# AMERICAN INTERNATION UNIVERSITY-BANGLADESH

Course: Software Requirement Engineering

Section: A

Session: Spring 22-23

## Group Information

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## Assignment on Project Management Tool

## Project Management Tool

A project management tool is software or an application that helps individuals and teams in planning, tracking, and managing projects from beginning to end. It can be used to create and assign tasks, establish deadlines, track progress, and communicate with team members. Project management tools are required because they facilitate effective collaboration and communication among team members and stakeholders, which is critical for project success. There are several types of project management tools therefore we are using Jira as a project management tool

## Jira:

Jira is an effective project management solution that may assist teams in attempted to work, improving collaboration, and completing projects on time and under budget.
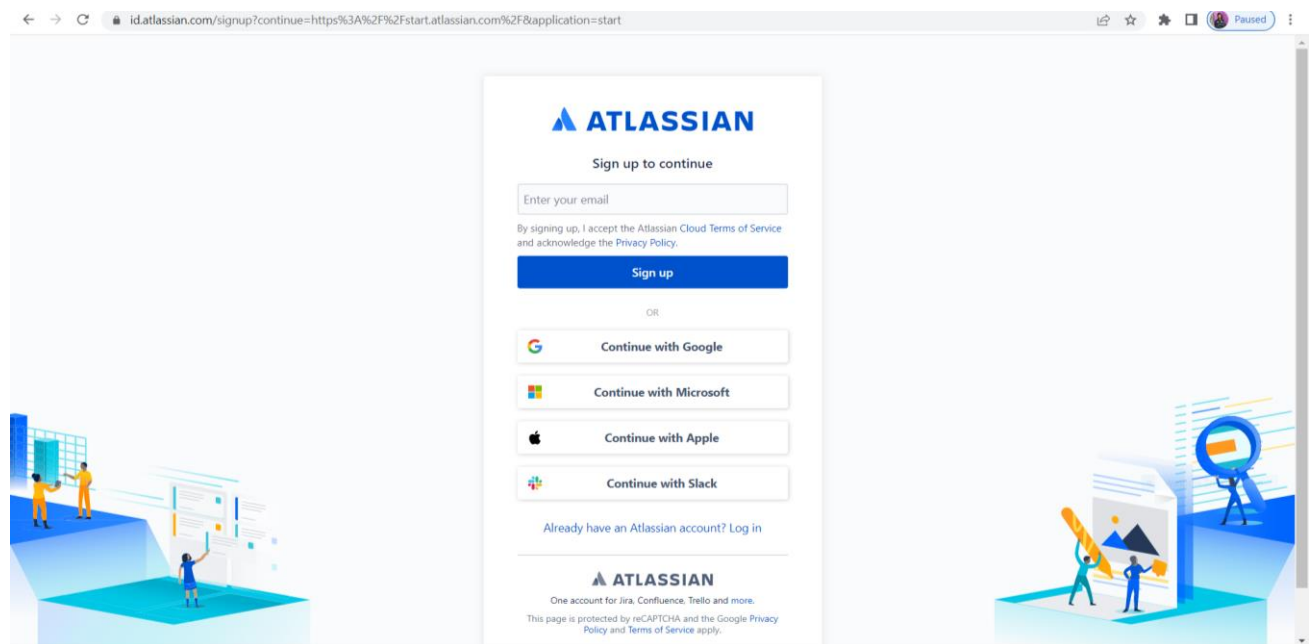


Figure 1: Create Jira Account

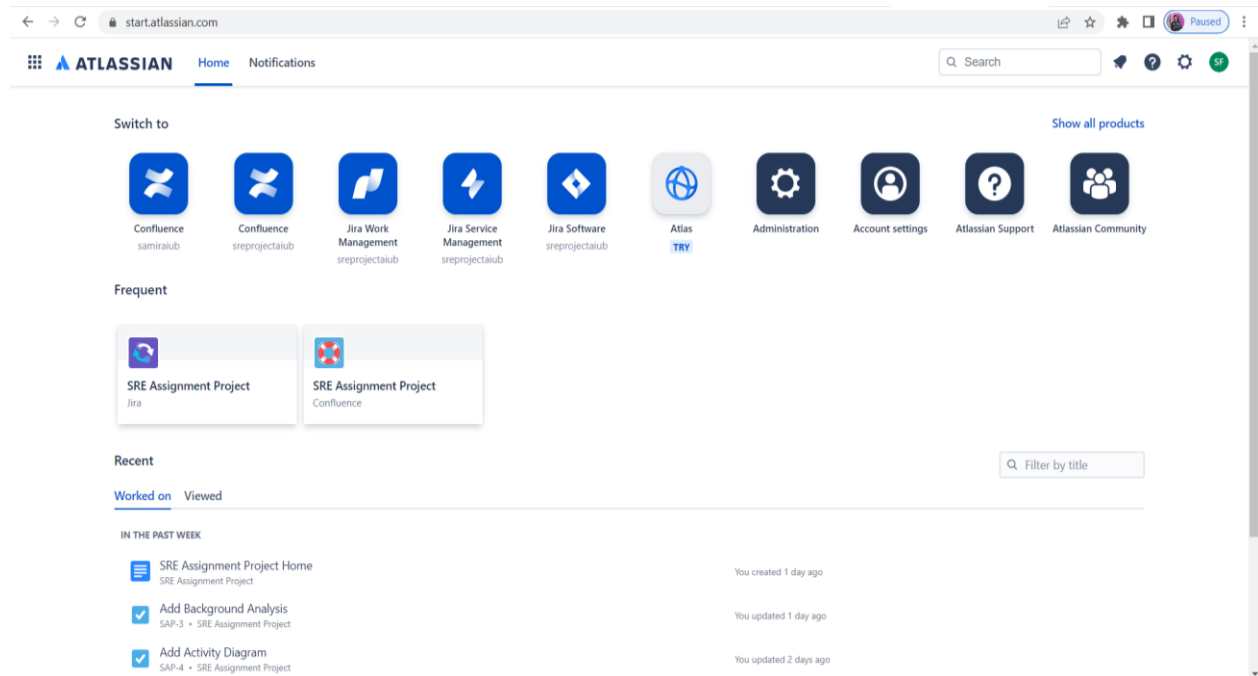Figure 1: At first create Jira account to start project management work.

