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About Jira Tools:

What is JIRA used for?

JIRA provides a centralized platform for managing tasks, bugs, and other types of issues, and it helps teams to organize and prioritize their work. JIRA is designed for **agile software development teams** and it supports multiple methodologies such as **Scrum, Kanban**, and **custom workflows.**

JIRA is used for:

- **Project Management:** JIRA provides a centralized platform for managing software development projects, with support for multiple projects and workflows.
- **Task Management:** Teams can create, assign, and track tasks, bugs, and other types of issues.
- **Agile Planning:** JIRA supports agile methodologies such as Scrum and Kanban and provides tools for planning and tracking sprints, backlogs, and releases.
- **Reporting and Dashboards:** JIRA provides various reports and dashboards that help teams to get a real-time view of their work and make data-driven decisions.
- **Collaboration:** JIRA allows teams to collaborate and communicate effectively, with features such as comments, notifications, and alerts.

Different Features of JIRA

- Scrum and Kanban Boards
- Roadmaps
- Bug and Issue Tracking
- Agile Reporting
- Custom Workflows
- Over 3000 App Integrations
- Audit Logs

Advantages of JIRA

- JIRA is a bug tracking tool that allows software developers to plan, track and work faster.
- JIRA is the main source of information for future software release. Developers can plan new features to be added and bugs to be fixed in the next release.
- Organize Documentation Tasks
- Track Documentation Progress
- Helps Meet Deadlines
- Provides Faster Feedback

- Integration Available with third-party software

Disadvantages of JIRA

- Restricted File Size Upload

- Reports generated are not re-usable

- Complicated User Interface

How to use JIRA?

Step 1: Creating an Atlassian Account
1. Go to the signup page of Atlassian and enter the required user credentials asked on the site and then click on the SignUp button.
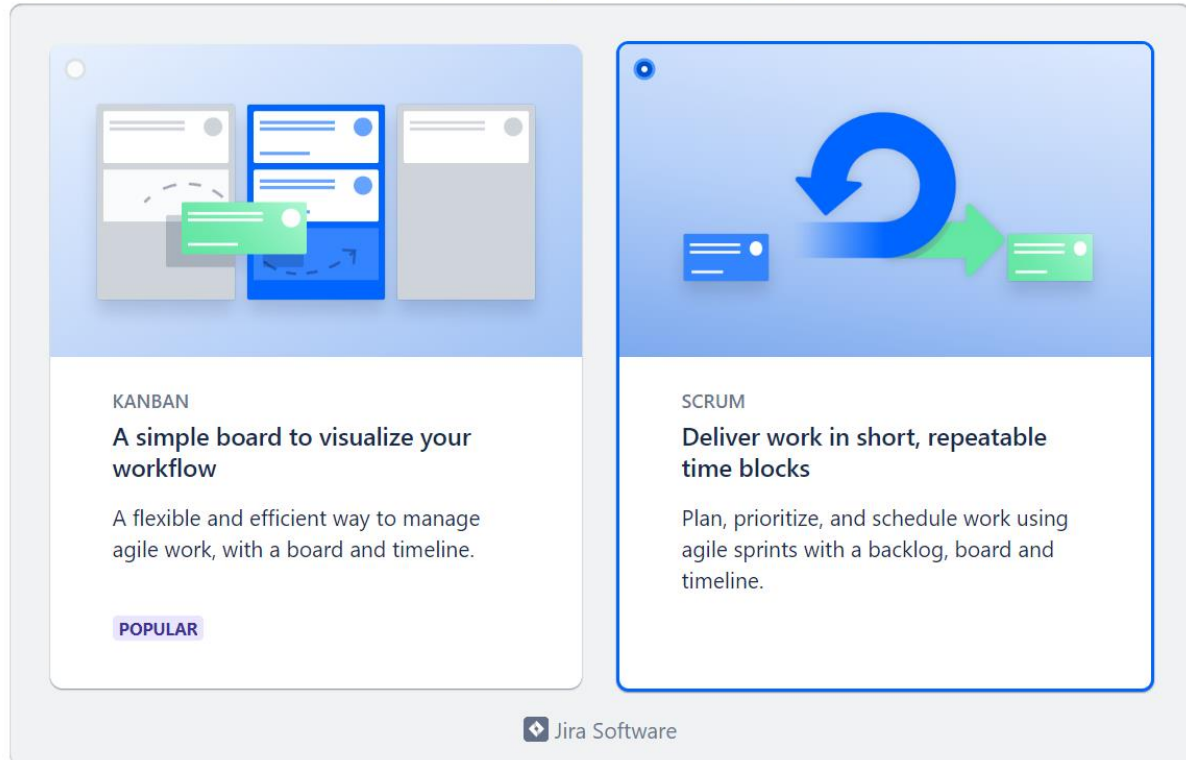

