

Agile Methodology and DevOps

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ASSIGNMENT 2

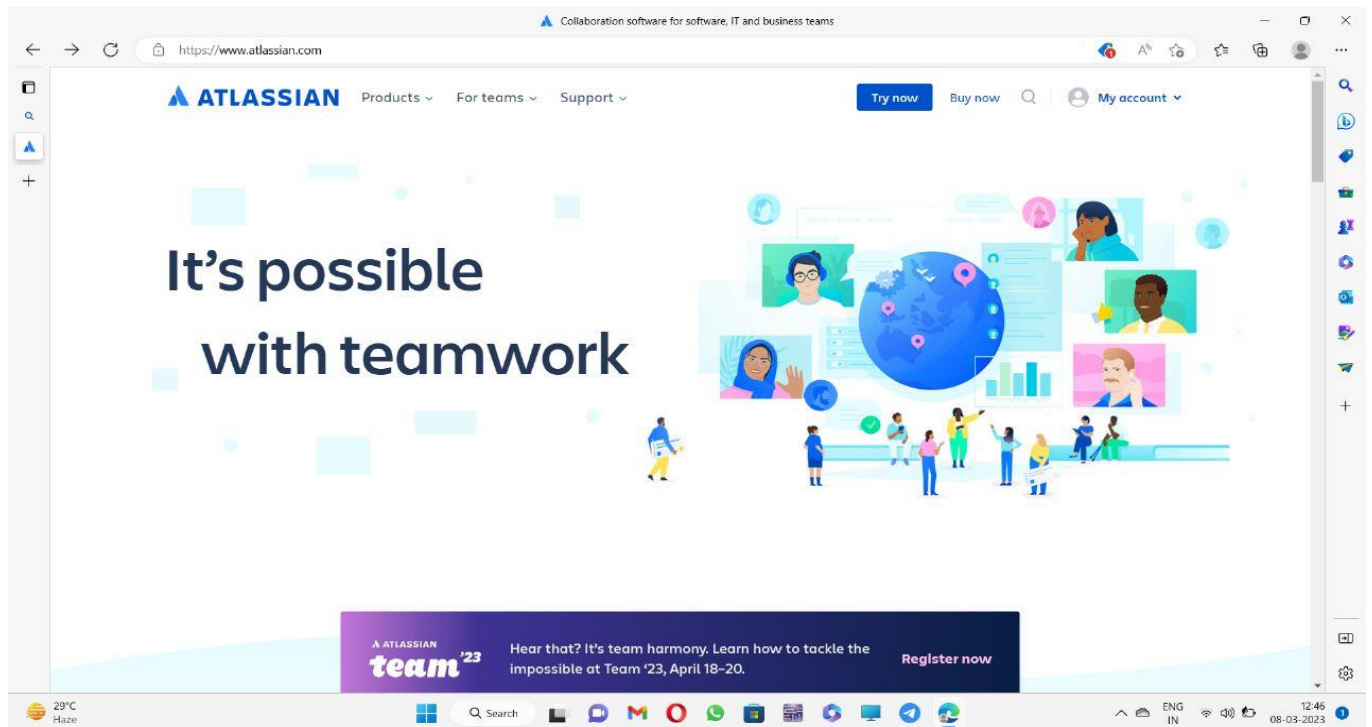
TITLE- Write a study write-up on Project Management tools. Explain the Jira tool in detail with screenshots.

Project management tools are useful software pieces that aid project managers and their teams plan, organize, and manage their tasks efficiently. They help individuals meet their deadlines and produce fantastic work in the end. These tools come in a broad range of shapes and sizes and with their relevant software through which they can be accessed. There is a list of 8 useful project management tools for the Gantt Chart, PERT chart, WBS diagram, calendar, project timeline, status table, HOQ, and mind map. Learn the advantages of each tool and know how it works.

