



# Jira Notes

## What is Jira?

Jira is a software product developed by [Atlassian](#) that allows bug tracking, issue tracking, and agile project management. Jira is used by a large number of clients and users globally for project, time, requirements, task, bug, change, code, test, release, and sprint management.

## Why Jira?

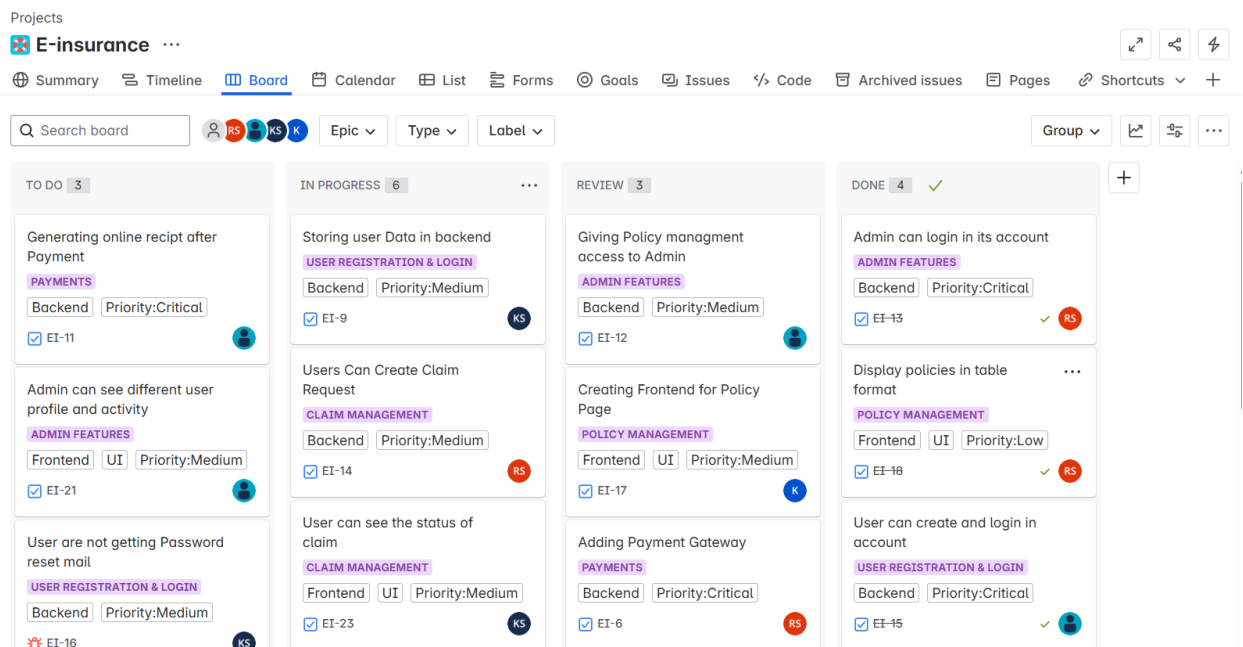
Back in the day, developers were struggling with scattered tools and email chains to keep track of bugs and tasks, as there were not enough tools to keep track of big projects. As projects have various parts that are being developed side by side, it becomes difficult to keep track of the tasks.

Atlassian wanted to fix this by making a central system to keep Track of bugs, assign tasks, and monitor progress. Originally, Jira was started as a bug tracker application, but over the years, it expanded and added various kinds of features. Nowadays days people like Software developers, Marketing teams, HR teams, IT support, or people with any workflow-based work use it in their day-to-day life.

# Jira Core Components

**Projects** – A project can be defined as a collection of tasks that need to be completed to achieve a certain outcome. In Jira, a project can be thought of as a container used to organize and track those tasks, or work items, across the entire team. Different Project Templates:-

- [Kanban template](#) visualizes your work using a powerful yet simple board. It's designed for teams that limit work in progress and focus on a continuous flow of work. The kanban template in Jira helps teams easily design, manage, and improve their workflow while providing transparency as work moves from to-do to done.