Step 2: Creating a new Project
1. Log in to your Atlassian account.
2. On the home page click on the **Jira software** and fill required details.

When we click on Agree button it go to below page .In this we select Scrum & click on next button.

Select a template for your first project

If you're not sure what to choose, don't worry. You can quickly create a new project if this one's not right for you.

KANBAN

A simple board to visualize your workflow

A flexible and efficient way to manage agile work, with a board and timeline.

POPULAR

SCRUM

Deliver work in short, repeatable time blocks

Plan, prioritize, and schedule work using agile sprints with a backlog, board and timeline.

Jira Software

After Click on next button it's go to
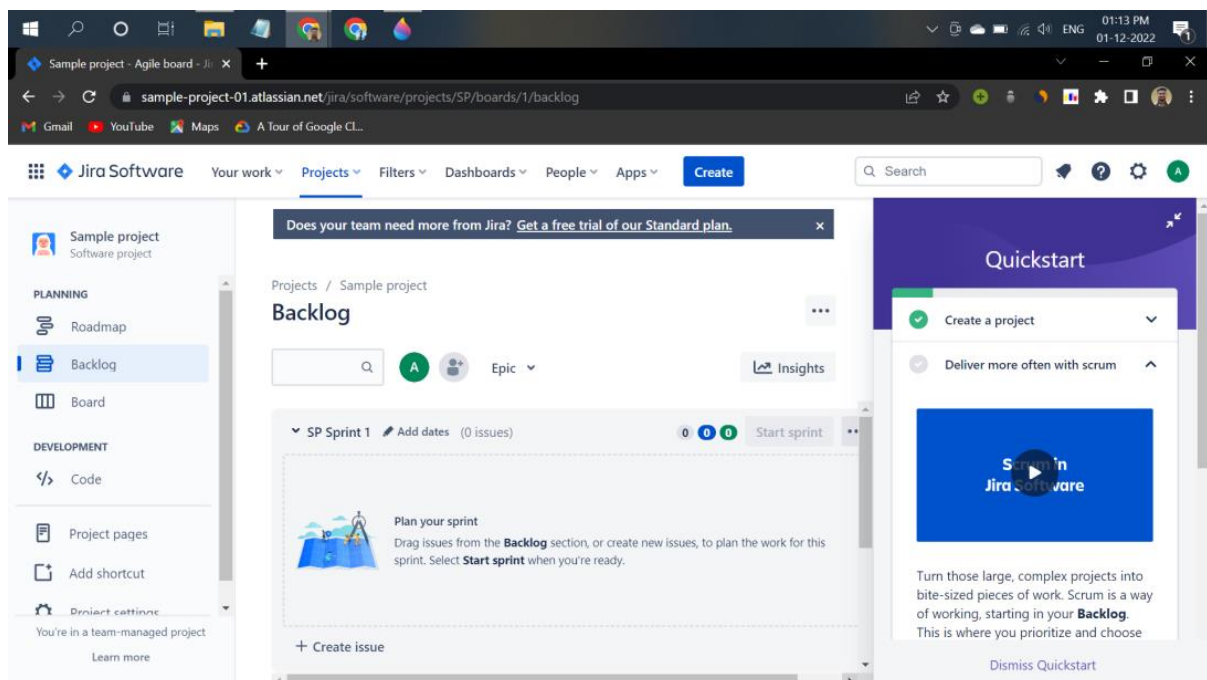
Four main sections are there:

- **Roadmap:** It is an action plan for how our project will evolve over time.
- **Backlog:** It is usually a list of issues describing what your team will be doing on the project.
- **Board:** It shows work to be done, work in progress, and work done.
- **Code:** In this, we can create an automated DevOps workflow and minimize context switching between Jira Software and Bitbucket, GitHub, GitLab, and other source code management tools.