Figure 2: After login Atlassian Page

Figure 2: After creating the jira account we should login using Gmail and password. Then show the Atlassian Page to show option what should to do
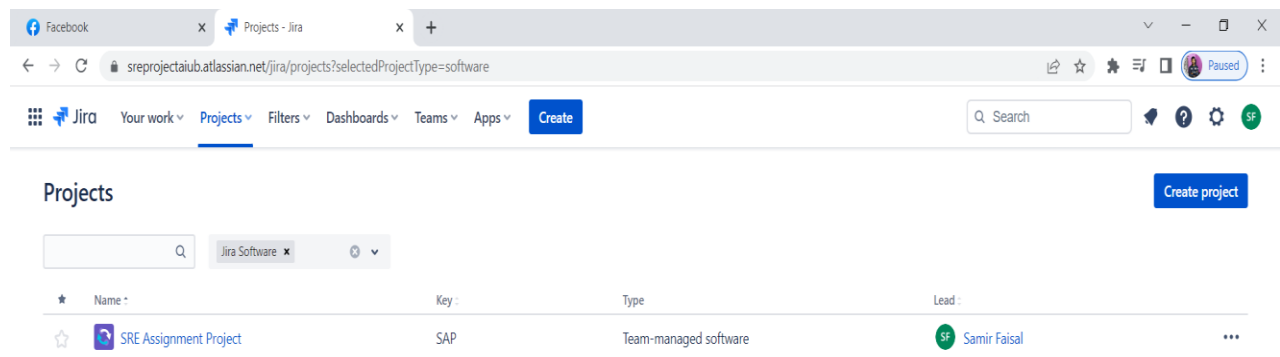


Figure 3:Create Project Interface

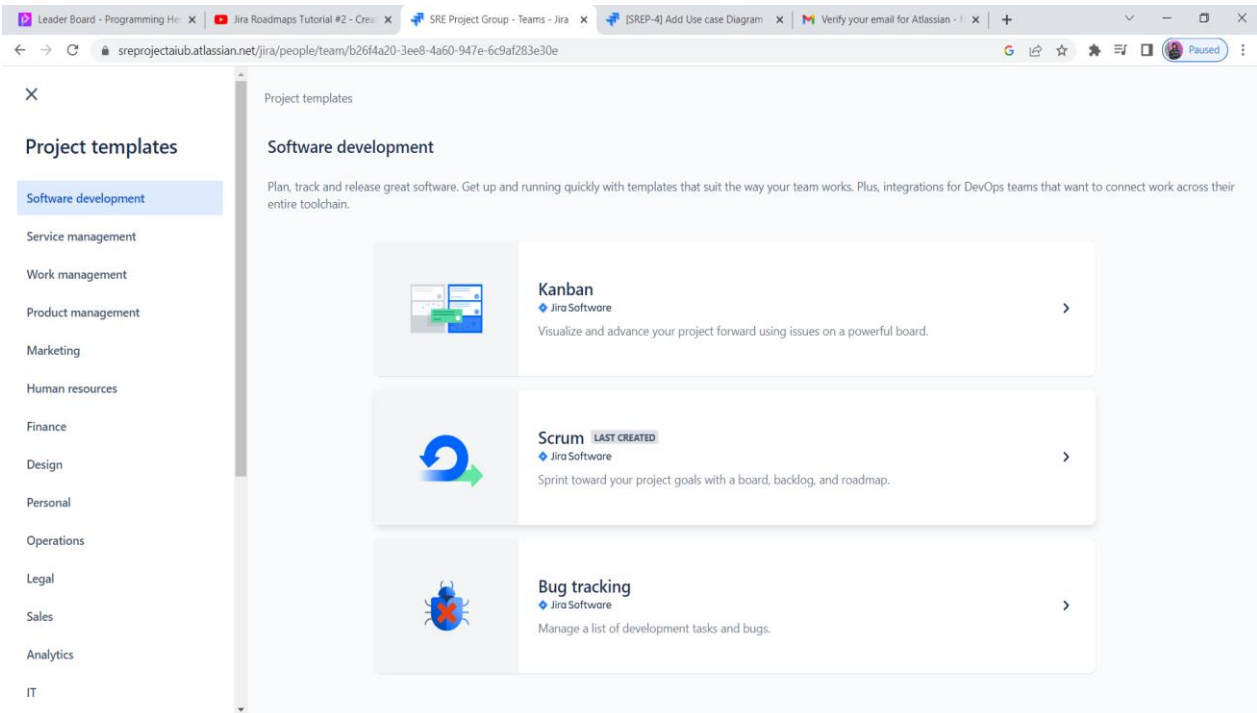Figure 3: In the Atlassian page select Jira Software to enter Create project option.

