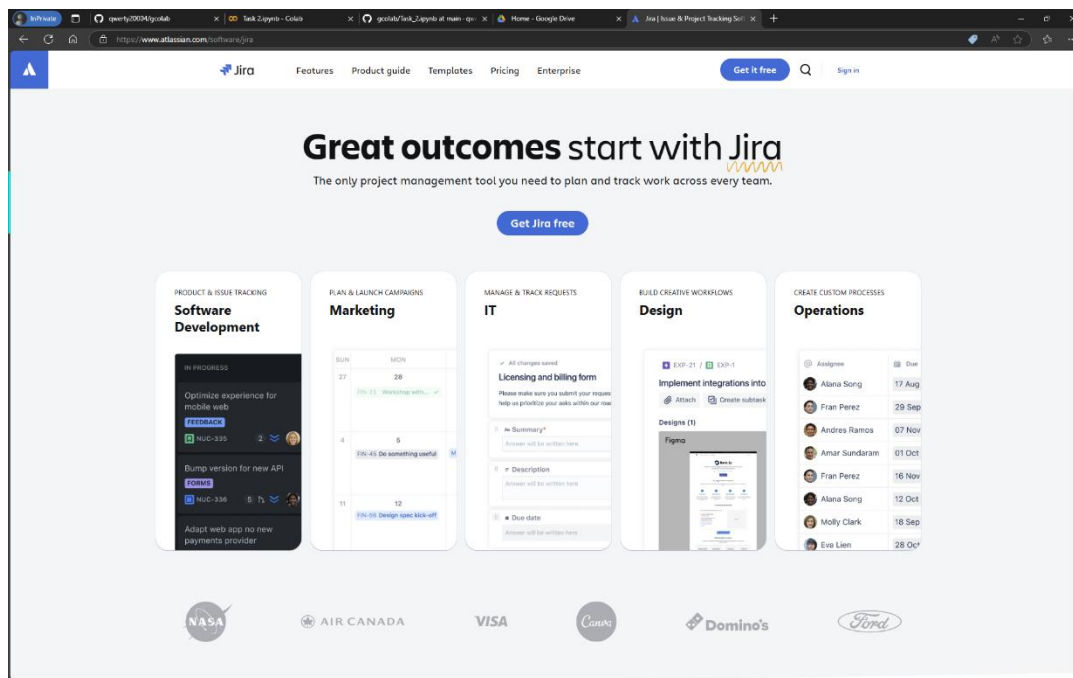
### 4. Use Cases

- **Software Development Teams:** Manage sprints, backlogs, and releases.
- **IT Operations:** Track incidents and service requests.
- **Marketing Campaigns:** Plan and execute campaigns effectively.
- **Recruitment:** Manage the hiring process with JIRA workflows.

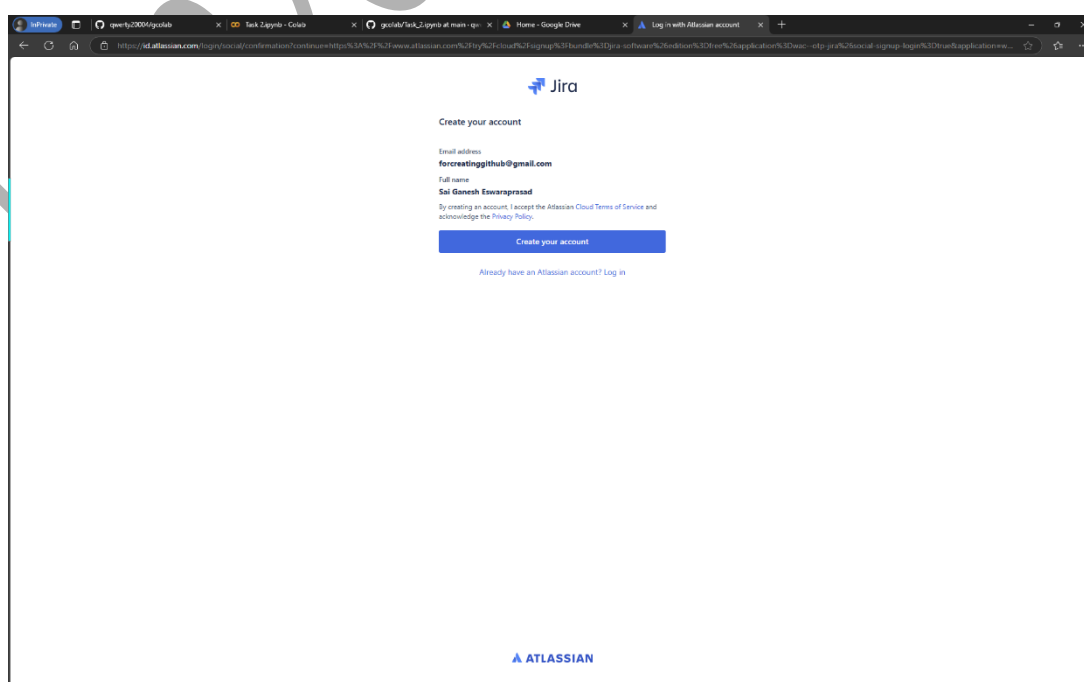
## 5. Setting Up JIRA

### 1. Sign-Up:

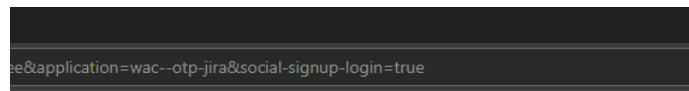
Visit <https://www.atlassian.com/software/jira> and create an account.