Sprint Creation
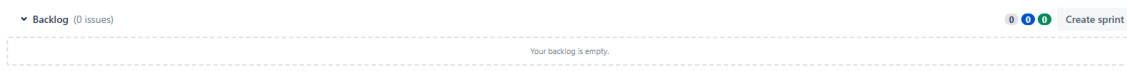
In above image when we click on create sprint . After that new sprint is created.
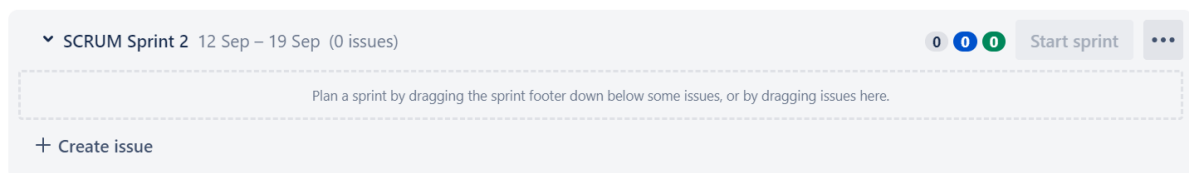
When we want to create any issue we click on Create issue after that it's showing some options like Task & Bug.

In this we can add Story, Task & Bug Report.
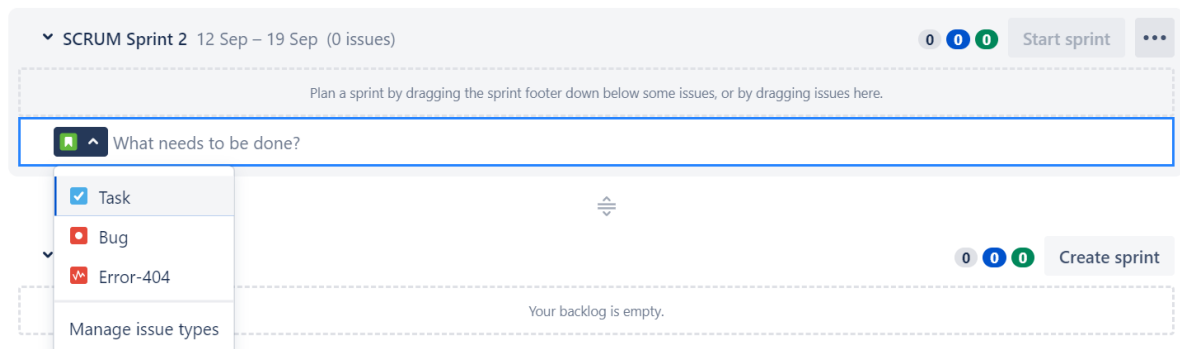
If we want to add new story

