Agile Software Development (TCS 562)

Unit-II Agile Project Management
Jira for Agile project Management

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Getting started with Jira by 6 basic steps

Step 1 - Create a project

Step 2 - Pick a template

Step 3 - Set up your columns

Step 4 - Create an issue

Step 5 - Invite your team

Step 6 - Move work forward

Step 1 - Create a project

- In the top-left corner, click the Jira home icon
- In the top-right corner, select Create project.

Step 2 - Pick a template

- The Jira template library houses dozens of templates across a variety of different categories, and is designed to get your team started quickly and successfully.

- You can choose a template from all the Jira products you own (Jira Software, Jira Service Management, and Jira Work Management). Today, Jira Software offers three templates:

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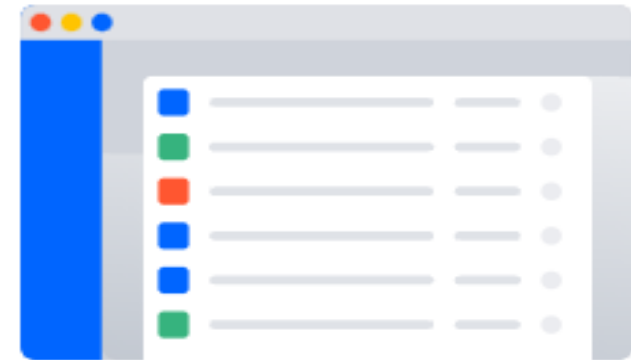
Pick a template contd...

SCRUM

For agile teams that work from a backlog, plan and estimate their work in sprints, and deliver work on a regular schedule.

KANBAN

For agile teams that monitor work in a continuous flow (rather than in sprints), with a focus on managing in-progress work. (Includes the option of a kanban backlog.)

BUG TRACKING

For teams that don't need boards and prefer to manage development tasks and bugs in a list view.

Project Types

- For the scrum and kanban templates only, you will also be prompted to choose a project type.

- ❖ Team-managed projects are suited for independent teams who want to control their own working processes and practices in a self-contained space.

- ❖ Company-managed projects are set up and maintained by Jira admins. This project type is designed for teams who want to standardize a way of working across many teams, such as sharing a workflow.

- The fundamental difference between the two project types is how they are administered, and whether that occurs at the team level or at a company/Jira admin level.

Step 3 - Set up your columns

- A board can display issues from one or more projects and visually represent a team's workflow.

- Boards provide flexible viewing to help manage issues and report on work in progress.

- How you setup the columns on your board in the scrum and kanban templates depends if you're in a team-managed (directly from the board) or company-managed project (in board settings).

Company Managed

- Although there are many things you can configure on your board, we suggest just setting up columns for now. When you're getting started on a new Jira Software project, it's important to make your board reflect the way your team works.

- If you're not sure what your team's workflow is or should be, here is a resource to set up board columns:

1. Navigate to your team's board by selecting Active sprints (for Scrum projects) or Kanban board (for Kanban projects) in the project menu on the left.

2. Select more (•••) > Board settings in the top-right corner.

3. Select Columns.

4. Select Add column to add a column for each step in your team's process.

For example, if work needs to pass through a QA step before it's considered to be complete, you could add a column called "QA" and put it before Done.