### 2. Click on 'Create your account'



### 3. Name your site



## Let's name your site

Your site name is part of your Jira URL. Most people use their team or company name.

Your site

saiganesheswaraprasad .atlassian.net ✓

This site name is just a suggestion. Feel free to change to something your team will recognize.















Continue

### 4. Choose the respective details



## What kind of work do you do?

This helps us suggest templates that help your team do their best work.

 Software development	 Product management
 Marketing	 Design
 Project management	 Operations
 IT support	 Human resources
 Customer service	 Legal
 Finance	 Sales
 Data science	 Other

## 5. Choose “How does your team plan to use Jira?”

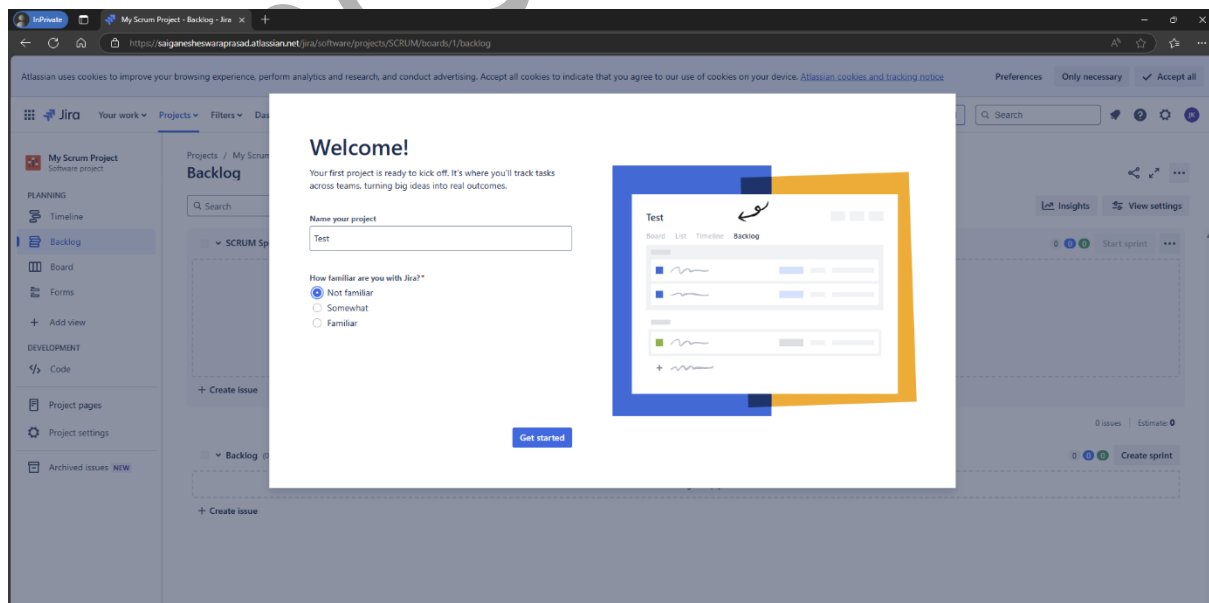


### How does your team plan to use Jira?

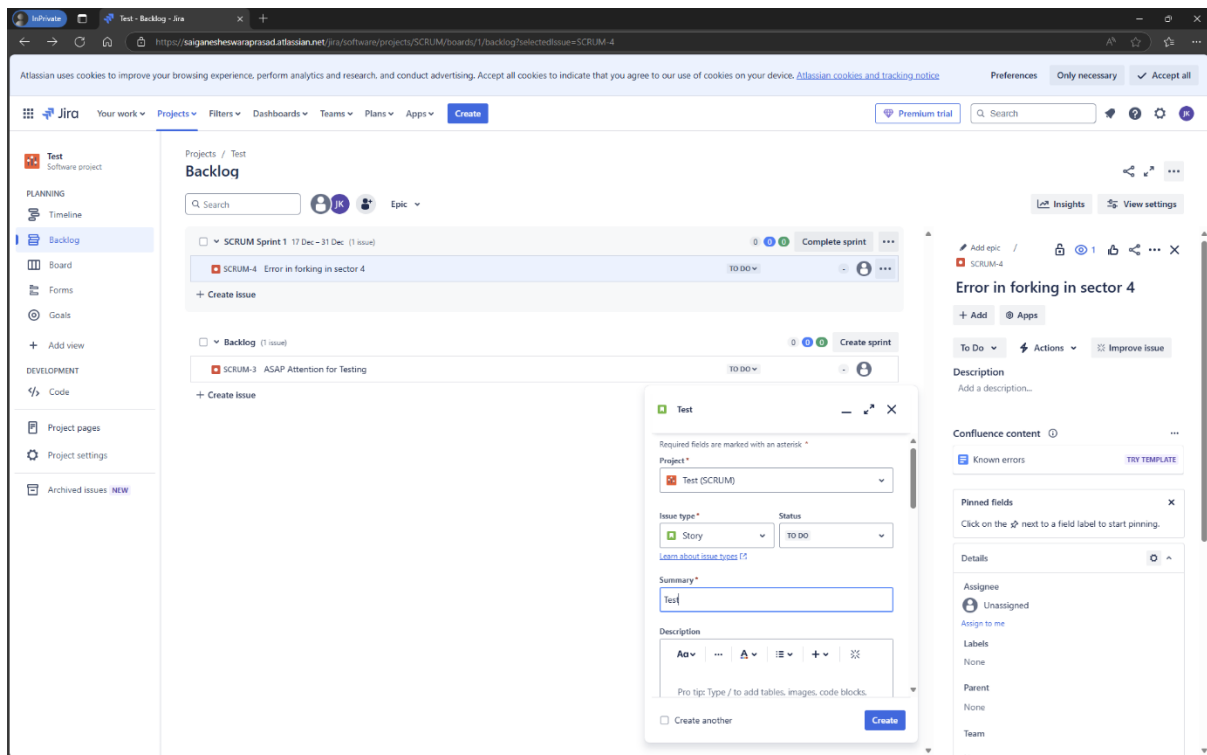
<input type="checkbox"/> Work in scrum	<input type="checkbox"/> Map work dependencies
<input type="checkbox"/> Prioritize work	<input type="checkbox"/> Track bugs
<input type="checkbox"/> Run sprints	<input type="checkbox"/> Manage tasks

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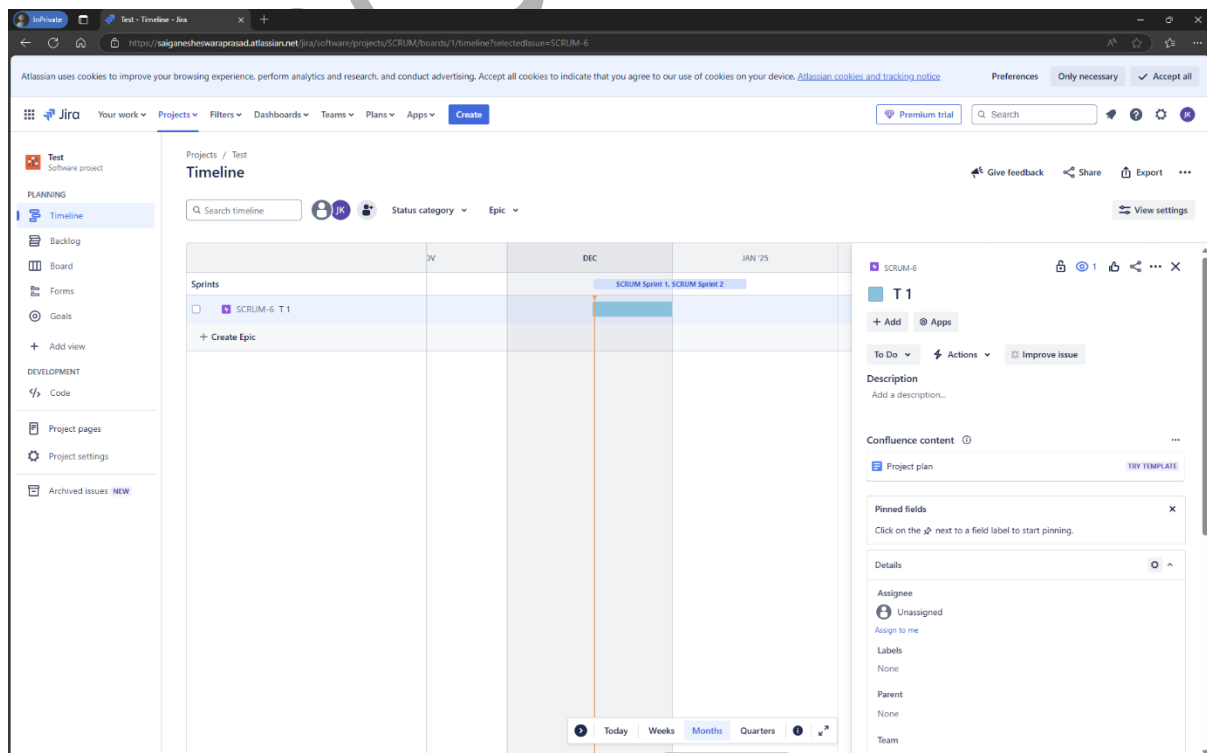
## 6. Choose Project Name and Familiarity



## 7. Create Issues in JIRA



## 8. Add Task to Timeline



## 9. Add multiple Tasks to Timeline and Change Colours

