

TEST PLAN

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- 1.What is a Test Plan, and why is it important in the SDLC?
- 2.List the key components of a Test Plan.
- 3.How does a Test Plan differ from a Test Strategy?
- 4.What are the different types of Test Plans?
- 5.Who is responsible for creating and approving a Test Plan?
- 6.How do you define scope and objectives in a Test Plan?
- 7.Explain how risk assessment is included in a Test Plan.
- 8.How do you choose testing tools for a Test Plan?
- 9.How is entry and exit criteria defined for testing activities?
- 10.How do you estimate test effort and resources in a Test Plan?
- 11.How would you update a Test Plan if the project requirements change mid-sprint?
- 12.Explain the impact of insufficient Test Plan documentation on project delivery.
- 13.How would you handle multiple environments in a single Test Plan?

Test Case Document

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- 1.What is a Test Case? How is it different from a Test Scenario?
- 2.What are the essential fields in a Test Case document?
- 3.How do you define positive and negative test cases?
- 4.What is a "pre-condition" and "post-condition" in a test case?
- 5.How is a Test Case linked to a requirement?
- 6.How do you prioritize test cases?
- 7.Explain how traceability matrix is related to Test Case documentation.
- 8.How do you write boundary value test cases for a numeric field?
- 9.How do you write test cases for a login module with multiple roles?
- 10.How do you handle reusable test cases across different modules?
- 11.Explain the process of reviewing and approving test cases.
- 12.How do you manage test cases for regression testing?

AGILE

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- 1.What is Agile methodology, and how does it differ from Waterfall?
- 2.Explain the Agile Manifesto and its principles.
- 3.What are Scrum roles, and what responsibilities do they have?
- 4.Define Sprint, Backlog, and Increment in Scrum.
- 5.Explain the difference between Product Backlog and Sprint Backlog.
- 6.What is the purpose of a Daily Standup?
- 7.How does velocity help in Agile planning?
- 8.Explain the difference between User Stories, Epics, and Tasks.
- 9.What is a Definition of Done (DoD)?
- 10.Explain how Agile handles changes in requirements.
- 11.What are the different Agile frameworks other than Scrum? (e.g., Kanban, XP)
- 12.Explain the difference between Kanban board and Scrum board.
- 13.What are story points, and how are they used in estimation?
- 14.How does pair programming work in Agile?
- 15.What is the difference between Continuous Integration (CI) and Continuous Deployment (CD) in Agile DevOps?
- 16.Explain Refinement (Backlog Grooming) and its importance.
- 17.What is Agile testing, and how is it different from traditional testing?
- 18.What are epics, capabilities, features, and stories in SAFe Agile?
- 19.How do Agile teams measure productivity and quality?
- 20.Explain Agile metrics like lead time, cycle time, and cumulative flow.
- 21.How is risk management handled in large Agile projects?
- 22.Describe Agile portfolio management.

23.How do Agile teams handle technical debt?

24.What is Agile maturity assessment, and why is it important?