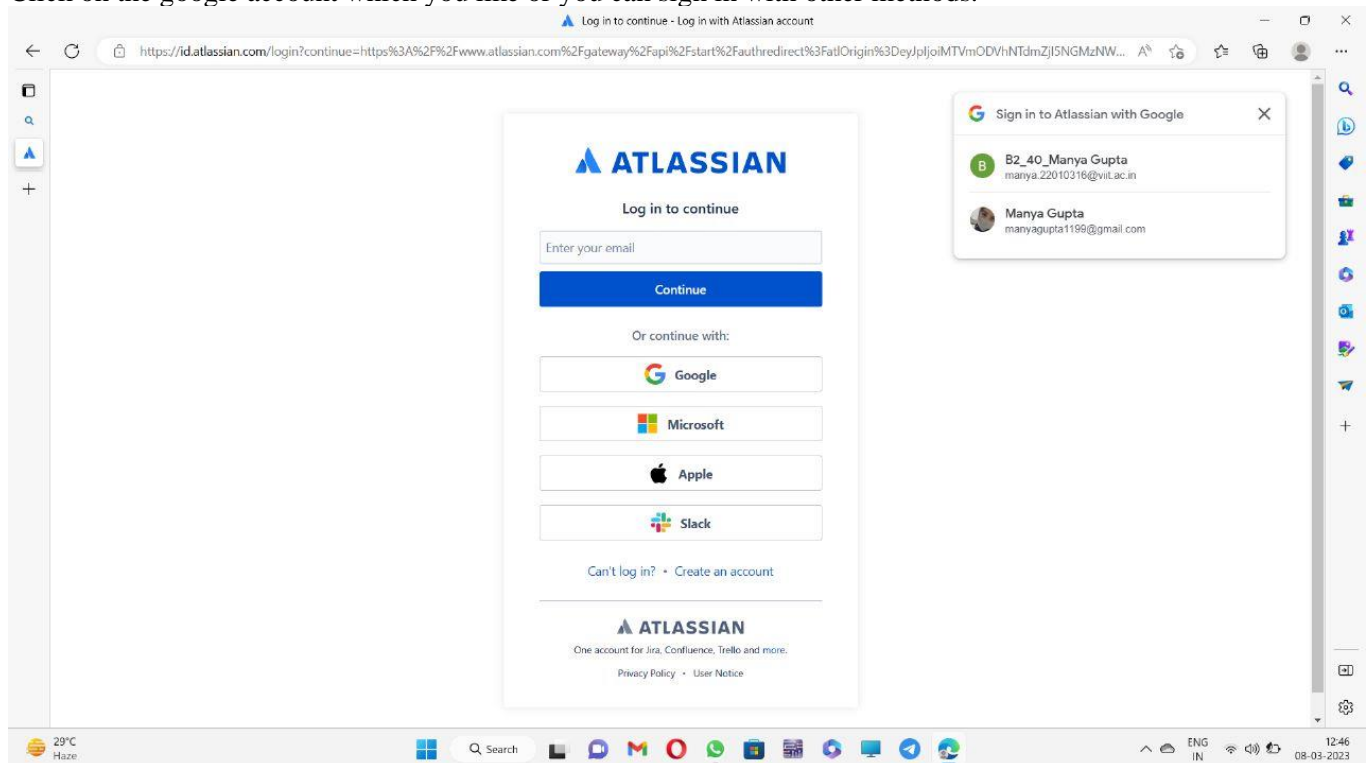
Here we will be studying Jira tools for project management, issue tracking & bug reporting. Jira is one of the most widely used tools by agile teams to plan, track, release, and support software products. Jira has many features and integrations that allow teams to customize it for their specific needs and preferences. Just a fun fact the name “Jira” is actually inherited from the Japanese word “Gojira” which means "Godzilla".

