

Manual Testing

Interview Questions & Answers



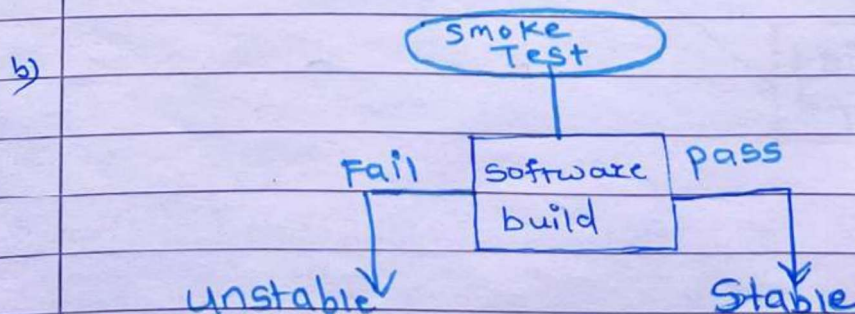
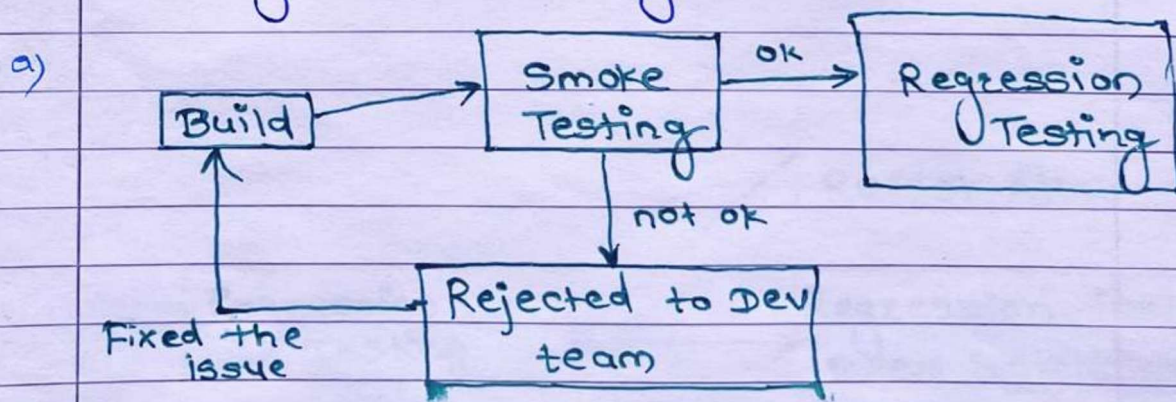
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SMOKE TESTING

- 1) Smoke Testing is a software testing process that determines whether the deployed software build is stable or not.
- 2) Smoke Testing is a confirmation for QA team to proceed with further software testing.
- 3) It consists of a minimal set of tests run on each build to test software functionalities.
- 4) Smoke testing is also known as "Build verification Testing" or "confidence Testing".
- 5) It is a mini & Rapid regression test of major functionality. It is a simple test that shows the product is ready for testing.