- click on create issue
- write name of that issue
- Click on Enter

Below image shows after create new story
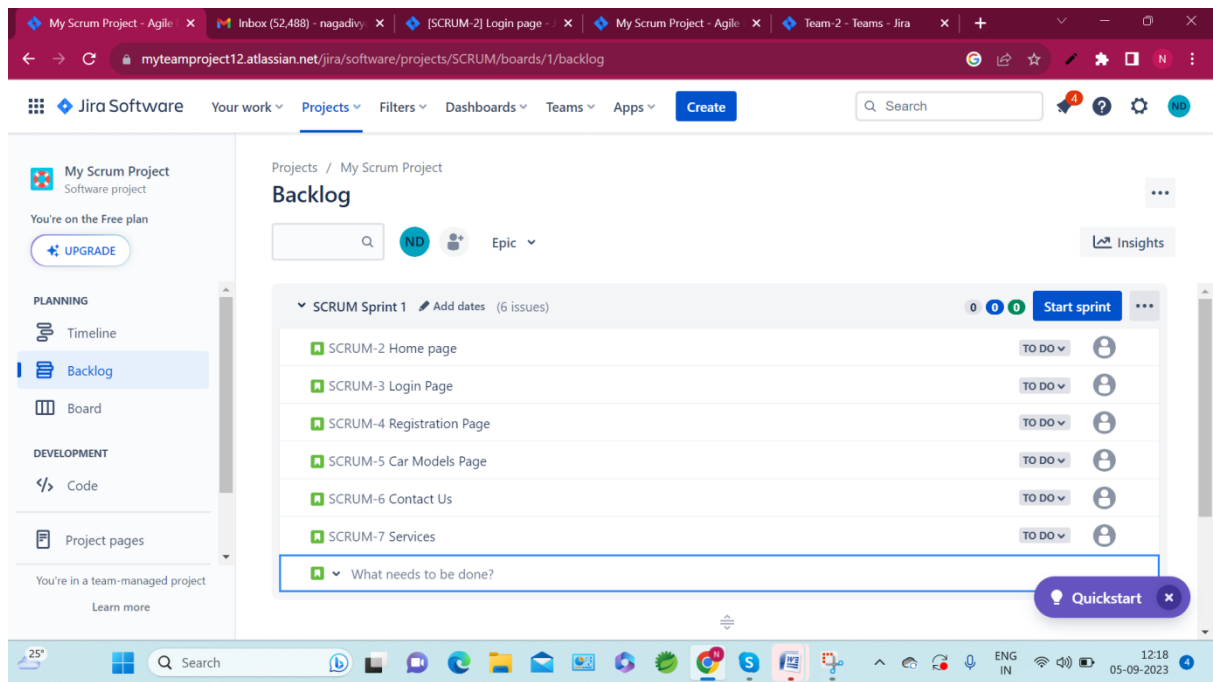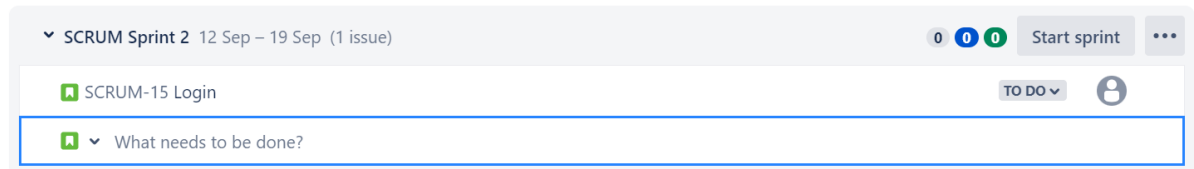
Add People to My Scrum Project

- Click on Add People
- After that add team members mail id's
- Click on Add button.

Create Sub Module

- click on Story
- click on Add a child issue
- Enter child issues name
- Click On Enter button

Below image shows sub modules of Home page .

Login Page sub modules.

Assign Work to team members & Give Priority to those storys.

