**Testing Types for YouTube**

#### 1) Back-end Testing

Whenever an input or data is entered on front-end application, it stores in the database and the testing of such database is known as Database Testing or Backend Testing.

There are different databases like SQL Server, MySQL, and Oracle, etc. Database Testing involves testing of table structure, schema, stored procedure, data structure and so on.

#### 2) Browser Compatibility Testing

It is performed for web applications and it ensures that the software can run with the combination of different browser and operating system. This type of testing also validates whether web application runs on all versions of all browsers or not.

#### 3) Comparison Testing

Comparison of a product’s strength and weaknesses with its previous versions or other similar products is termed as Comparison Testing.

#### 4) Integration Testing

Testing of all integrated modules to verify the combined functionality after integration is termed as Integration Testing.

#### 5) Load Testing

It is a type of Non-Functional Testing and the objective of Load Testing is to check how much load or maximum workload a system can handle without any performance degradation.

Load Testing helps to find the maximum capacity of the system under specific load and any issues that cause software performance degradation.

#### 6) Security Testing

It is a type of testing performed by a special team of testers. A system can be penetrated by any hacking way.

Security Testing is done to check how the software or application or website is secure from internal and external threats. This testing includes how much software is secure from the malicious program, viruses and how secure and strong the authorization and authentication processes are.

It also checks how software behaves for any hackers attack and malicious programs and how software is maintained for data security after such a hacker attack.