Figure 4: create Project Template

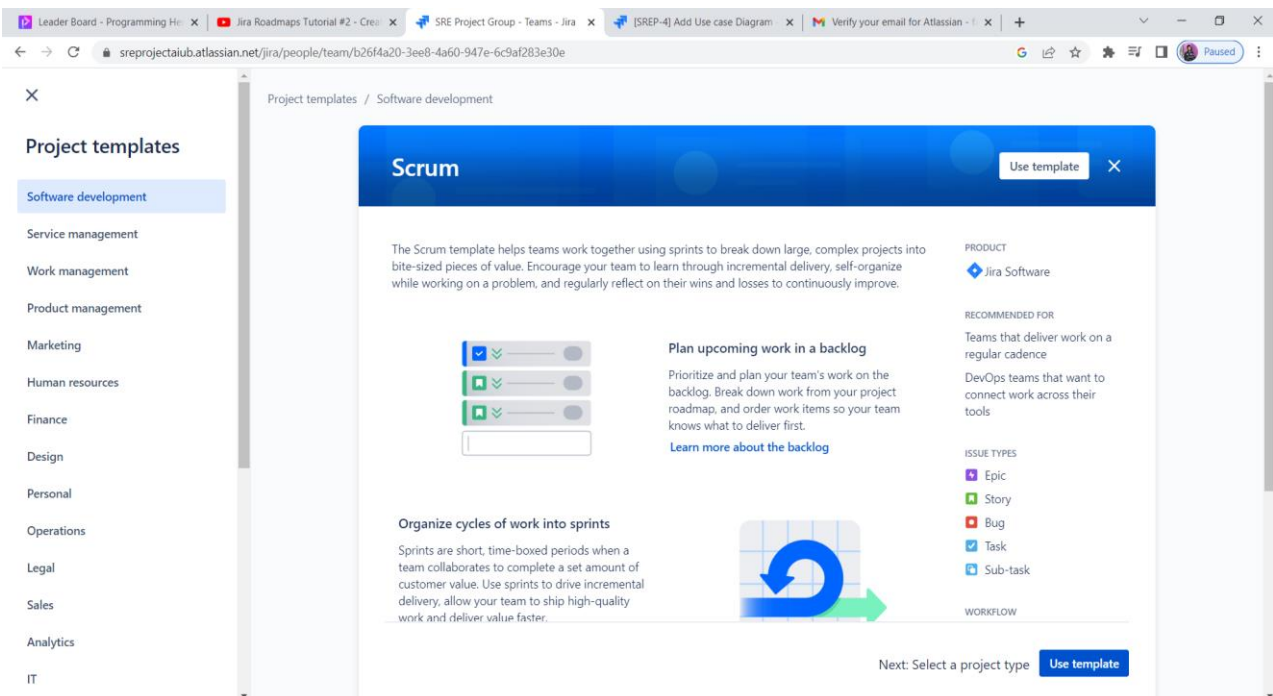Figure 4: Click create project option then select the project template from this page



Figure 5:Scrum project Template

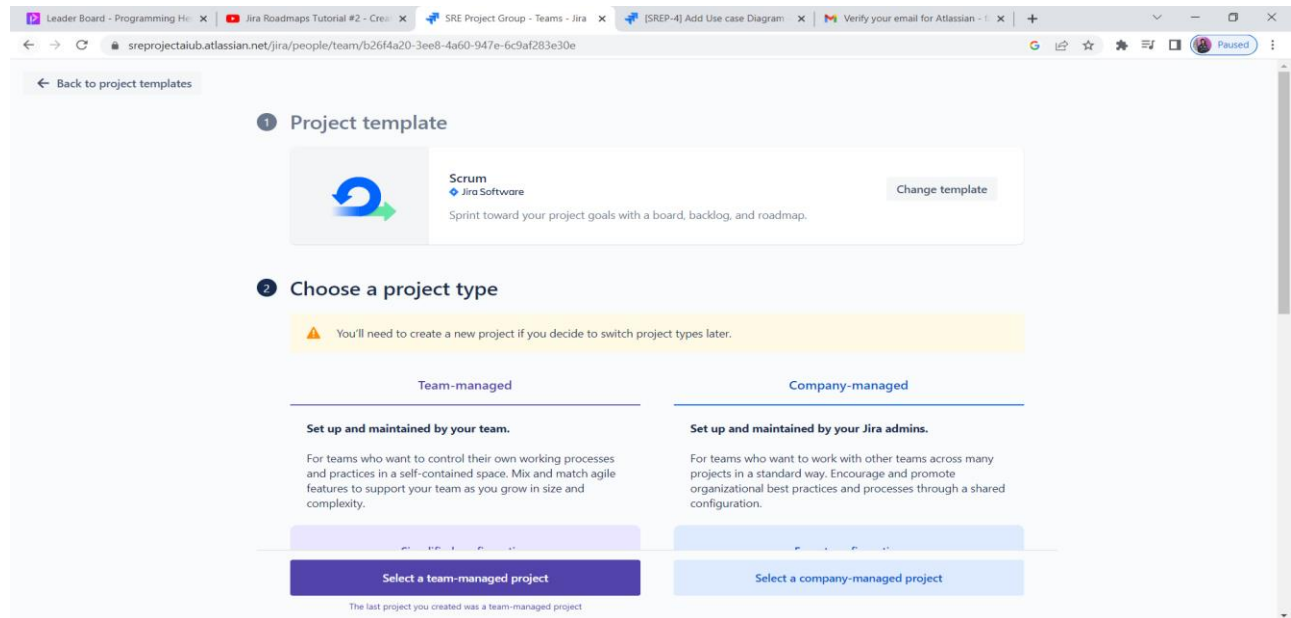Figure 5: Select scrum project template from the project template section