- Click on story
- In details session click on assignee
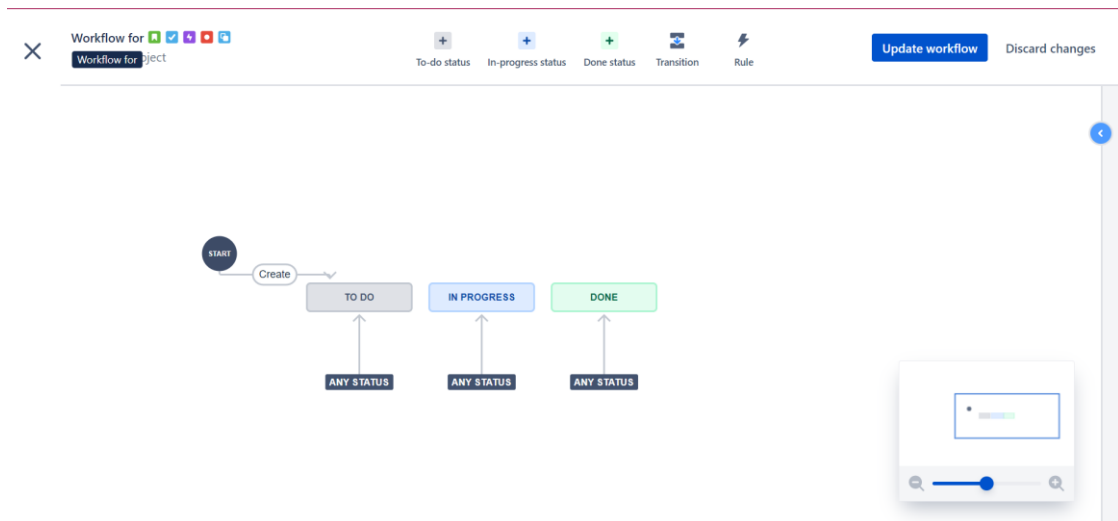- Click on Story point estimate

Below image shows after we assignee work & priority .
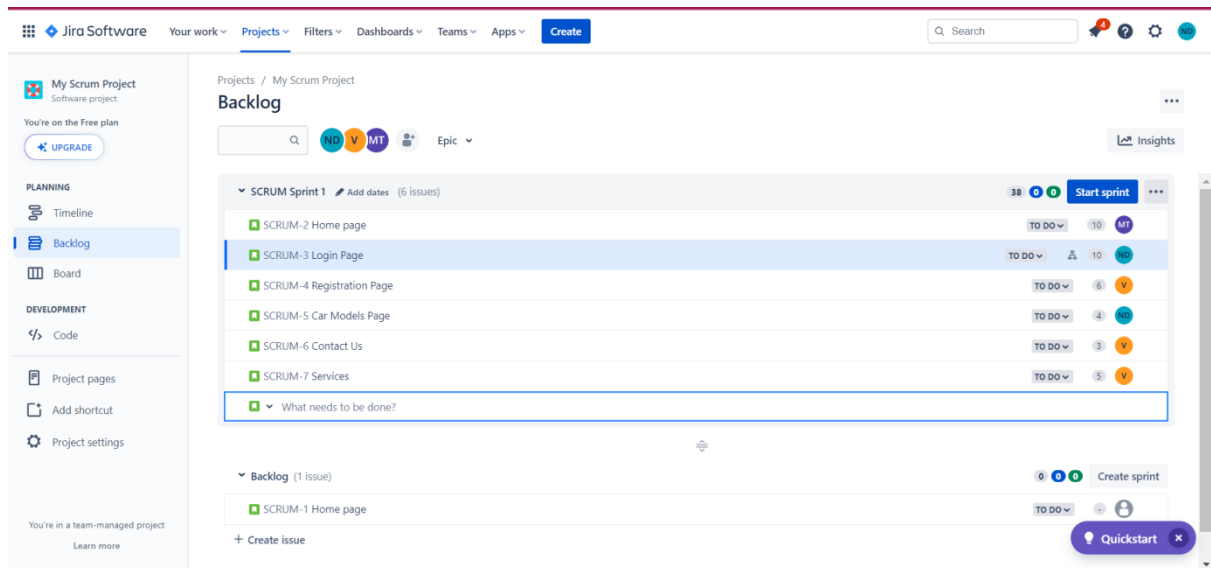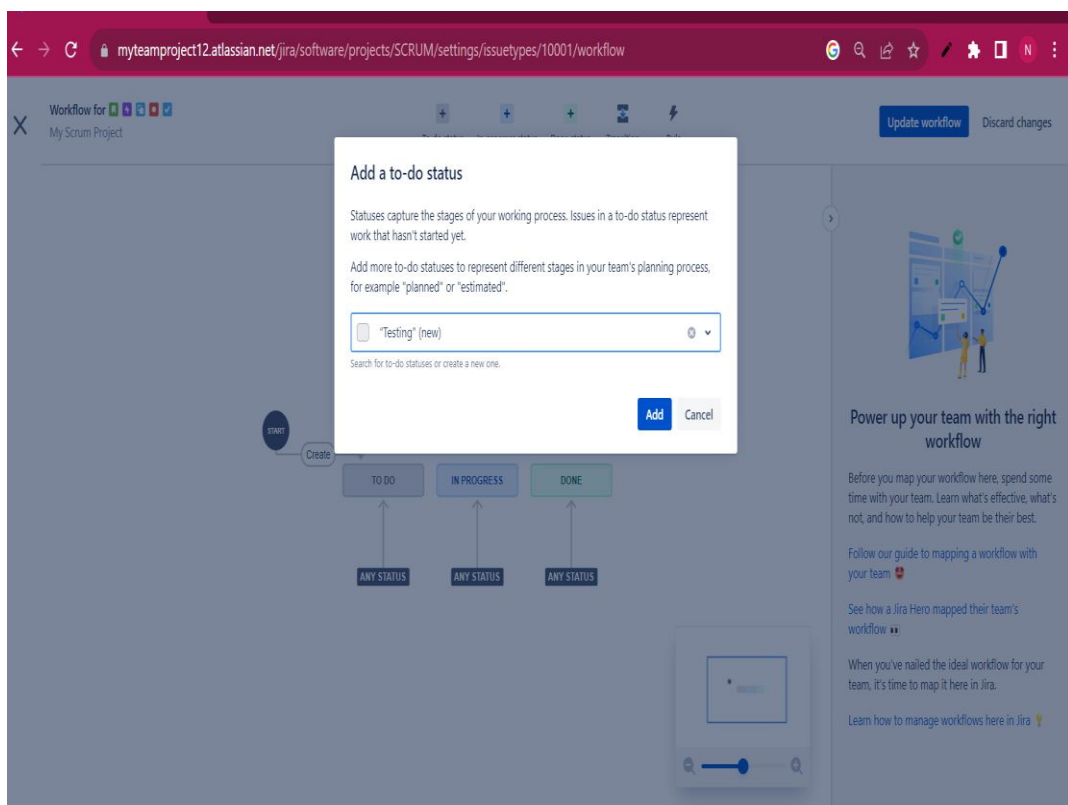