Company Managed

Team Managed

- The most important part about setting up your board is getting the columns right. Ideally, your board should reflect the way your team works. Select + to add a column to your board.
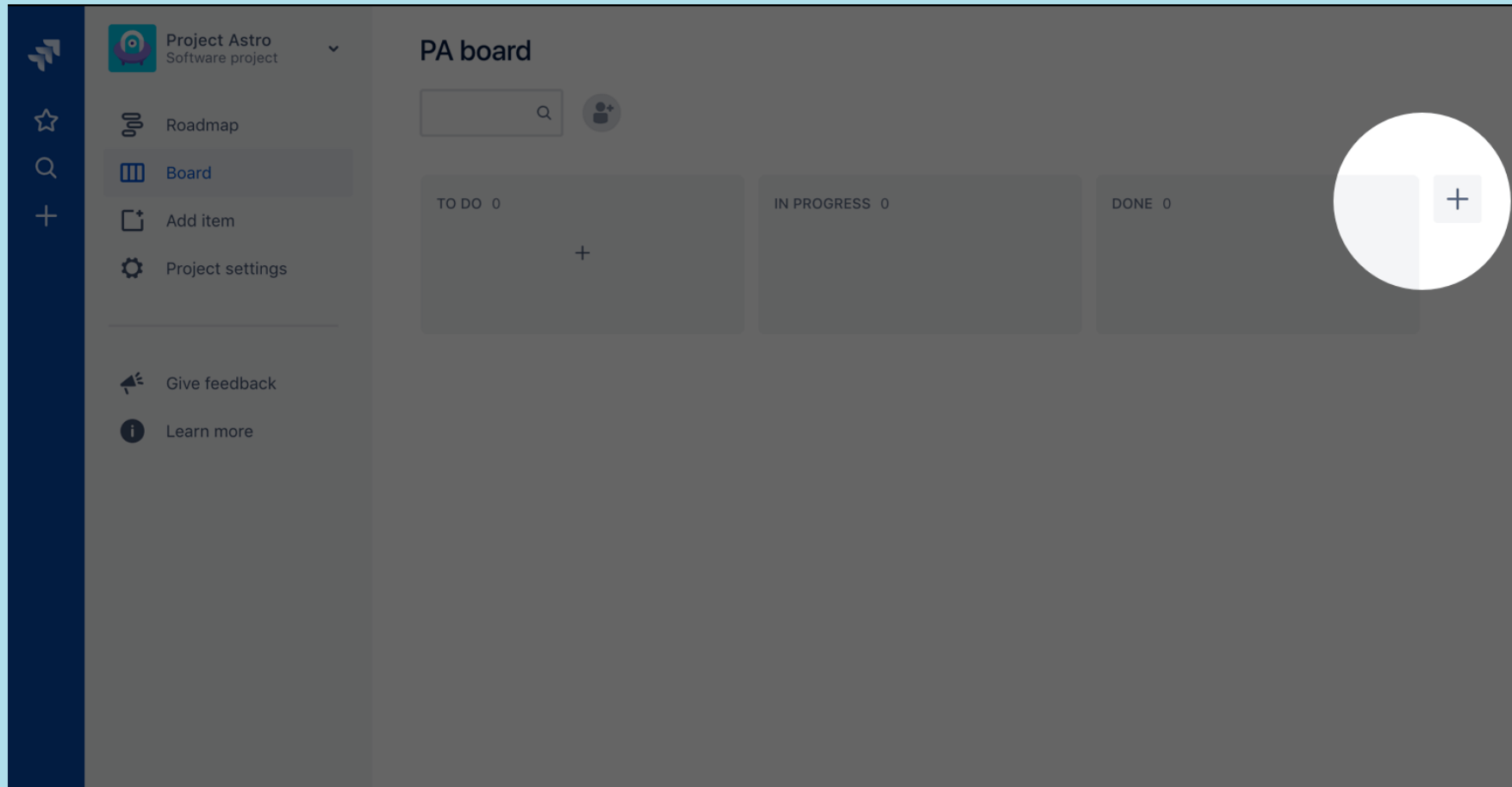
- Rearrange columns by dragging them in the order you want.

Step 4 - Create an issue

- Issues are the building blocks of your Jira Software project. An issue can represent a story, epic, bug, feature to be built or any other task in your project.

Company Managed

- Scrum and kanban are two frameworks for agile project management. In Jira Software, scrum vs. Kanban projects have different features to help teams that are using either framework.

- For Scrum teams: Select Backlog in the project menu on the left and then hit + Create issue to start adding work to your team's backlog.

Company Managed

Team Managed

- For Scrum teams: Select Backlog in the project menu on the left and hit + Create issue to add an issue to your backlog.

- You also have the option of adding an issue directly to the sprint, if that's what you prefer.

Team Managed

- For Kanban teams: Select Board in the project menu on the left, hover over any of your columns, and click +. You can also create issues on the Backlog, if you have it enabled.

- Both Scrum teams and Kanban teams can add large pieces of work on their **Roadmap**. The Roadmap is a place to visualize, plan, and manage work. Learn more about managing work on roadmap

1. In the project menu, select **Roadmap**.

2. Start typing, then hit enter to create your first epic.

You can then add smaller pieces of work to the issue. Hover over the epic. Click **+ Add a child issue**.

Step 5 - Invite your team

- It's time to get the party started! Once you have enough work represented on your board, start inviting team members.

- To get your team involved, start by adding each team member to your Jira site:

Company Managed

- In the project menu on the left, select Project settings.

- Select People.

- In the top-right corner, select Add people.

- Search for your team member's email address, and select Add.

Team Managed

1. Navigate to either your Board or Backlog.

2. At the top of the screen, select Add people.

3. Search for your team member's email address and select Add.

Team Managed

Step 6 - Move work forward

- Now that your team is in your Jira site, you're ready to collaborate and track work together. If you're in a scrum project, you'll need to create and start a sprint to begin tracking work.

- If you're in a kanban project, you can start tracking work on the board. To track work items, move an issue from one column to another as it progresses through your team's workflow.

Company Managed

- Make sure to leave comments on issues so that everyone on the team can follow what's going on; this creates an open way of working, instead of restricting communicating between two people via private emails.

Company Managed

Team Managed

Reference

https://www.atlassian.com/software/jira/guides/getting-started/basics?tab=#step-6-move-work-forward