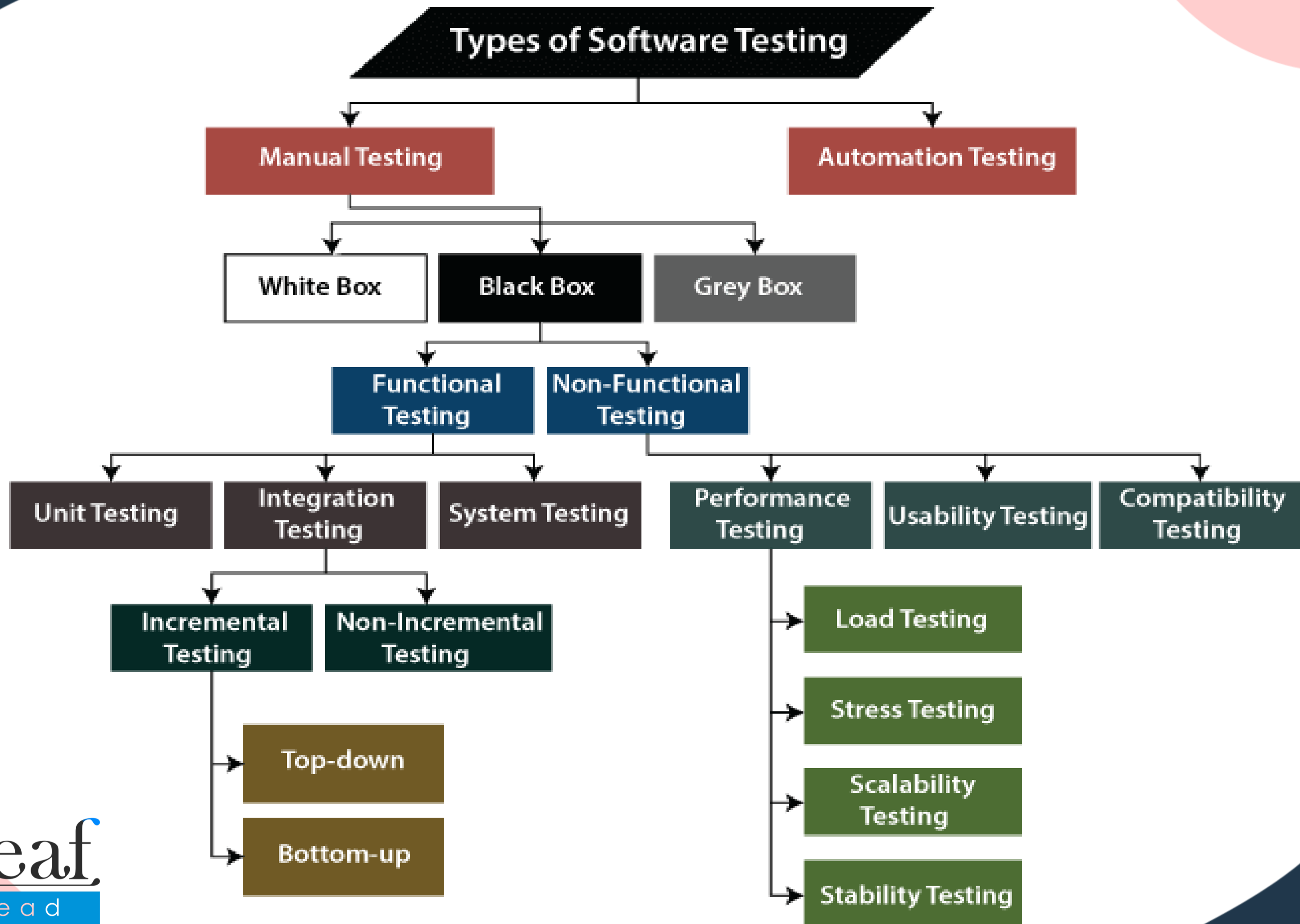


The logo features the words "Test Leaf" in a black serif font. The letter "L" in "Leaf" is replaced by a stylized green leaf with a yellow tip. The entire logo is set against a background of large, abstract, wavy shapes in dark blue and light pink.

Test Leaf

Always Ahead

# Testing Types



# Testing Types

## ➤ Manual Testing

- Testing of the Software manually i.e. without using any automated tool or any script.
- Different stages for manual testing like unit testing, Integration testing, System testing and User Acceptance testing.
- Testers use test plan, test cases or test scenarios to test the Software to ensure the completeness of testing.

## ➤ Automation Testing

- Tester writes scripts and uses another software to test the software .
- This process involves Test Automation of a manual process.
- Automation Testing is used to re-run the test scenarios that were performed manually, quickly and repeatedly.
- Increases the test coverage; improve accuracy, saves time and money in comparison to manual testing.

# Testing Methods

## ➤ White Box Testing

- White box testing is the detailed investigation of internal logic and structure of the code.
- Also called glass testing or open box testing.
- The tester needs to have a look inside the source code and find out which unit/chunk of the code is behaving inappropriately

## ➤ Grey Box Testing

- Its a technique to test the application with limited knowledge of the internal workings of an application.
- "The more you know the better" carries a lot of weight when testing an application.

## ➤ Black Box Testing

- A tester will interact with the system's user interface by providing inputs and examining outputs without knowing how and where the inputs are worked upon.
- Focuses on functional requirement of the software

# Functional and Non-functional Testing

**Functional testing** is a type of software testing in which the system is tested against the functional requirements and specifications. Functional testing ensures that the requirements or specifications are properly satisfied by the application.

## Examples:

- Unit Testing
- Smoke Testing
- Integration Testing
- Regression Testing

**Non-functional testing** is defined as a type of software testing to check non-functional aspects of a software application. It is designed to test the readiness of a system as per non functional parameters.

## Examples:

- Performance Testing
- Load Testing
- Stress Testing

Thank  
you!