- [Scrum template](#) empowers teams to break down large pieces of work into more manageable pieces. It's designed for teams that deliver work on a regular cadence or work in short periods called sprints.

Projects

**example** ...

Summary Timeline **Backlog** Board Calendar List Forms Goals Issues Code Archived issues More 2 +

Q Search backlog RS Epic v

☐ EX Sprint 1 Add dates (4 issues) 0 0 0 Start sprint ...

<input checked="" type="checkbox"/> EX-1 Login mail issues user cant login	TO DO v	-	RS
<input checked="" type="checkbox"/> EX-2 Generating Online Receipt After Payment	TO DO v		RS
<input checked="" type="checkbox"/> EX-3 User Not Getting Password Reset Mail	TO DO v		RS
<input checked="" type="checkbox"/> EX-4 Display Policies in Table Format	TO DO v		RS

+ Create issue

4 issues | Estimate: 0

☐ Backlog (4 issues) 0 0 0 Create sprint

<input checked="" type="checkbox"/> EX-5 Storing User Data in Backend	TO DO v		RS
<input checked="" type="checkbox"/> EX-6 Storing user data in backend	TO DO v		RS
<input checked="" type="checkbox"/> EX-8 Giving policy management access to admin	TO DO v		RS

**Issues** – Everything in Jira (tasks, bugs, stories, epics) is an issue. It can be said that an issue is just a piece of work; it can be a Task, a bug, a story, epic.

Projects

**Kanban Project Practice** ...

Summary Timeline Board Calendar List Forms **Issues** Code Archived issues Pages Shortcuts v +

AI Basic JQL Q Search issues Project = Kanban Project Practice v Assignee v Type v Status v

More filters v Save filter

Created v

- Icons For Home Page
  - ☒ OPS-12 RS
- User Interface - Home Page
  - ☒ OPS-11 RS
- OPS-3 UI- Home Page
  - ☒ OPS-10 RS
- Home Page UI
  - ☒ OPS-9 RS
- User were not able to login

11 of 11

OPS-11

**User Interface - Home Page**

+ Add @ Apps

**Description**  
Add a description...

**Child issues** 100% Done

T...	Key	Summary	P...	A...	Status
<input checked="" type="checkbox"/>	OPS-9	Home Page UI	=	RS	DONE v
<input checked="" type="checkbox"/>	OPS-12	Icons For Home Page	=	RS	DONE v

To Do v Improve issue

**Pinned fields** X

Click on the x next to a field label to start pinning.

**Details** ^

Assignee  
Unassigned  
Assign to me

Labels

**Boards** – Visual representation of your project; can be Kanban or Scrum. A whiteboard where you move your tasks through stages.

Projects

**Kanban Project Practice** ...

Summary Timeline **Board** Calendar List Forms Issues Code Archived issues Pages Shortcuts +

Q Search board [Avatar] Epic Type Label Group [Icons]

TO DO 1	IN PROGRESS 2	IN REVIEW 2	DONE 2 ✓
<p>Not able to get password recovery mail</p> <p>USER AUTHENTICATION</p> <p>Backend Priority:Medium</p> <p>OPS-7</p> <p>+ Create issue</p>	<p>Credit Card Payment</p> <p>USER AUTHENTICATION</p> <p>Backend Priority:Critical</p> <p>OPS-6</p> <p>User were not able to login</p> <p>USER AUTHENTICATION</p> <p>Priority:High Backend</p> <p>OPS-8</p>	<p>User Login</p> <p>USER AUTHENTICATION</p> <p>Priority:High Backend</p> <p>OPS-4</p> <p>Password Recovery</p> <p>USER AUTHENTICATION</p> <p>Priority:High Backend</p> <p>OPS-5</p>	<p>Home Page UI</p> <p>USER INTERFACE - HOME PAGE</p> <p>Frontend Priority:Low</p> <p>OPS-9</p> <p>Icons For Home Page</p> <p>USER INTERFACE - HOME PAGE</p> <p>Frontend Priority:Low</p> <p>OPS-12</p>