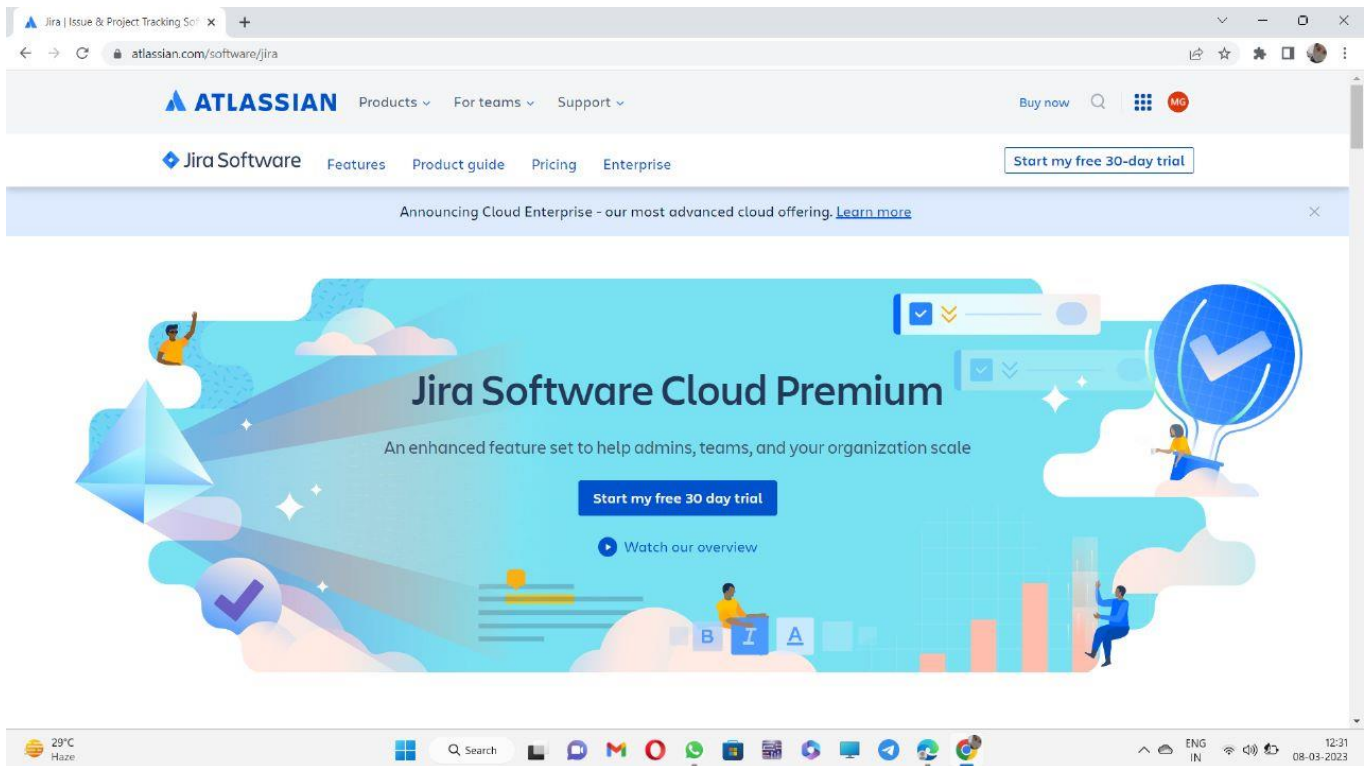
STEP BY STEP JIRA TUTORIAL

Go to [Jira | Issue & Project Tracking Software | Atlassian](https://www.atlassian.com) & click on my account.