Figure 6: Confirm Scrum project Template

Figure 6: There are two types of Scrum project templates. One is for team management projects, the other is for company management projects, but we used the team management project template.
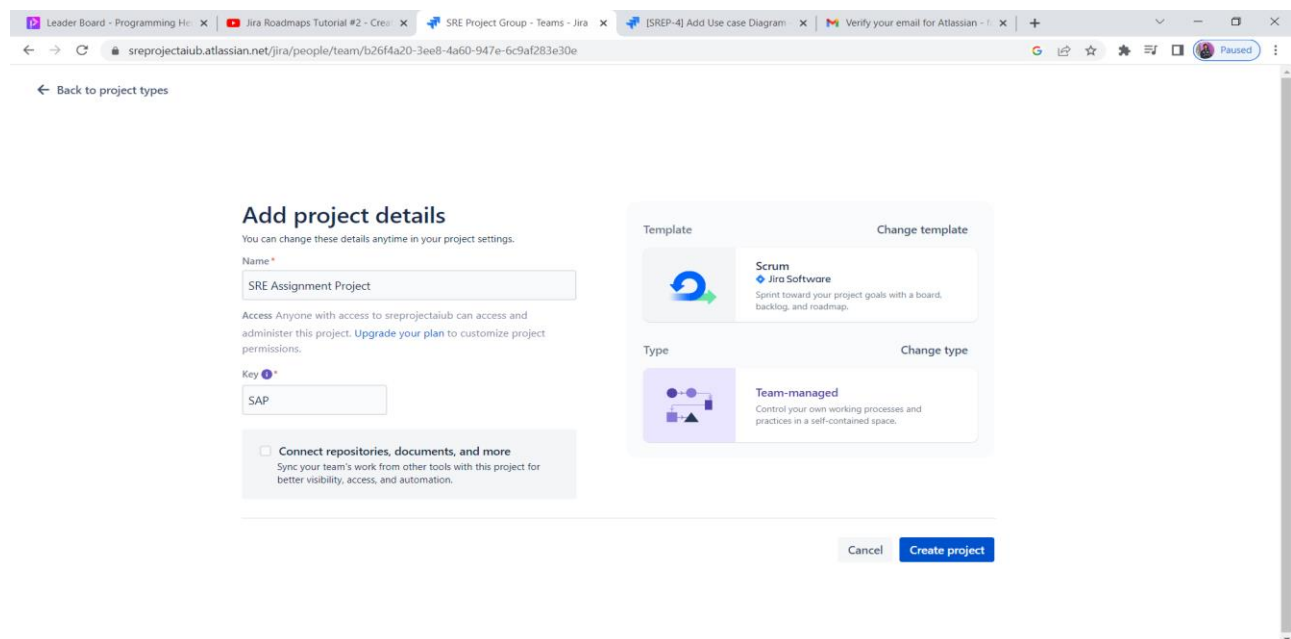


Figure 7: Add Project Details

Figure 7: Here we declare the project name and key word for the project, then click the "create project button to create the project with the scrum team management project template.
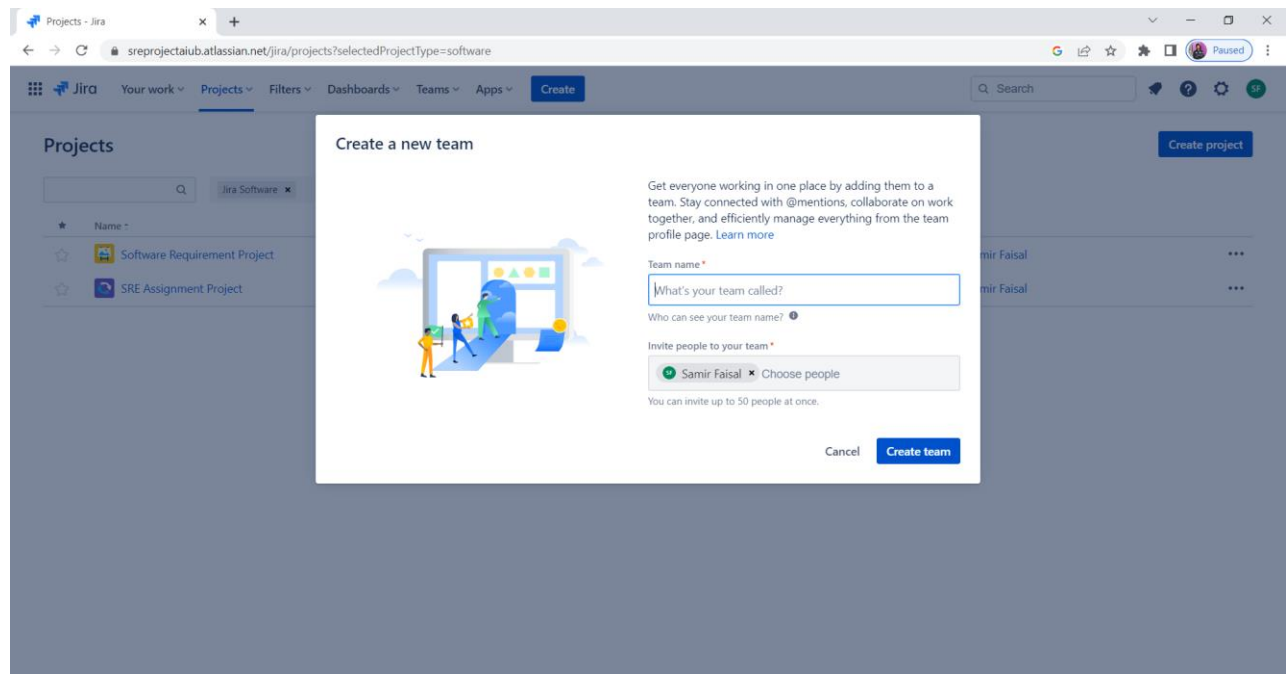
Figure 8: Create a team

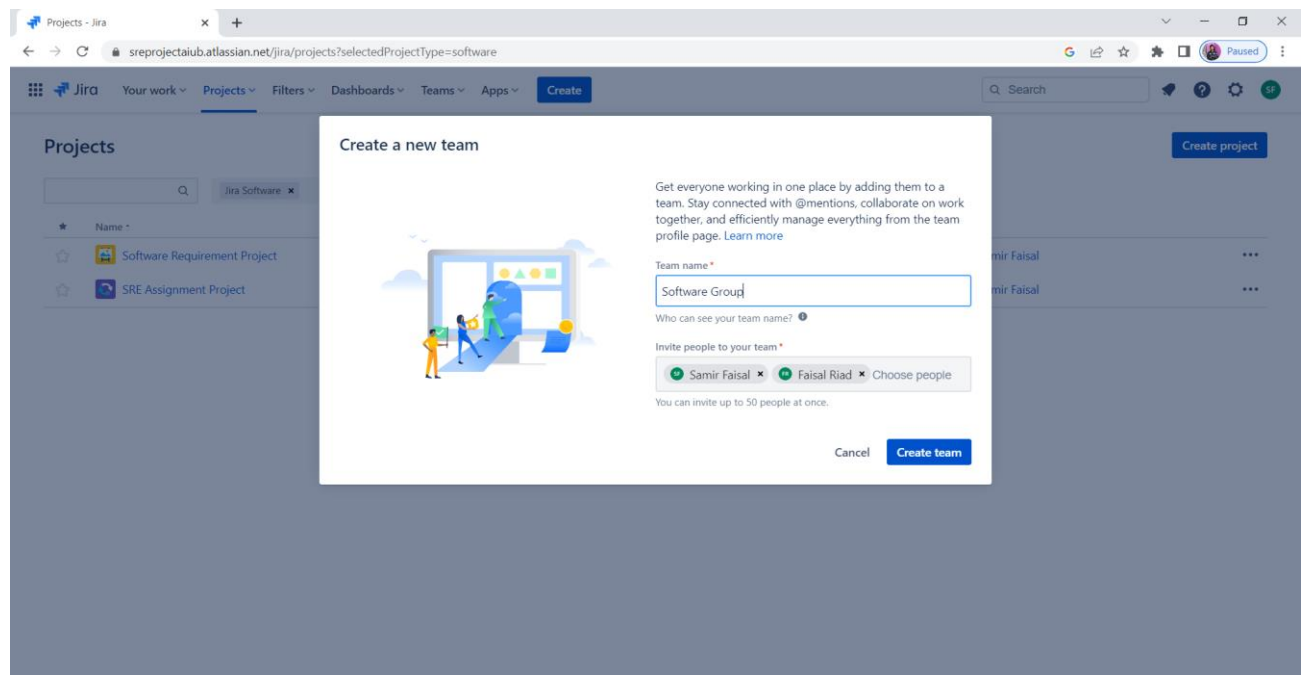Figure 8: Create a team those will work you together to complete the project.



