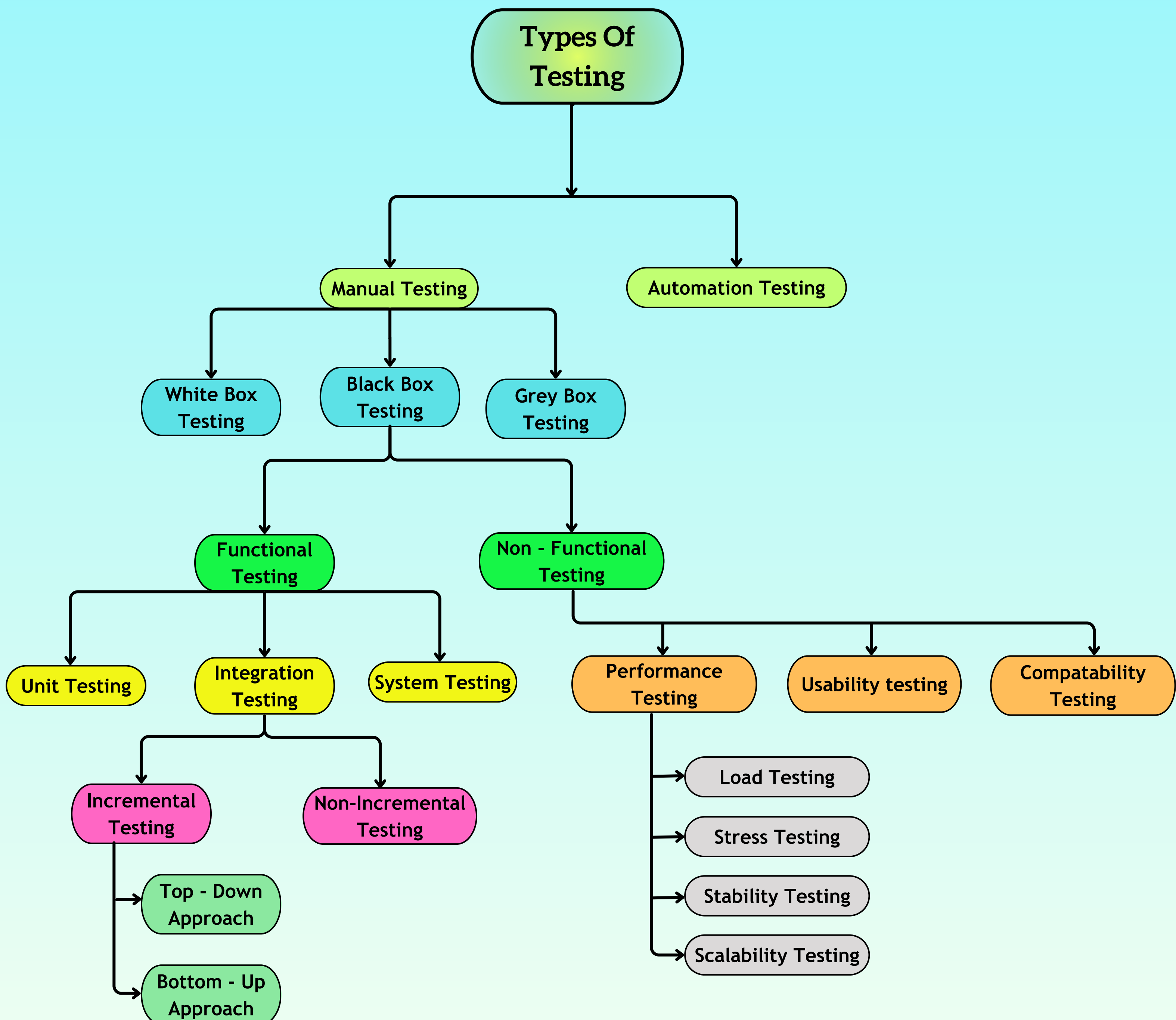




Sheshadri Naidu

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White Box Testing;

White Box Testing is a testing technique in which software's internal structure, design, and coding are tested to verify input-output flow and improve design, usability, and security.

Black Box Testing;

Black Box Testing is a software testing method in which the functionalities of software applications are tested without having knowledge of internal code structure, implementation details and internal paths.

Grey Box Testing;

Gray Box Testing is a software testing method, which is a combination of both white Box and Black Box Testing method.

Functional Testing;

Functional Testing is a type of Software Testing in which the system is tested against the functional requirements and specifications.

Unit Testing;

A unit test is a type of software test that focuses on testing individual components of a software product.



Integration Testing;

An integration testing is a process that tests interfaces between two software modules or units.

System Testing;

The testing of a complete and fully integrated software product is known as System testing

Incremental testing

The process of verifying the interfaces and interaction between modules is known as Incremental testing

Non-Incremental Testing;

The Process of verifying and testing all the components or modules of a system that are integrated together is known as Non-Incremental Testing

Top - Down Approach;

A type of Incremental integration testing, In this Top Down approach the higher level modules are tested first after higher level modules the lower level modules are tested.



Bottom-Up Approach;

In this Bottom Up approach the lower level modules are tested first after lower level modules the higher level modules are tested.

Non-Functional Testing;

Non-Functional Testing is defined as a type of Software testing to check non-functional aspects (performance, usability, reliability, etc) of a software application.

Performance Testing;

Non-Functional Testing is defined as a type of Software testing to check non-functional aspects (performance, usability, reliability, etc) of a software application.

Usability Testing;

Usability testing, a non-functional testing technique that is a measure of how easily the system can be used by end users



Compatability Testing;

The testing which is used to ensure a software application is properly working across different browsers, databases, operating systems (OS), mobile devices, networks and hardware is known as compatability Testing

Load Testing;

Load testing is testing where we check an application's performance by applying some load, which is either less than or equal to the desired load.

Stress Testing;

Stress Testing is testing used to check the accessibility and robustness of software beyond usual functional limits.

Stability Testing;

Stability testing is a software testing procedure where we analyze the application's performance by applying the load for a particular duration of time.



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Thank You!