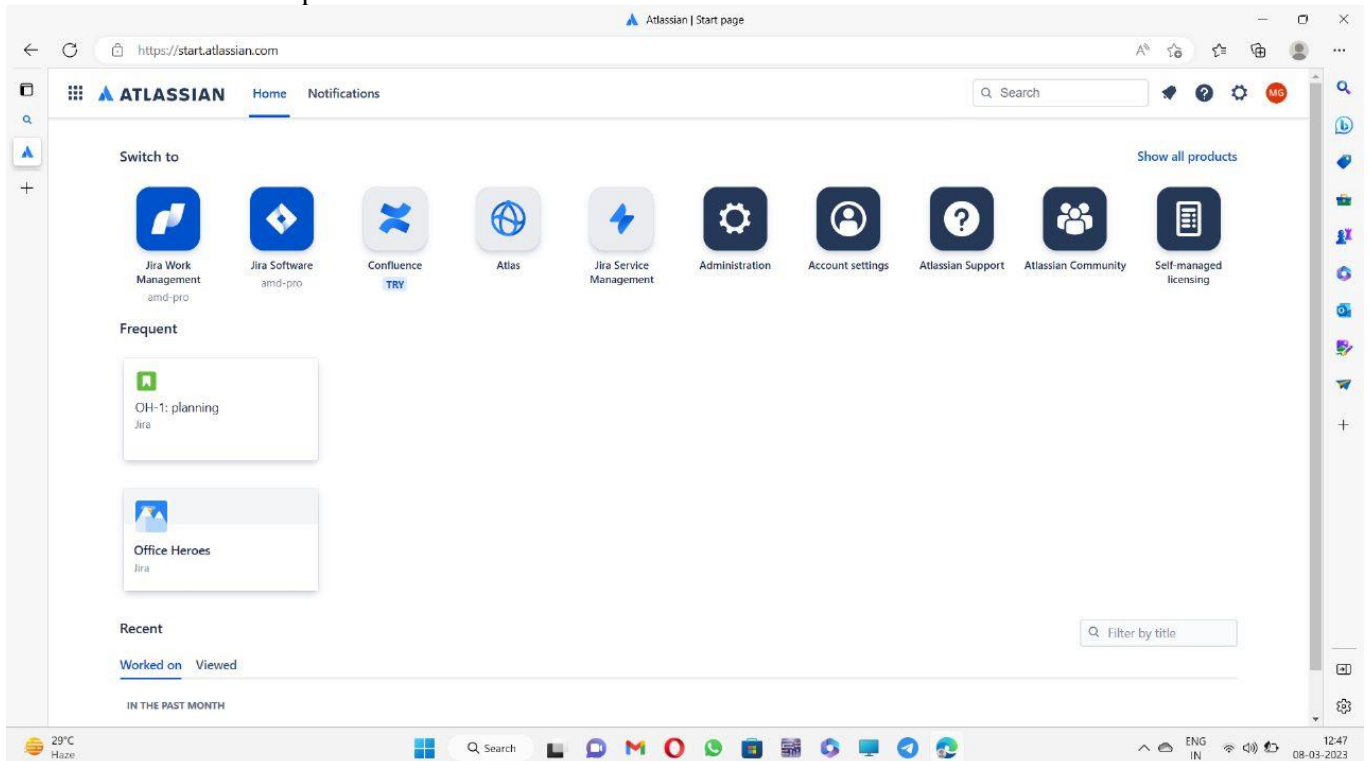


Click on the google account which you like or you can sign in with other methods.