Figure 9: Add team member and Group name

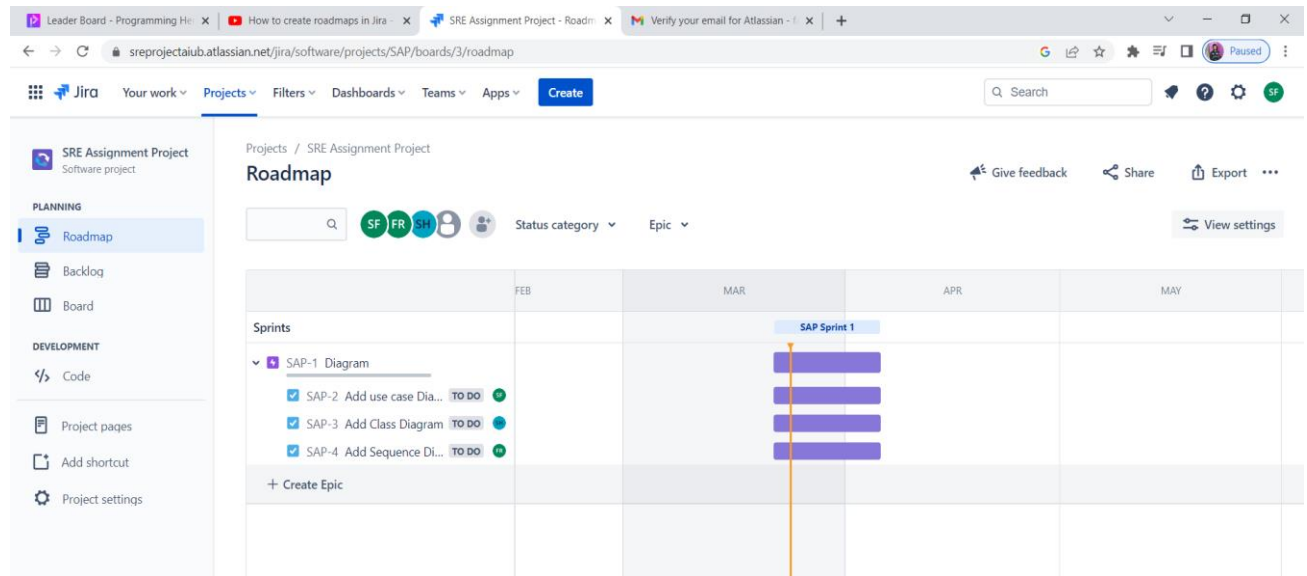Figure 9: Give the group name and add members using their user name or email

Figure 10: Create Roadmap for the project

Figure 10: Here we create the project roadmap, which means what is happening for the project. Create some tasks to complete the project within a sprint. The task submission expiration time can be created, and the task can also be assigned to the group members. Submission time members can add a comment and label.
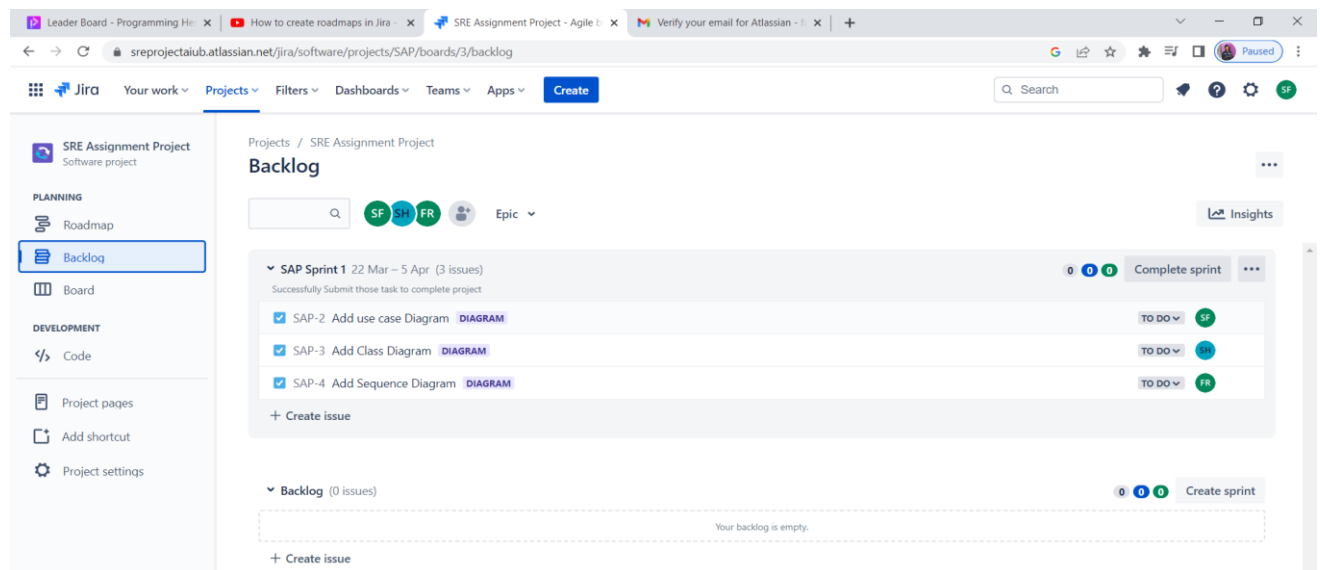


