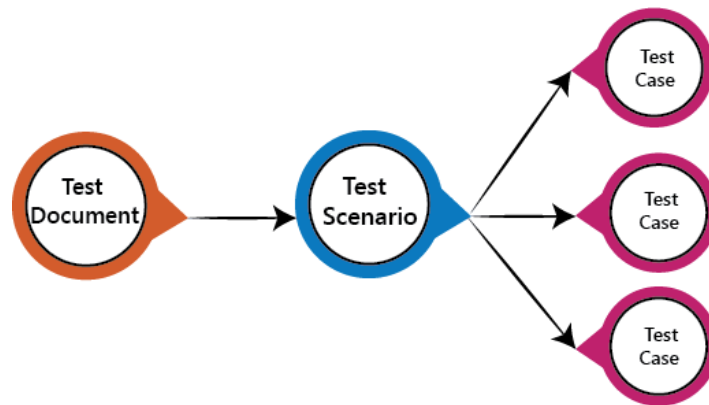# Test Scenario

The test scenario is a detailed document of test cases that cover end to end functionality of a software application in liner statements.

How to write Test Scenarios

As a tester, follow the following steps to create Test Scenarios-

- o Read the requirement document such as BRS (Business Requirement Specification), SRS (System Requirement Specification) and FRS (Functional Requirement Specification) of the software which is under the test.
- o Determine all technical aspects and objectives for each requirement.
- o Find all the possible ways by which the user can operate the software.
- o Ascertain all the possible scenario due to which system can be misused and also detect the users who can be hackers.
- o After reading the requirement document and completion of the scheduled analysis make a list of various test scenarios to verify each function of the software.
- o Once you listed all the possible test scenarios, create a traceability matrix to find out whether each and every requirement has a corresponding test scenario or not.
- o Supervisor of the project reviews all scenarios. Later, they are evaluated by other stakeholders of the project.

Features of Test Scenario

o   The test scenario is a liner statement that guides testers for the testing sequence.

o   Test scenario reduces the complexity and repetition of the product.

o   Test scenario means talking and thinking about tests in detail but write them in linear statements.

o   It is a thread of operations.

o   Test scenario becomes more important when the tester does not have enough time to write test cases, and team members agree with a detailed liner scenario.

o   The test scenario is a time saver activity.

o   It provides easy maintenance because the addition and modification of test scenarios are easy and independent.

Example of Test scenarios

Here we are taking the **Gmail application** and writing test scenarios for different modules which are most commonly used such as **Login, Compose, Inbox, and Trash**

Test scenarios on the Login module

o   Enter the valid login details (Username, password), and check that the home page is displayed.

o   Enter the invalid Username and password and check for the home page.

o   Leave Username and password blank, and check for the error message displayed.

o   Enter the valid Login, and click on the cancel, and check for the fields reset.

o   Enter invalid Login, more than three times, and check that account blocked.

o   Enter valid Login, and check that the **Username** is displayed on the home screen.