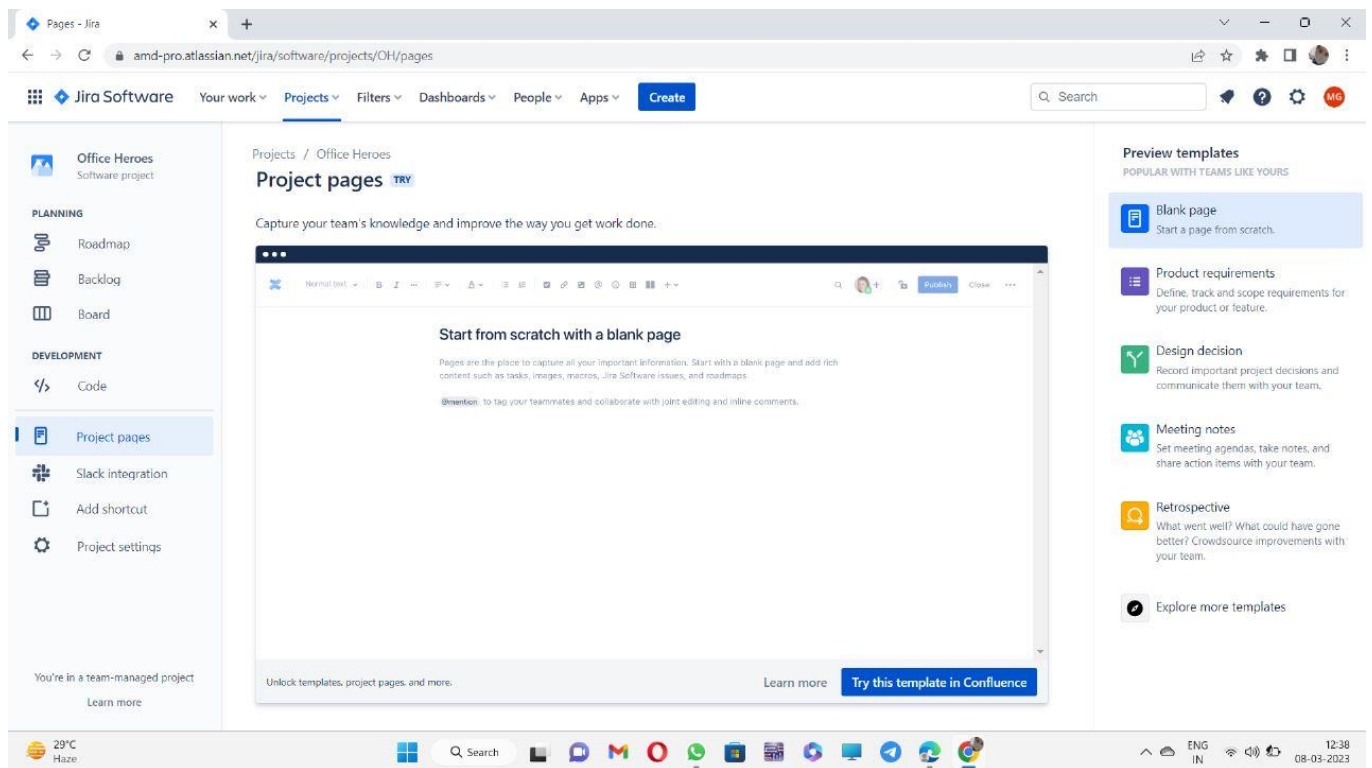




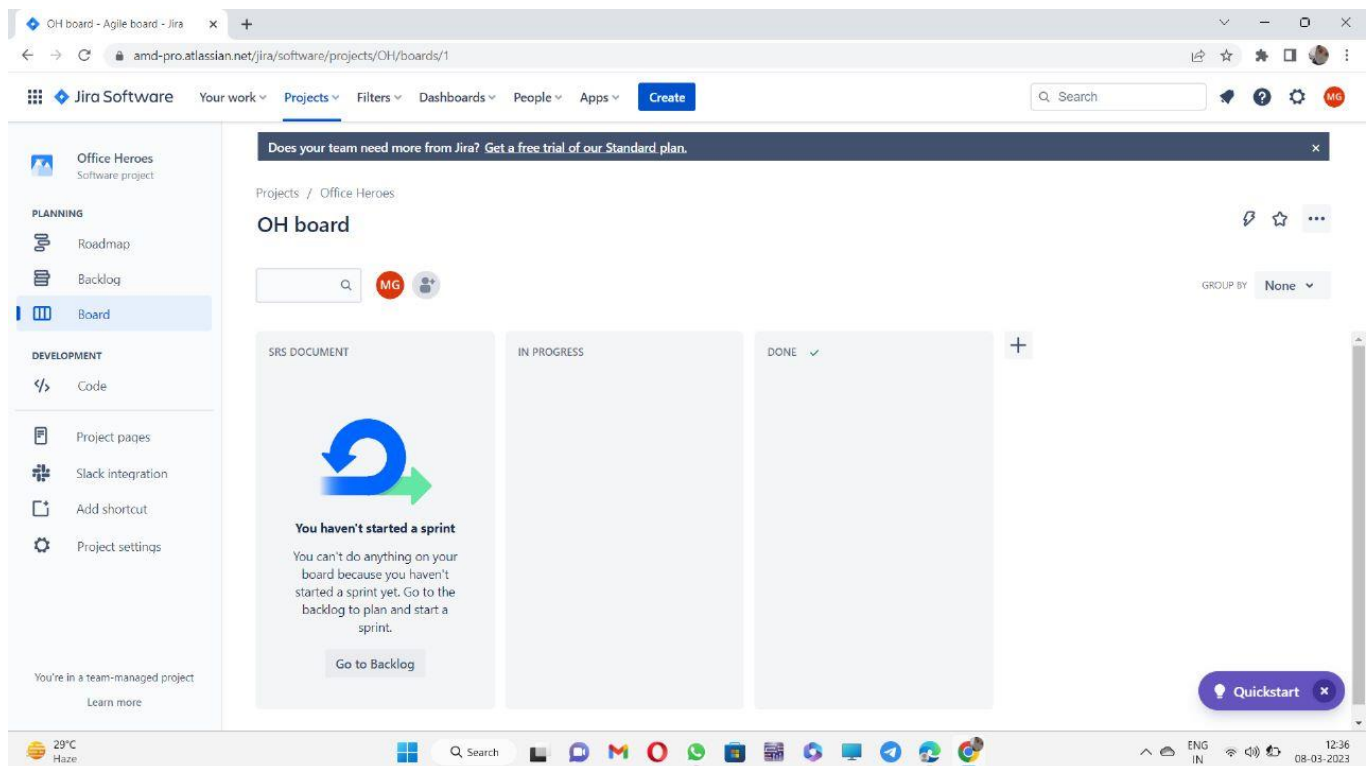
Then this screen shows up.