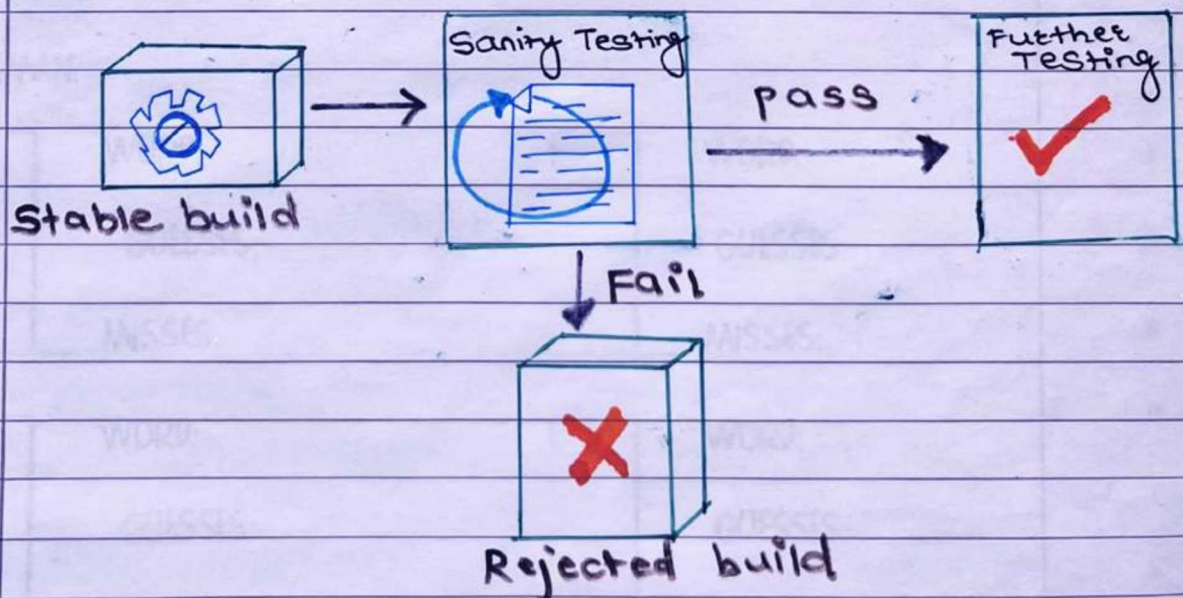
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SANITY TESTING

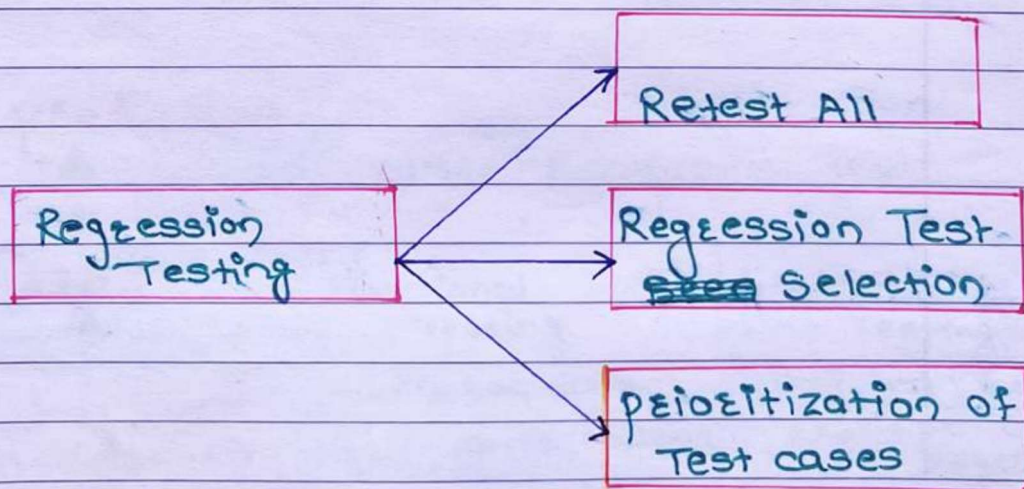
- 1) Sanity Testing is a type of software testing that quickly checks if the new changes or bug fixes made to the application are working as expected, and the system is ready for further testing.
- 2) It ensures that the application is stable enough for more comprehensive testing and that the critical functionalities are not affected by recent changes.
- 3) Sanity is a subset of regression. This can be performed when you don't have sufficient time to perform regression. Sanity Testing is just to check whether all the major functionalities are working as intended or not.

