JIRA SOFTWARE

# Introduction:

**Jira** is a proprietary issue tracking product developed by Atlassian that allows bug

tracking and agile project management. The product name is a truncation of *Gojira*, the Japanese word for Godzilla. The name originated from a nickname Atlassian developers used to refer

to Bugzilla, which was previously used internally for bug-tracking.

# Purpose of jira:

Jira Software is part of a family of products designed to help teams of all types manage work. Originally, Jira was designed as a bug and issue tracker. But today, Jira has evolved into a powerful work management tool for all kinds of use cases, from requirements and test case management to agile software development.

# Jira Software Uses:

Jira Software is a customizable workflow engine. It allows users to track issues, bugs, tasks, and other work items through a predefined workflow that can be modified to fit users’ requirements. Here are some of its use cases:

1. For bug tracking. Jira is primarily used for tracking bugs related to software and apps as they are being developed. It enables teams to find, record, and track bugs. It also provides a system to assign them to the right person or team at the right time.
2. For product/project management. As a product or project management software, it allows users to assign the needed tasks to complete the product/project. It also has tools such as views and reports that provide information about due dates and statuses. The team is able to collaborate with each other, provide feedback, as well as manage approvals for requests or changes.
3. Kanban software development. Jira includes flexible Kanban boards to give users full visibility into what has been done, what is currently being done, and what still has to be done. Using the Kanban system to develop software allows the team to properly prioritize their work, visualize the workflow, and minimize work-in-progress.
4. Scrum software development. Agile teams use it to develop software using the Scrum method. They are able to stay focused on their iterations at a fast pace. Customizable scrum boards enable them to deliver incremental value in an organized way.
5. For project tracking and management. Jira is a preferred project tracking and management software by software developers and IT teams. It supports both traditional and agile project management. It is centralized and highly customizable, and its workflows allow users to control the status of the project and how it transitions to other statuses, providing excellent tracking information.

# Who uses jira?

Jira Software is a work management tool for software teams that need to organize and track their work. Jira is incredibly flexible and can be customized to work with your team’s unique

workflow, not against it, meaning teams of all kinds can enjoy increased productivity and visibility as they march toward releasing amazing software and products.

# How will your team use Jira?

While you may hear “Jira Software” and be tempted to think it’s only for highly technical teams,

Jira’s flexibility makes it a great option for ANY team that needs a project management platform. And while it’s true that software development teams love Jira’s ability to support complex processes, non- technical teams love that they can start with a simple board and customize a workflow easily, out-of- the-box.

# Here are steps to set up your first project:

* Step 1 - Create a project- 1.In the top-left corner, click the Jira home icon.
  1. In the top-right corner, select Create project.
* Step 2 - Pick a template- Scrum, Kanban, bug tracking etc. We are using scrum template.
* 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.
* 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](https://www.atlassian.com/agile/project-management/epics-stories-themes), or any other task in your project.
* 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.
* Step 6 - Move work forward- Now that your team is in your Jira site, you're ready to collaborate and track work together.

In this way,the set up of jira for our project done successfully.

# Our outputs of jira:

Graphical user interface, application

Description automatically generated

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Description automatically generated

# Conclusion:

Jira is one of the best issue and project tracking software engineering tool available today, with great support for agile. It also offers thousands of plugins to extend its features, as well as various integrations are available for ease in communication. As we use jira for first time it was great experience for us.And very useful for tracking any software.