Go to create project & create a scrum project.



See like this window opens up.



Then go to project settings & apps then perform a slack integration.

The screenshot shows the Jira Software interface for the 'Office Heroes' project. The left sidebar contains navigation options: PLANNING (Roadmap, Backlog, Board), DEVELOPMENT (Code), Project pages, Slack integration (selected), Add shortcut, and Project settings. The main content area is titled 'Slack integration' and shows 'Connections (1)' and 'Channels connected'. Below this is an 'ADD NEW CONNECTION' section with 'Select workspace' and 'Select channel' dropdowns, and an 'Add' button. A table lists the existing connection:

Workspace	Channel	Notifications	Actions
office-heroes-group.sl...	#project-1	ACTIVE	Edit Mute Delete

At the bottom right, there is a 'Quickstart' button. The Windows taskbar at the bottom shows the date as 08-03-2023 and time as 12:37.

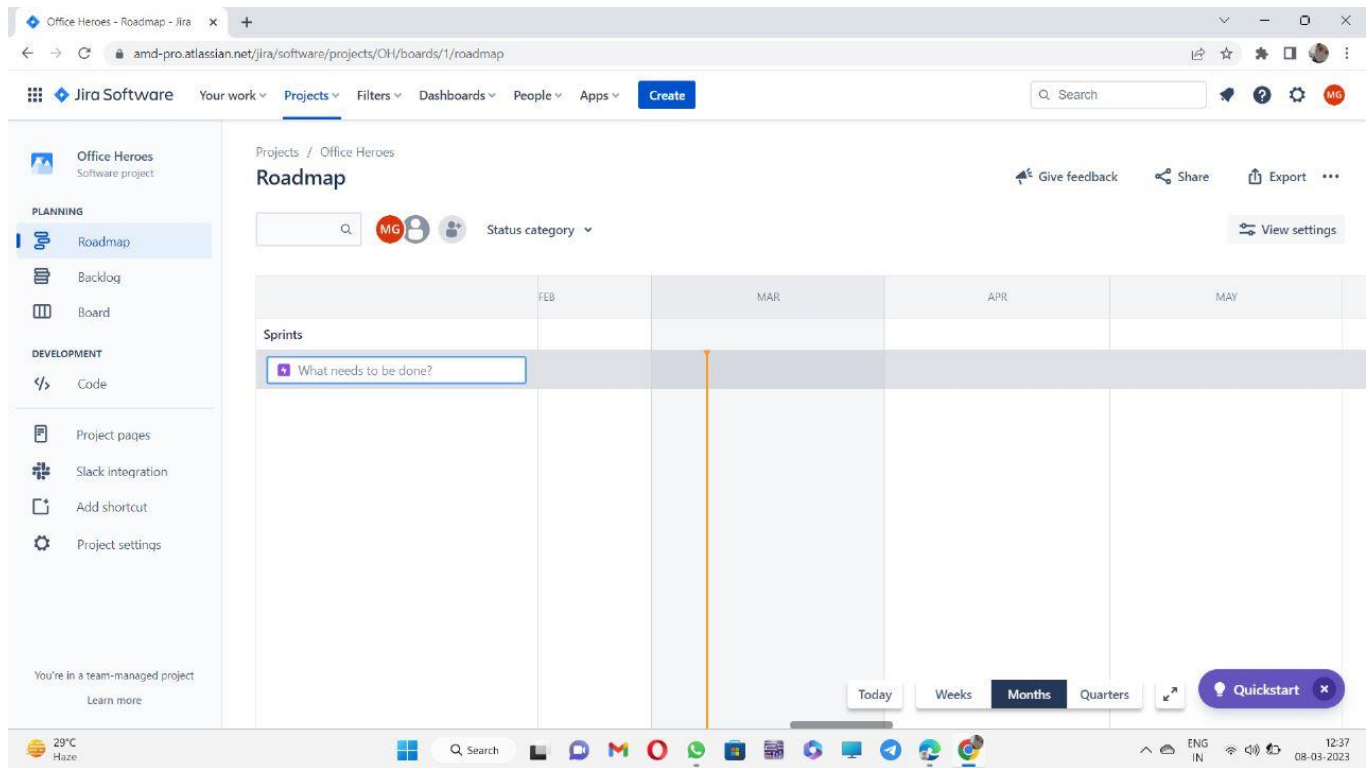
The backlog section shows us the sprints which is a important concept in scrum.

