CAMERIN FOLKS

Jira – Project Management Tool / Bug Reporting Tool

✔ What is Jira?

Jira is a powerful tool developed by **Atlassian**.
It is mainly used for:

- **Project Management**
- **Task Tracking**
- **Agile Management (Scrum & Kanban)**
- **Bug/Issue Tracking**

Software companies use Jira to plan, track, and deliver projects efficiently.

✔ Why Jira is Used?

1. Track Tasks & Issues

You can create tasks, assign them to team members, set priority, add deadlines, and track progress.

2. Bug Reporting

Testers use Jira to report bugs with details such as:

- Steps to reproduce
- Expected vs actual result
- Screenshots or videos

Developers then fix the bugs and update the status.

3. Agile Project Management

Jira supports:

- **Scrum Boards**
- **Kanban Boards**
- **Sprint Planning**
- **Burndown Charts**

This helps teams work in iterations and deliver faster.

4. Workflow Automation

Jira allows custom workflows like:

```
To Do → In Progress → In Review → Done
```

Or

```
Open → In Development → Testing → Closed
```

5. Reporting & Dashboards

Jira provides:

- Velocity charts
- Burn-down reports
- Team workload
- Project progress

These reports help managers make decisions.

✔ Jira Issue Types

Jira supports various issue types:

Issue Type	Purpose
Story	New requirement or feature
Task	Work to be completed
Bug	Issue or defect in the system
Epic	Large feature containing many stories
Sub-task	Smaller unit of a task/story

✔ Jira Workflow Example

A simple workflow in Jira:

1. **Open**
2. **In Progress**
3. **Code Review**
4. **Testing**
5. **Done**

✔ Jira Bug Report Example

Bug Title: Login button not working
Priority: High
Steps to Reproduce:

1. Open login page
2. Enter valid credentials
3. Click Login

Expected Result: User should log in.
Actual Result: Nothing happens.
Attachments: Screenshot/video
Assigned To: Developer

✔ Advantages of Jira

- Easy to track entire project
- Supports Agile methodology
- Highly customizable
- Integrates with CI/CD tools
- Excellent reporting features
- Widely used in software companies