Work Flow Edit

- Click On To do
- Select View Work Flow option
- Click on Edit Work Flow
- Add new status click on To-Do-Status
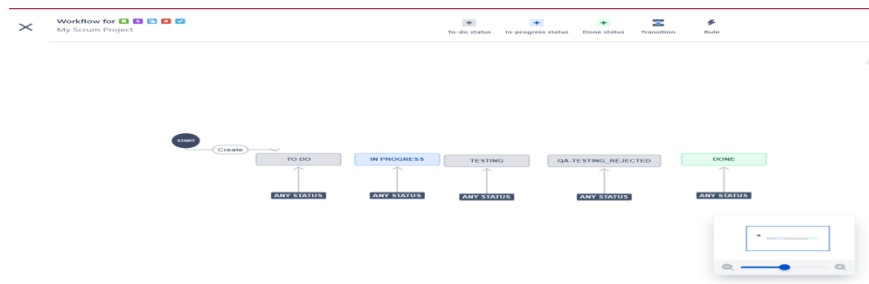- Enter name of To-Do-Status
- Click Add
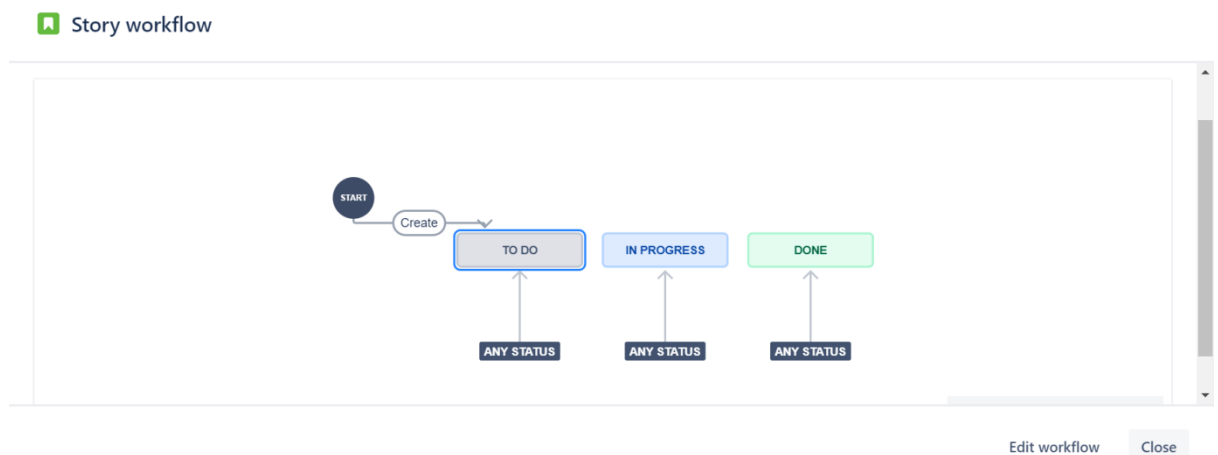
After Click on Edit Workflow