The screenshot shows the Jira Software 'Backlog' view for the 'Office Heroes' project. The left sidebar is the same as the previous screenshot, with 'Backlog' selected. The main content area shows a notification banner at the top, followed by the 'Backlog' title and a search bar. Below the search bar, there are filters for 'OH Sprint 1' and 'Add dates (1 issue)'. The backlog items are listed as follows:

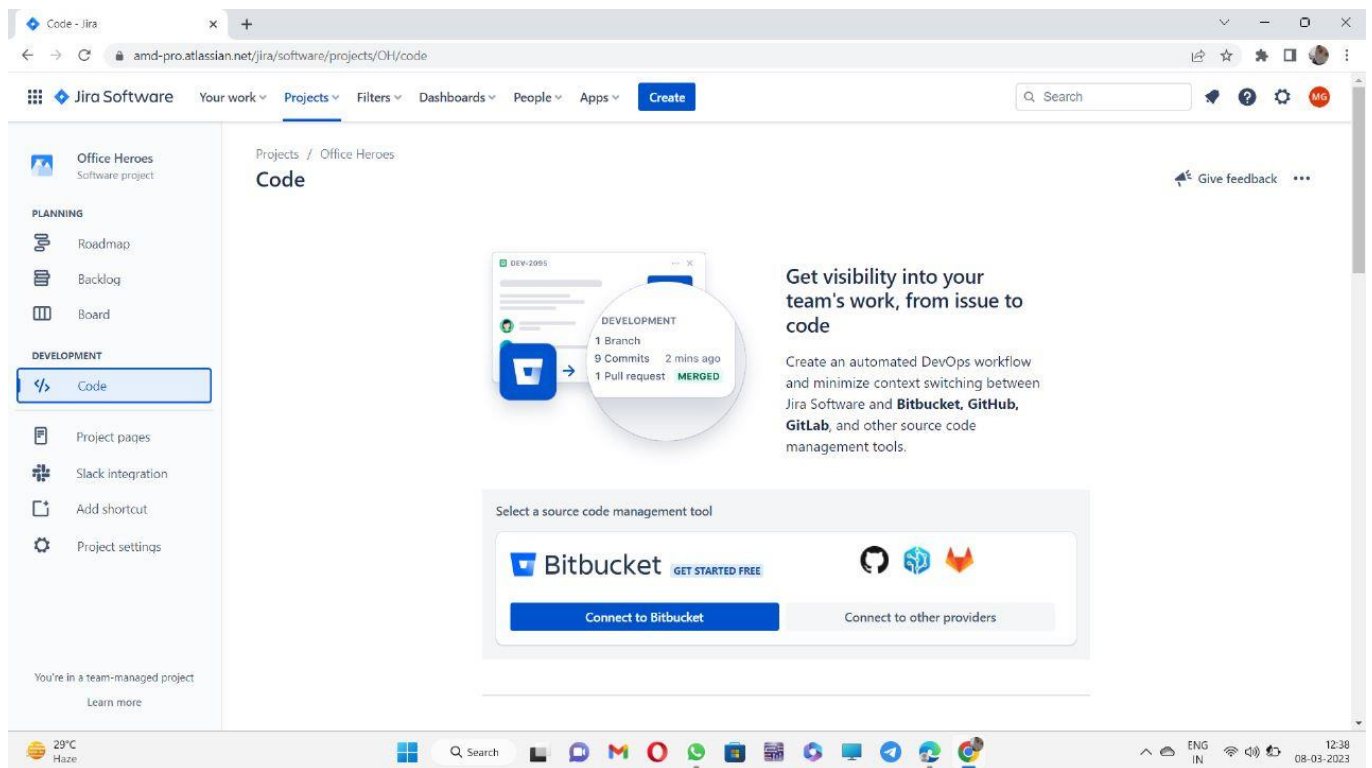
- OH-1 planning (SRS DOCUMENT) (KS)

Below the items, there is a 'Create issue' button. The bottom right corner features a 'Quickstart' button. The Windows taskbar at the bottom shows the date as 08-03-2023 and time as 12:37.

