

JIRA Tool

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- 1.What is JIRA, and what are its primary uses in software development?
- 2.Explain the difference between JIRA Software, JIRA Service Desk, and JIRA Core.
- 3.What are issues in JIRA, and what types are commonly used?
- 4.Define Epic, Story, Task, and Bug in JIRA.
- 5.What is a JIRA workflow, and why is it important?
- 6.Explain the difference between Kanban board and Scrum board in JIRA.
- 7.How does JIRA support Agile methodology?
- 8.What is the use of JQL (JIRA Query Language)?
- 9.How do you track time, progress, and reporting in JIRA?
- 10.How do permissions and roles work in JIRA projects?
- 11.How do you create a new project in JIRA?
- 12.Explain how to create and assign issues to team members.
- 13.How do you link issues (like Epic → Story → Task) in JIRA?
- 14.How do you customize a workflow in JIRA?
- 15.How can you add custom fields to issues?
- 16.How do you filter issues using JQL with multiple conditions?
- 17.How can notifications be configured in JIRA?
- 18.Explain sprint planning and backlog grooming in JIRA.
- 19.How do you generate reports like Burn Down, Velocity, and Cumulative Flow?
- 20.How do you integrate JIRA with Confluence, Bitbucket, or CI/CD tools?
- 21.How do you track issue history and changes using JQL?
- 22.How can you combine JQL with gadgets to create advanced dashboards?

Testing technique

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- 1.Explain Equivalence Partitioning and provide a real-time example.
- 2.How do you perform Boundary Value Analysis for a numeric input field?
- 3.What is a Decision Table, and how is it used to identify test cases?
- 4.How do you apply State Transition Testing for systems with multiple states?
- 5.What are the advantages and limitations of Use Case Testing?
- 6.Explain statement coverage vs branch coverage with an example.
- 7.How do you perform path coverage testing for nested loops?
- 8.What is condition coverage, and why is it important?
- 9.How can you identify dead code during white-box testing?
- 10.Explain mutation testing and how it evaluates test effectiveness.
- 11.What is Error Guessing, and how do you apply it to a login module?
- 12.How does Exploratory Testing differ from scripted testing?
- 13.What are the steps to perform an ad-hoc test session?
- 14.How do you document defects found during exploratory testing?
- 15.How can experience-based testing complement automated testing?
- 16.How do you identify high-risk areas in a software application?
- 17.How do you prioritize test cases based on business impact?
- 18.Explain how risk-based testing reduces testing effort.
- 19.What metrics do you use to measure risk coverage in a release?
- 20.Provide an example of risk-based test planning for a payment gateway.
- 21.How does pairwise testing help in reducing test execution effort?
- 22.How do you identify missing combinations during combinatorial testing?