**Workflows** – Define how an issue moves through statuses. Like how a task moves from start to finish: To Do → In Progress → Code Review → Done

TO DO 1	IN PROGRESS 2	IN REVIEW 2	DONE 2 ✓
<p>Not able to get password recovery mail</p> <p>USER AUTHENTICATION</p> <p>Backend Priority:Medium</p> <p>OPS-7</p>	<p>Credit Card Payment</p> <p>USER AUTHENTICATION</p> <p>Backend Priority:Critical</p> <p>OPS-6</p>	<p>User Login</p> <p>USER AUTHENTICATION</p> <p>Priority:High Backend</p> <p>OPS-4</p>	<p>Home Page UI</p> <p>USER INTERFACE - HOME PAGE</p> <p>Frontend Priority:Low</p> <p>OPS-9</p>

**Sprints** – Time-boxed iterations in Scrum. It is a short period, usually 1-2 weeks, where a team works on a set of tasks. At the end of each sprint, the work and goals are reviewed, and the next sprint is decided.

Summary Timeline Backlog **Board** Calendar List Forms Goals Issues Code Archived issues More 2 +

Q Search board [Avatar] **Complete sprint** [Icons] Group [Icon]

TO DO 1	IN PROGRESS 2	DONE 1 ✓
<p>Login mail issues user cant login</p> <p>EX-1</p> <p>+ Create issue</p>	<p>Display Policies in Table Format</p> <p>EX-4</p> <p>Generating Online Receipt After Payment</p> <p>EX-2</p>	<p>User Not Getting Password Reset Mail</p> <p>EX-3</p>

**Backlog**—A list of tasks or user stories to be completed, kind of like a to-do pile. From there, you will pick tasks for the current sprint.

The screenshot shows the Jira interface for the 'Beyond Gravity' project. The left sidebar contains navigation options under 'PLANNING' (Roadmap, Backlog, Active sprint, Reports) and 'DEVELOPMENT' (Issues, Components, Code, Security, Releases). The main area displays the 'Backlog' view for 'Sprint 3' (8 Dec - 19 Dec, 8 issues). The backlog items are listed with their IDs, titles, labels, and status. Below the main backlog, there is a section for 'Sprint 3' (8 Dec - 19 Dec, 4 issues) showing more items.

ID	Title	Label	Status	Assignee
NUC-344	Optimize experience for mobile web	BILLING	TO DO	2
NUC-360	Onboard workout options (OWO)	ACCOUNTS	TO DO	1
NUC-337	Multi-dest search UI mobileweb	ACCOUNTS	TO DO	5
NUC-339	Billing system integration - frontend	AWS SPIKE	TO DO	3
NUC-340	Account settings defaults	ACCOUNTS	TO DO	4
NUC-341	Quick payment	FEEDBACK	TO DO	2
NUC-342	Fast trip search	ACCOUNTS	TO DO	1
NUC-335	Affiliate links integration - frontend	BILLING	TO DO	2

**Epics** – Large tasks broken down into smaller stories. Think of it as a big chunk of work that is too large to do at once. So it is split into smaller tasks.

The screenshot shows the Jira interface for the 'Beyond Gravity' project. The left sidebar contains navigation options under 'PLANNING' (Timeline, Backlog, Board) and 'DEVELOPMENT' (Project pages, Add shortcut, Project settings). The main area displays the 'Timeline' view for 'Sprints'. It shows a timeline with a vertical line indicating the current date. The timeline is divided into sections for 'APR' and 'MAY'. A task titled 'What needs to be done?' is highlighted in the timeline.

Section	Task
APR	BG-1 Epic 1
MAY	What needs to be done?

**User Stories** – Short descriptions of a feature from the end-user perspective in which a user describes something the user wants to do or have.

