

Topics Covered:

- Installation Zephyr on Jira
- Writing test cases on Jira



Difference between Scrum and Kanban

Scrum and Kanban are two popular Agile methodologies used for software development and project management.

Feature	Scrum	Kanban
Definition	A structured Agile framework with fixed sprints and roles.	A visual workflow management method for continuous delivery.
Process Flow	Work is done in fixed sprints (1-4 weeks).	Work flows continuously without fixed iterations.
Roles	Defined roles: Scrum Master, Product Owner, Development Team.	No defined roles; team members manage their own workflow.
Change Handling	Changes are not allowed during a sprint.	Changes can be made anytime.
Usage	Use Scrum if you need structure, fixed timelines, and clear planning.	if you need flexibility and a continuous flow of work.

Steps to make an account on Jira

Part 1: Creating a JIRA Account

Step 1: Sign Up for JIRA

1. Open your browser and go to <https://www.atlassian.com/software/jira>.
2. Click **Get it free**.
3. Select **JIRA Software**.
4. Click **Try it free**.

Step 2: Set Up Your Account

1. Enter your **email address** and click **Continue**.
2. Check your email for a verification link and click on it.
3. Enter your **name and password** → Click **Sign Up**.

Step 3: Create a JIRA Project

1. After logging in, click **Create Project**.



2. Select **Scrum** or **Kanban** template (for Agile projects).
3. Enter a **Project Name** (e.g., "QA Testing").
4. Click **Create**.

Part 2: Installing Zephyr in JIRA

Step 1: Open the Atlassian Marketplace

1. In JIRA, go to the top navigation bar.
2. Click on **Apps** → **Find new apps**.

Step 2: Search for Zephyr

1. In the search bar, type "**Zephyr Scale**".
2. Select **Zephyr Scale – Test Management for JIRA**.

Step 3: Install Zephyr

1. Click **Try it free**.
2. Click **Start Free Trial**.
3. Zephyr will now be installed and available under the **Tests** menu in JIRA.

Writing Test cases on Jira/Zephyr

- Write the previous test cases of Lab 1 using Jira.
- How to make new bug and track it (self study)

Assignment (deadline 3 March 2025)

- Write test cases for search functionality (5 test cases) on Jira and put screenshots of these test cases in PDF file

Submission on LMS.