If we want to add new To-Do status . Click on To-Do Status .Give name & click add .

After adding new to-do status & adjust the work flow .

Click On update work flow.

Save workflow for selected issue types

Changes to this workflow will apply to the issue types selected.

If you create an additional workflow, you won't be able to add, edit, or reorder columns directly on your board. Instead, go to Project Settings > Board.

Select the issue types you want to copy this workflow to:

Bug ✕   Epic ✕   Story ✕   Subtask ✕   Task ✕

Save and continue   Cancel

After that Click On Save & Continue.

It is shows like below image.
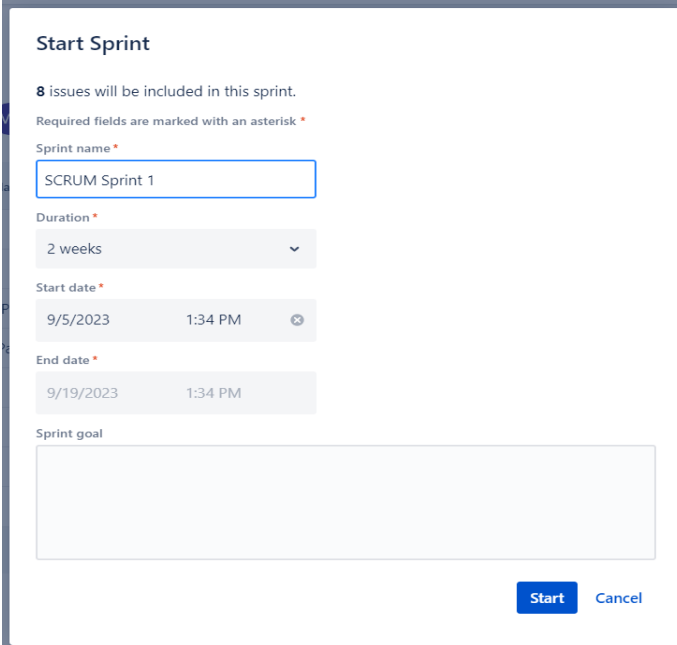
Start Sprint.