<b>BLFS-228</b> As a customer I want to view my account balance so that I know my available funds.	<b>32</b>	<b>BLFS-40</b> As a fraud officer I want to see a report of failed logins.	<b>21</b>
Customer Records		Fraud Detection	
<b>BLFS-46</b> As a customer services representative I want to access historical account	<b>48</b>	<b>BLFS-95</b> As a bank I want to receive a correctly formatted transaction file	<b>81</b>

## Common Jira Actions

- **Create Issues (Bugs/Tasks/Stories)** in Jira, We can create different types of issues depending on what kind of work it is task, etc.

### Create

Required fields are marked with an asterisk \*

Project \*

 Kanban Project Practice (OPS) ▼

Issue type \*

☒ Task ▼

[Learn about issue types](#) 


Status

To Do ▼

This is the initial status upon creation

- **Assign issues to team members** – after creating an issue, we can assign it to the right person for the task. This makes things easier and keeps track of how team members are working or on which task they are working.

**Details**

Assignee  RS Rishav Sandal

Labels

Parent

Team Back-End Devs

Unassigned

Automatic

- **Track progress on boards** – after creating issues and assigning tasks to their respective persons, we can track the progress on the board. We use a visual board, kinda like sticky notes on the wall. This helps a team to track which tasks have been done and which have not.

**TO DO 1**

Not able to get password recovery mail

USER AUTHENTICATION

Backend Priority:Medium

OPS-7 RS

+ Create issue

**IN PROGRESS 2**

Credit Card Payment

USER AUTHENTICATION

Backend Priority:Critical

OPS-6 RS

User were not able to login

USER AUTHENTICATION

Priority:High Backend

OPS-8 RS

**IN REVIEW 2**

User Login

USER AUTHENTICATION

Priority:High Backend

OPS-4 RS

Password Recovery

USER AUTHENTICATION

Priority:High Backend

OPS-5 RS

**DONE 2**

Home Page UI

USER INTERFACE - HOME PAGE

Frontend Priority:Low

OPS-9 RS

Icons For Home Page

USER INTERFACE - HOME PAGE

Frontend Priority:Low

OPS-12 RS

# Confluence

Confluence is a collaborative documentation platform developed by Atlassian (the same team behind Jira). It's used by teams to create, share, and collaborate on project documentation, knowledge bases, and team notes — all in one place.

Action in Jira	Reflected in Confluence
Create Epic	Link it to a requirements page
Update Status	Automatically synced in Confluence
Add comments	Visible in the linked issue on the page

The screenshot displays the Confluence interface for a page titled "E-insurance". The page is in a "DRAFT" state and was created by Rishav Sandal. It features a left sidebar with navigation options like "For you", "Recent", "Starred", "Spaces", and "Apps". The main content area includes a header with the page title "E-insurance", a "Date" section with the date "Apr 21, 2025", a "Participants" section listing "@Rishav Sandal", "@PRIKSHIT Mardiya\_5027", and "@Kuber Seth", and a "Goals" section describing the objective of enhancing the security and performance of the "E-Insurance Application". The top right corner shows a search bar, a "+ Create" button, and a "29 days left" notification.



## Why is Confluence Used?

Purpose	Description
<b>Documentation</b>	Store project requirements, technical specs, design documents, etc.
<b>Team Collaboration</b>	Multiple team members can edit the same page in real-time.
<b>Transparency</b>	Everyone in the team has visibility into project goals and updates.
<b>Integration with Jira</b>	You can link Jira issues directly to Confluence pages.
<b>Meeting Notes &amp; Decision Logs</b>	Useful for recording sprint retrospectives, team meetings, etc.
<b>Centralized Knowledge Base</b>	Acts as a company or project-wide wiki for onboarding and reference.

### ✓ Action items

- ☒ @PRIKSHIT Mardiya\_5027 Refactor the code of password encryption
- ☐ @Kuber Seth Implement Loggers

### 📌 Decisions

- 📌 Use of **bcrypt** for password hashing. To ensure passwords are never stored in plain text and improve security against data breaches.
- 📌 Implement **audit logging**. @Kuber Seth Record all login attempts, data access, and failed authorizations. Helps in monitoring and identifying suspicious activity.