JIRA and GIT

What is JIRA?

Made by Atlassian.

Work management tool for tracking issues, bug tracking, issue tracking.

Agile?

Agile is software development methodology that has iterative approach to development

i.e. Building and releasing software incremental from start of project, delver version of product by end of it, feedback is then gathered and used to plan next iteration. This process continues until product is fully polished.

Feedback starts at very early age, changes are fed into iteration hence keeping development flexible

This helps in customer satisfaction as they can monitor the product and provide test and feedback early on.hence ensure that team is on track and requirements are met.

JIRA supports SCRUM and KANBAN

SCRUM

Break project into Epics and user stories.

Epics: larger body of work, work cannot be completed in given iteration, hence broken into multiple user stories

user stories: smallest unit of work or feature which need to be developed

Development is performed in cycles called Sprints(2-4 weeks)

SCRUM FLOW

BackLog:

Features u want to build in user stories.

Select user stories/features from Backlog and sent to sprint backlog

Sprint backlog:

Featues that team will represent during current sprint.

Daily sprint meeting to discuss work to be done or what is done till yet

Release:

Release the feature, then reviewed by customer for feedback.

SCRUM Roles

Product owner:

Defines What should be built and why?

Defines what goes in product backlog

Create user stories and grooms the details.

Development Team:

Builds the product.

Scrum Master

Facilitates the scrum process.

Removes blockers and help to create the goal