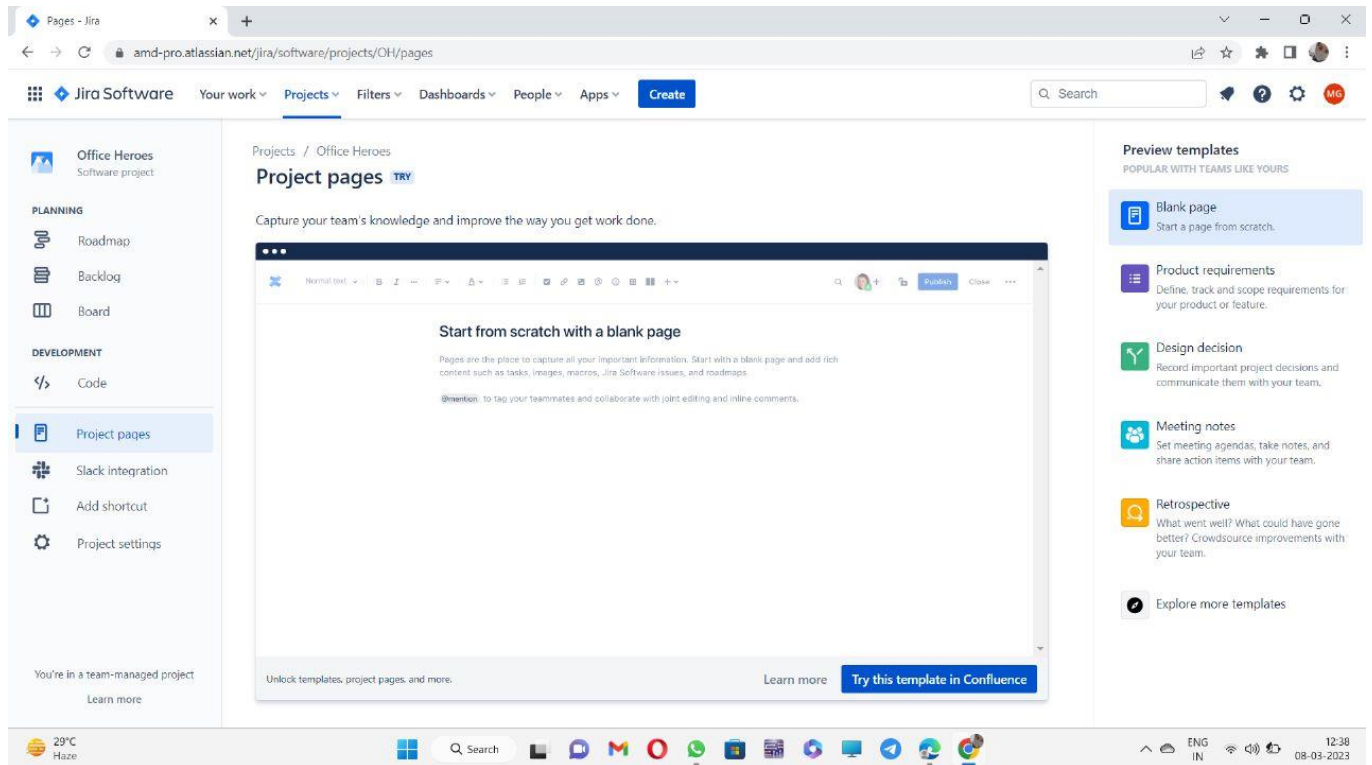
In the roadmap section we can basically plan our sprints.



In Development/code section we can integrate our github repo here it basically shows PRs here.



In project pages we connect to confluence (It is a software application that allows users to create, capture, and share dynamic pages on any project or idea) space or a certain page if we want.



Add shortcut helps us to link a frequently used resource or add a bitbucket/github repo to show branches.