Click On Start Sprint

It shows below image
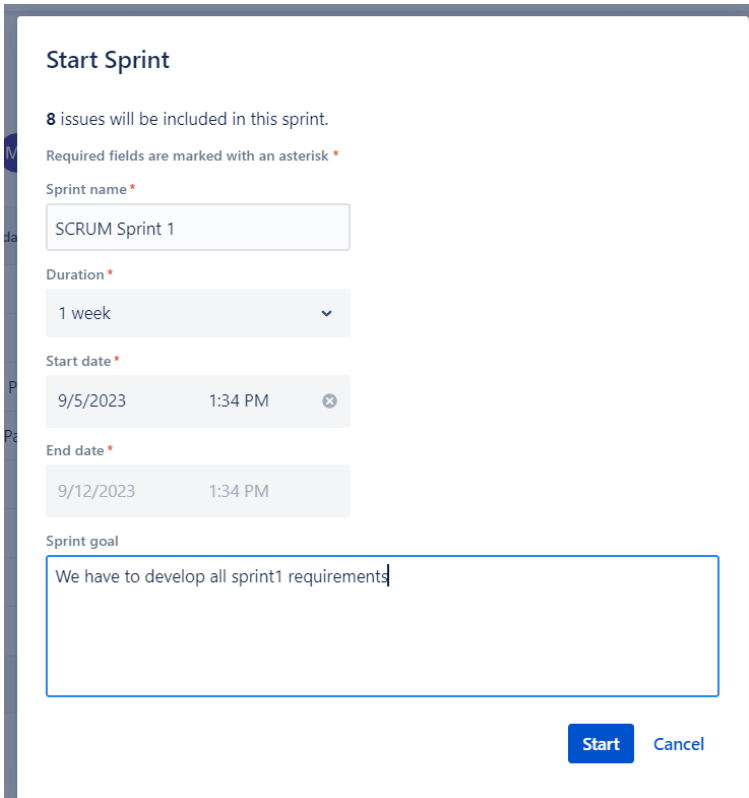
In this page we enter Duration time, Start date & Sprint goal.

After update the values .

Below Image shows before start sprint.
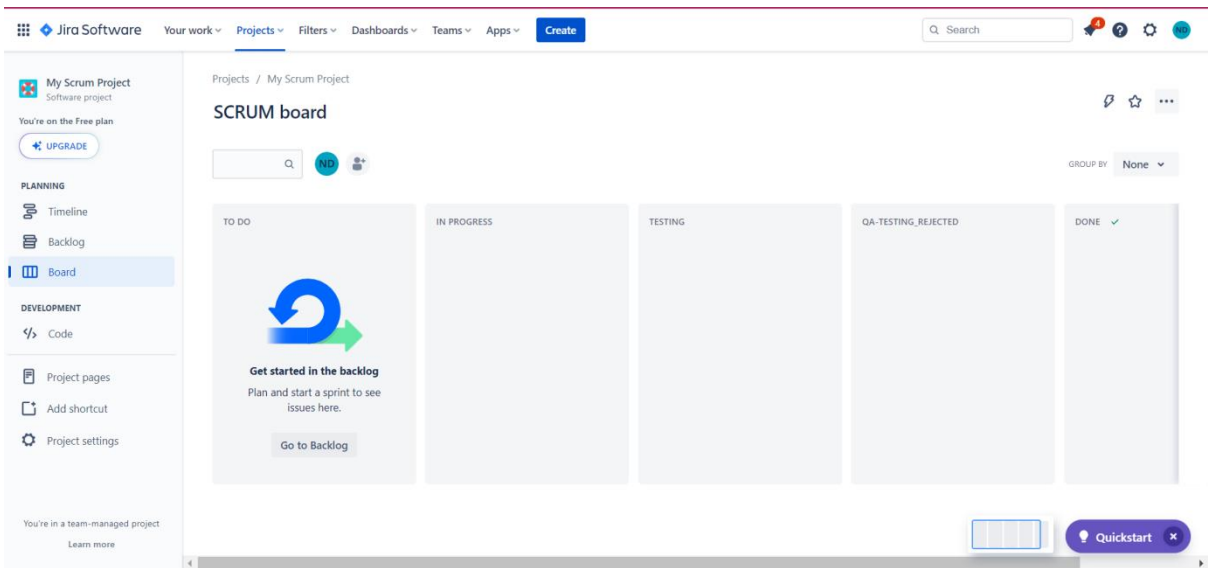
After start the sprint

After Update the status.