Figure 11: Backlog page

Figure 11: The task is displayed on the backlog page, along with its stage and who will be assigned to complete it.
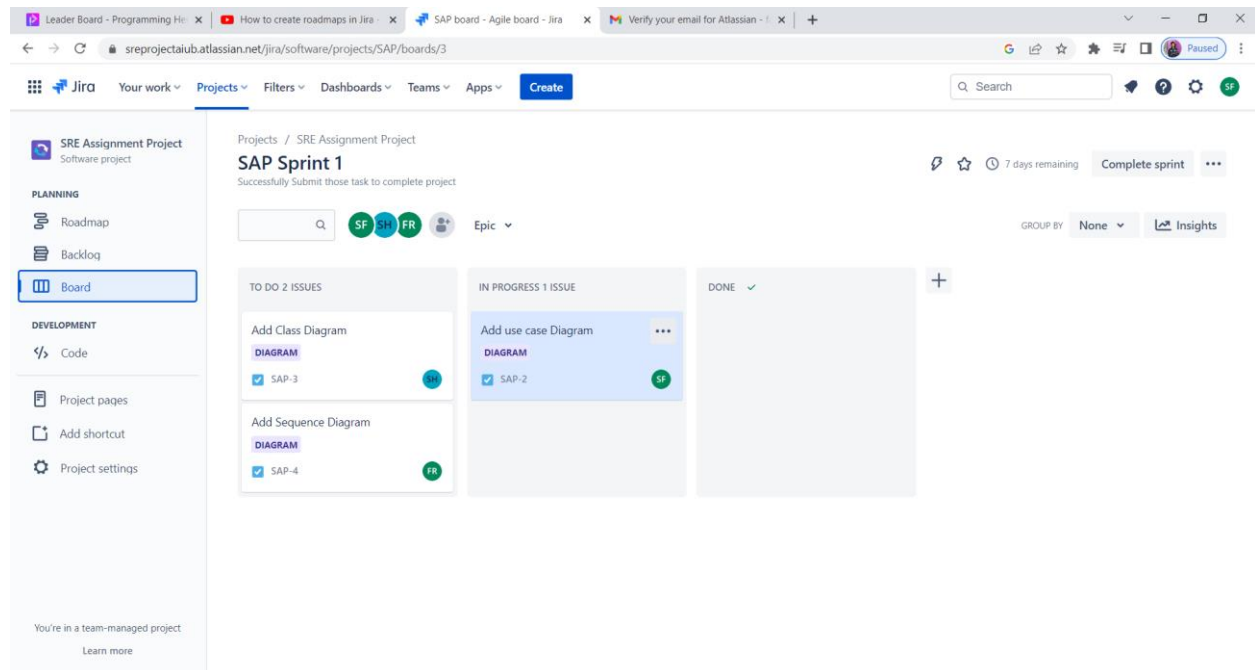
Figure 12:Board menu

Figure 12: In the board menu who will submit their task, firstly he will add the task to the progress issue.
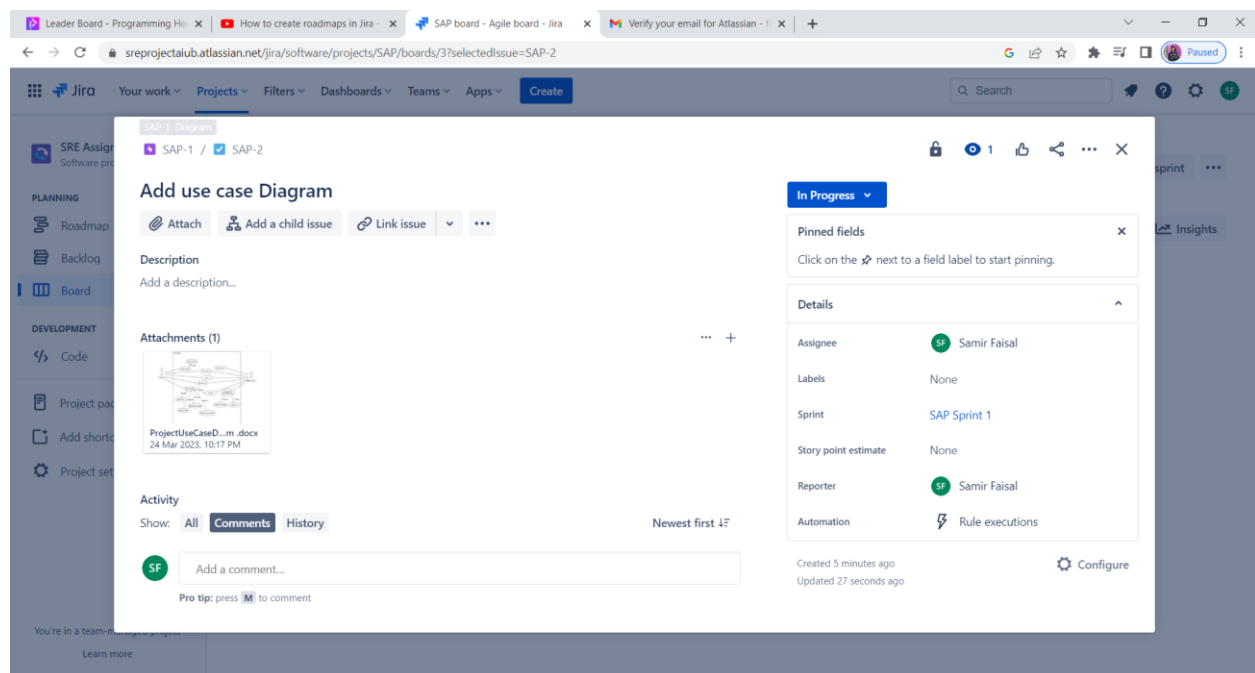