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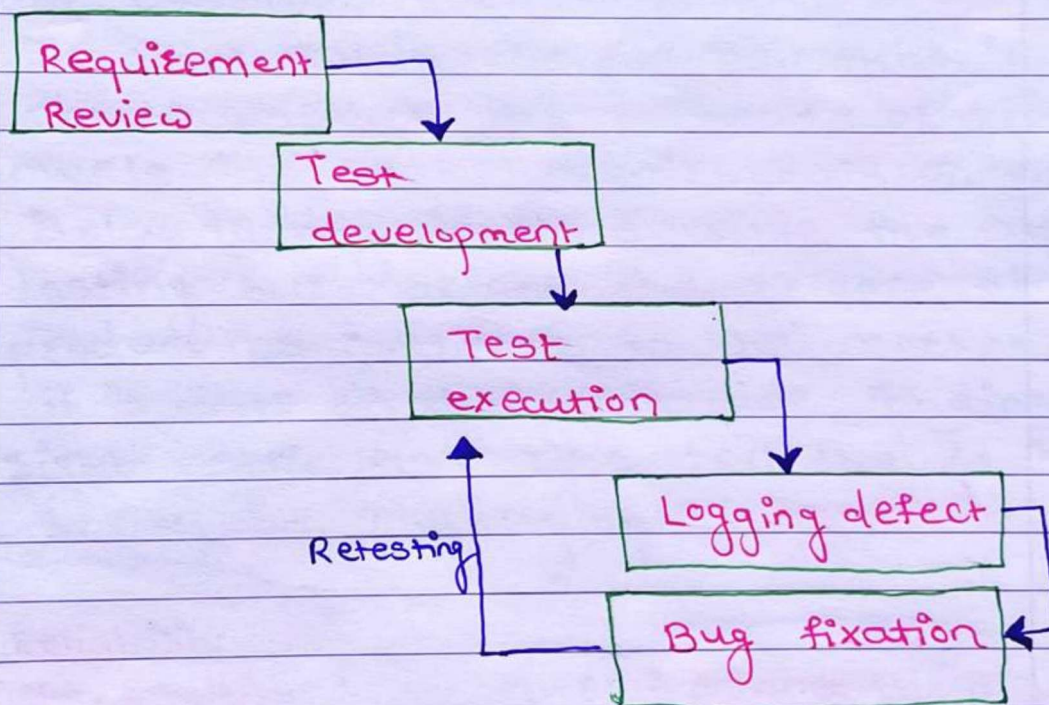
REGRESSION TESTING

- 1) Regression Testing is a type of software testing that tests software when it undergoes a code change to ensure that new code has not affected other parts of the software.
- 2) When to perform Regression Testing?
 - a) When an existing feature is given a new requirement. @notesbzo.com
 - b) Whenever a new feature is added, or the code base is updated to fix bugs.
 - c) Once the source code is optimized for better performance.
 - d) When configuration changes have been made, or patch fixes have been added.
- 3) Regression tests are also known as the verification method.



ALPHA TESTING

- 1) Alpha testing is a type of acceptance testing, where testers are employees of an organization who has build the application, these tests are conducted to verify that all the issues found have been resolved & have not reoccured, before releasing to the client.

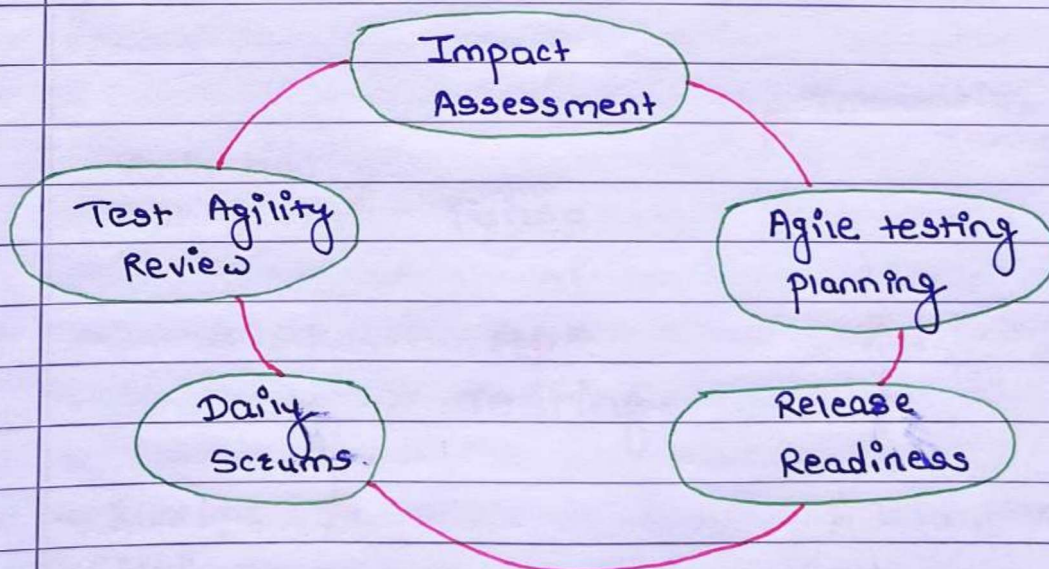


- 2) performed internally by developers & QA test engineers. [@notesbzo.com](https://www.notesbzo.com)
- 3) The main purpose of conducting an alpha test is to ensure the quality of the software system before it goes into the production environment.

