Levels Of Testing:
1. Unit Testing
2. Integration Testing
3. System Testing
4. Acceptance Testing

System Testing:

- To check the end-to-end flow of an application or the software as a user is known as System testing
- Testing the system as whole on QA environment
- System Testing includes testing of a fully integrated software system
- System testing is a series of different types of tests with the purpose to exercise and examine the full working of an integrated software computer system against requirements.

Acceptance Testing:
- User acceptance testing (UAT) is a type of testing, which is done by the customer before accepting the final product. Generally, UAT is done by the customer (domain expert) for their satisfaction, and check whether the application is working according to given business scenarios, real-time scenarios.
- In this, we concentrate only on those features and scenarios which are regularly used by the customer or mostly user scenarios for the business or those scenarios which are used daily by the end-user or the customer.
- However, the software has passed through three testing levels (Unit Testing, Integration Testing, System Testing) But still there are some minor errors which can be identified when the system is used by the end user in the actual scenario.
- There is mainly two types of User Acceptance Testing:
  1.Alpha Testing
  2.Beta Testing

  Alpha Testing:
  - Alpha Testing is a type of acceptance testing; performed to identify all possible issues and bugs before releasing the final product to the end users.
  - In alpha testing internal team is involved.(In internal team Business People from client side and Internal Team of our organization is involved)

- Alpha testing is carried out by the testers who are internal employees of the organization.
- The main goal is to identify the tasks that a typical user might perform and test them.
- To put it as simple as possible, this kind of testing is called alpha only because it is done early on, near the end of the development of the software, and before beta testing
- Alpha testing is to ensure the quality of the product before moving to Beta testing

Beta Testing:

- Beta Testing is one of the part of User Acceptance Testing.
- Beta Testing is performed by real user of the software in real environment
- This testing executed after the alpha testing
- Bug/Defect and user feedback will be collect as part of beta testing
- Beta testing perform before software goes live
- Beta testing is a type of User Acceptance Testing among the most crucial testing, which performed before the release of the software. Beta Testing is a type of Field Test. This testing performs at the end of the software testing life cycle. This type of testing can be considered as external user acceptance testing. It is a type of salient testing. Real users perform this testing. This testing executed after the alpha testing
- There are two versions of Beta:
    1. Closed Beta Version
    2. Opened Beta Version

1.Closed Beta Version:
Closed beta version, also known as a private beta, it is released to a group of selected and invited people. Those people will test the software and evaluate their features and specifications. This beta version represents the software which is capable of delivering value, but it is not ready to be used by everyone. Because it shows the issues like lack of documentation or missing vital features.

2.Opened Beta Version

Open beta is also known as a public beta. The open beta opened to the public. Any user as a tester can assess the beta version to provide the relevant feedback and reviews. Open beta version improves the quality of the final release. This version helps to find the various undetected errors and issues.