Figure 13:Attack the task

Figure 13: Click the progress task then show this type of interface, go to attach option and select the file according to the require file and if want can add labels and also do comment.
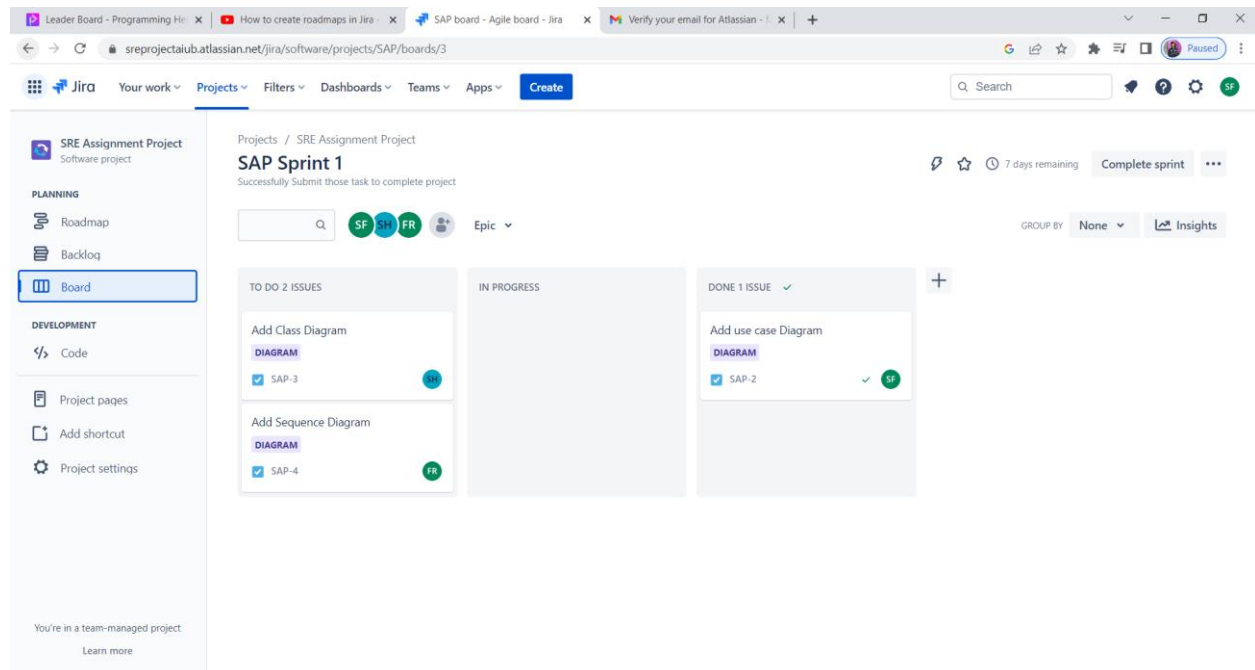
Figure 14: Task add to done issue section

Figure 14: After complete to attach file we should change the issue in progress state to done issue state
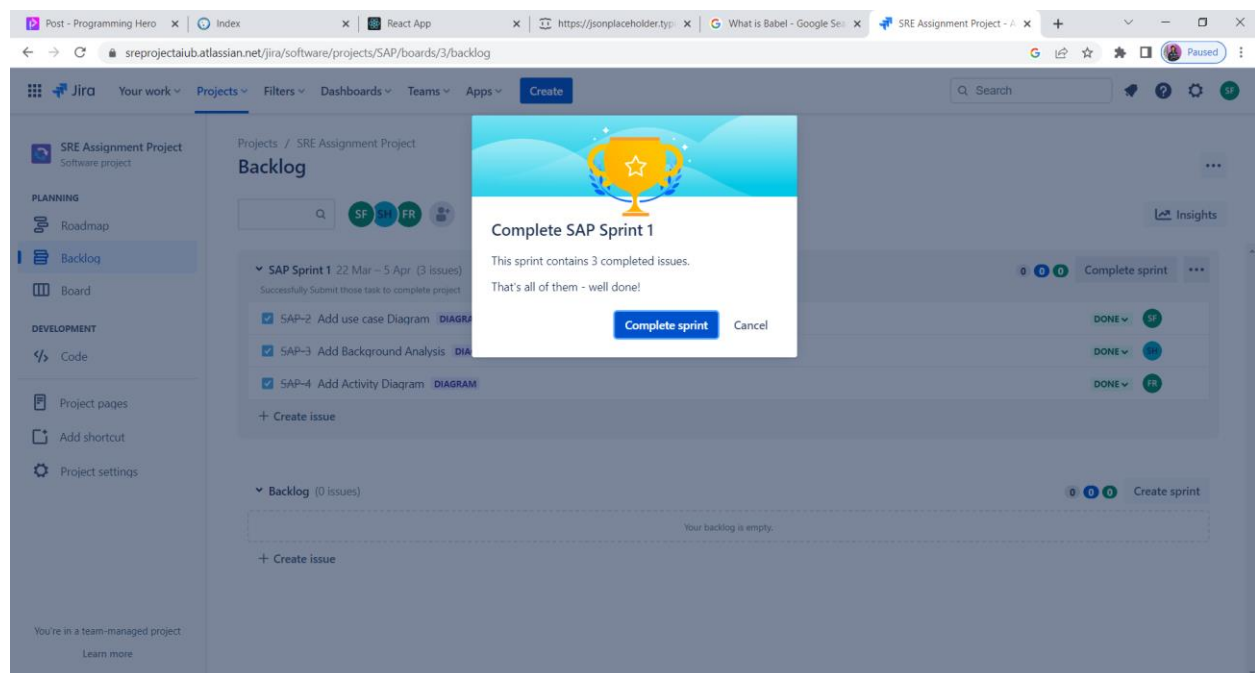