AGILE TESTING

- 1) The software testing process contains several testing procedures & techniques that simplify the testing process & increase its efficiency.
- 2) Agile Testing is an iterative & incremental method, & the necessities, which develop during the cooperation between the customer & self-establish teams.
- 3) Agile testing can begin at the start of the project with continuous integration between development & testing. @notesb2c.com
- 4) Agile testing is not sequential in the sense it is executed only after coding phase but continuous.
- 5) Agile testing includes various principles that help us increase the software's productivity.

★ Agile testing Life cycle ★



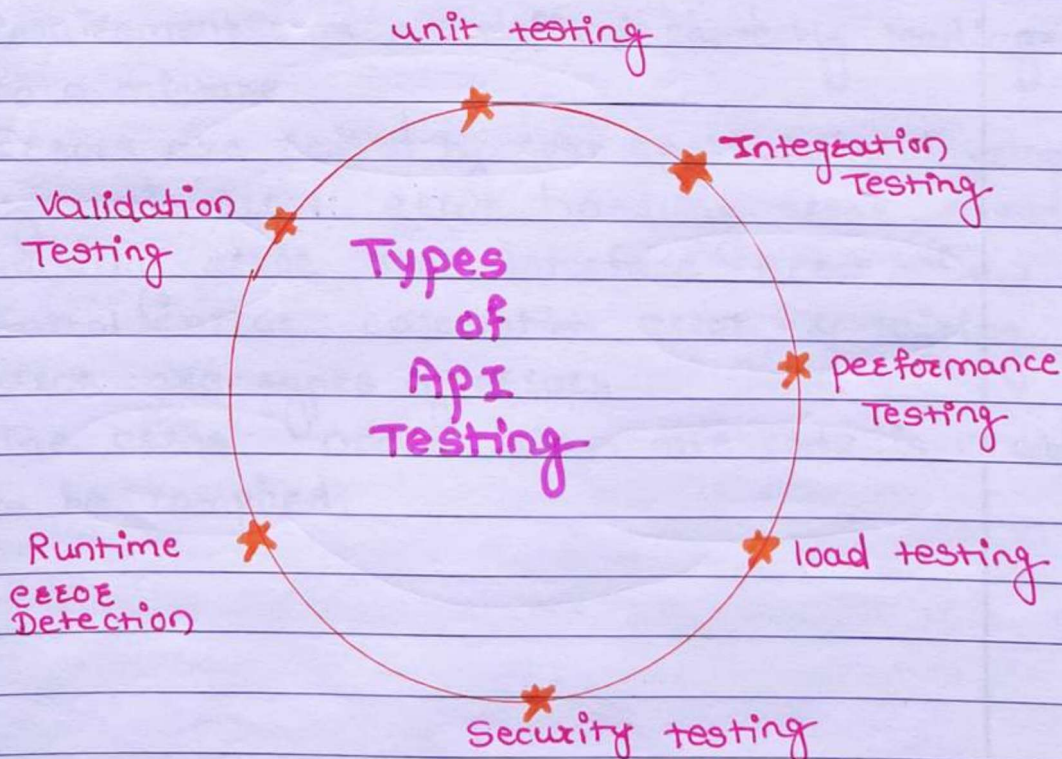
API TESTING

API Testing is a software testing type that validates Application Programming Interfaces. The purpose of API Testing is to check the functionality, reliability, performance & security of the programming interfaces.

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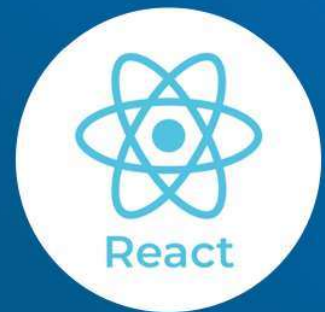
Benefits of API Testing :-

- 1) Finding bugs at an early stage.
- 2) Improved test coverage
- 3) Time efficiency
- 4) Technology independent
- 5) Reduce testing cost.
- 6) Supports command-line for automated Testing.



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