

Top 50 Most Asked

Manual Testing Interview Questions

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1. What is manual testing?

- Manual testing is the process of manually executing test cases without the use of automation tools. Testers perform the testing manually to identify bugs, issues, or defects in a software application.

2. What is a test case?

- A test case is a set of conditions or variables under which a tester determines whether a software application is working correctly or not.

3. What is a test plan?

- A test plan is a document outlining the strategy, objectives, resources, schedule, and scope of a testing effort.

4. What is the difference between a test plan and a test strategy?

- A test plan is a detailed document specific to a particular project, whereas a test strategy is a high-level document that outlines the general approach and principles for testing within an organization.

5. What is a bug or defect?

- A bug or defect is an error, flaw, or fault in a software application that causes it to produce incorrect or unexpected results.

6. What is the difference between a bug, a defect, and an error?

- ▶ An error is a mistake made by a programmer. A defect or bug is a manifestation of the error in the software. When a bug is found during testing, it is referred to as a defect.

7. What is a test case execution?

- ▶ Test case execution is the process of running the test cases and comparing the expected and actual results to determine if the software behaves as intended.

8. What is a test suite?

- ▶ A test suite is a collection of test cases that are intended to be executed together.

9. What is a test scenario?

- ▶ A test scenario is a high-level description of what to test. It is a logical grouping of test cases to ensure the functionality of a particular feature of the application.

10. What is the difference between verification and validation?

- ▶ Verification ensures the product is built correctly according to specifications (Are we building the product right?). Validation ensures the product fulfills its intended use (Are we building the right product?).

11. What is regression testing?

- ▶ Regression testing is the process of retesting a software application after changes (such as bug fixes or enhancements) to ensure that existing functionality has not been adversely affected.

12. What is smoke testing?

- ▶ Smoke testing, also known as build verification testing, is a preliminary test to check the basic functionality of an application before conducting more thorough testing.

14. What is black box testing?

- ▶ Black box testing is a testing technique where the tester evaluates the functionality of the application without knowing its internal code structure.

15. What is white box testing?

- ▶ White box testing, also known as clear box or glass box testing, involves testing the internal structures or workings of an application.

16. What is the difference between functional and non-functional testing?

- ▶ Functional testing focuses on verifying that the software functions correctly according to the requirements. Non-functional testing evaluates aspects such as performance, usability, reliability, and security

17. What is user acceptance testing (UAT)?

- ▶ UAT is the final phase of testing performed by the end-users to ensure the software meets their requirements and is ready for production.

18. What is exploratory testing?

- ▶ Exploratory testing is an approach where testers actively explore the application, using their creativity and intuition to identify defects without predefined test cases

19. What is ad hoc testing?

- ▶ Ad hoc testing is an informal testing method where the tester seeks to find defects without a specific plan or documentation, relying on their understanding of the application.

20. What is integration testing?

- ▶ Integration testing verifies that different modules or components of an application work together as expected.

21. What is system testing?

22. What is acceptance testing?

- Acceptance testing is a formal testing phase conducted to determine if the software meets the business requirements and is ready for deployment.

23. What is alpha testing?

- Alpha testing is an internal testing phase conducted by the development team or a specific testing team within the organization before releasing the software to external users.

24. What is beta testing?

- Beta testing is an external testing phase where a select group of end-users tests the software in a real-world environment before the final release.

25. What is performance testing?

- Performance testing evaluates the speed, responsiveness, and stability of an application under a specific workload.

26. What is load testing?

- Load testing determines how the application behaves under an expected load of users and transactions.

27. What is stress testing?

- Stress testing evaluates the application's performance under extreme or peak load conditions to determine its breaking point.

28. What is usability testing?

- Usability testing assesses how user-friendly and intuitive the application is, focusing on the user's experience.

29. What is security testing?

- Security testing identifies vulnerabilities, threats, and risks in the application to ensure data protection and secure functionality.