Figure 15: Complete the project

Figure 15: After complete all the task means submit all tasks then in the backlog section we should click complete the task. Then it show complete the sprint.
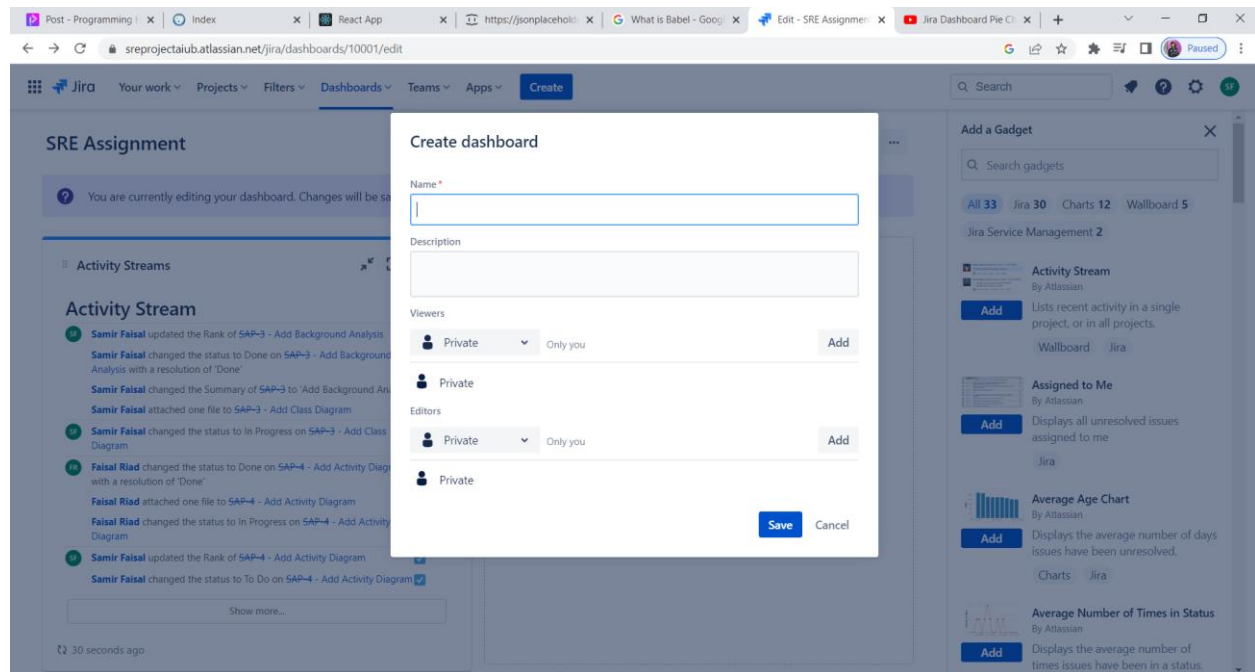
Figure 16: Create Dashboard

Figure 16: After complete the project admin can create a dashboard for the project where he can see the activity diagram, Pie chart depend on Assign, risk etc
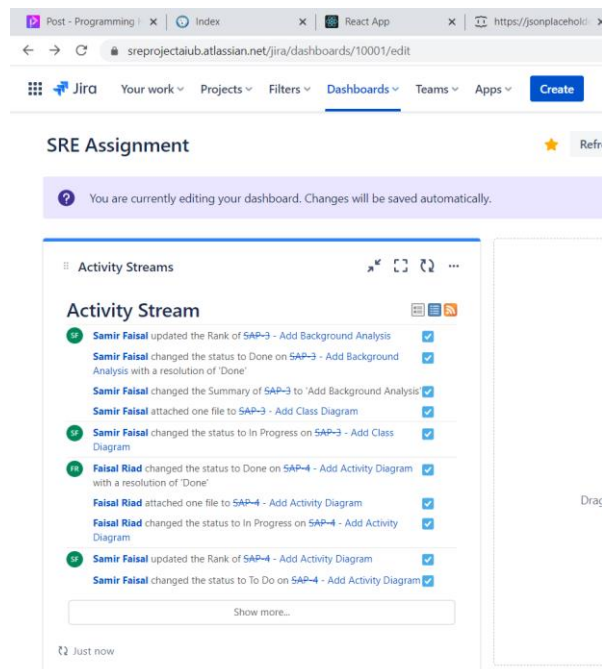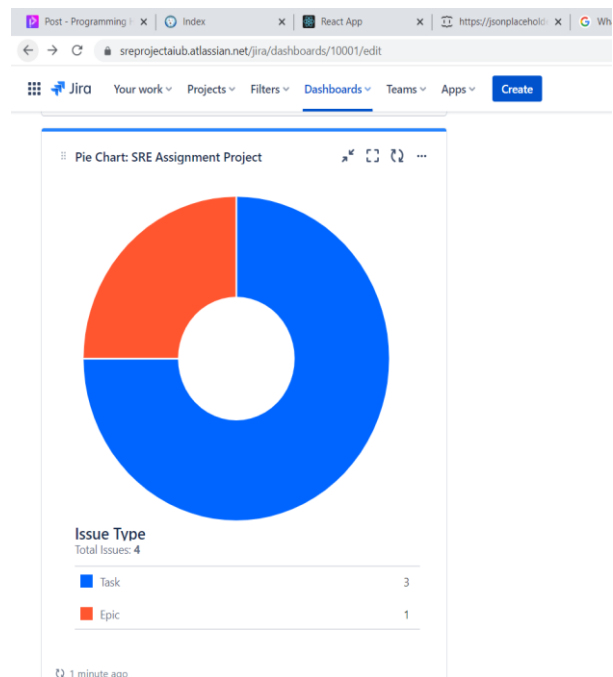


Figure 17: Activity diagram



Figure 18: pie Chart

Figure 17, 18: Here is the activity diagram and Pie chart to show the project management process created by admin.