

# Test Condition vs Test Scenario: What's the Difference?

## What is a Test Scenario?

A **Test Scenario** is a probable way or method to test an Application.

## Test Condition

**Test Condition** in software testing is the specification that a tester must follow for testing a software application. Test condition is a specific set of constraints which can contain functionalities like transactions, functions or structural elements for test cases in order to test the software application. Test conditions help to ensure that a software application is bug-free.

There can be multiple Test Conditions in a Test Scenario.

Difference between Test Scenario and Test Condition is a very common FAQ amongst QA beginners.

### KEY DIFFERENCE

- Test Scenario is a way to test an application whereas Test Condition is a constraint that should be followed for testing an application.
- Test Scenario can be a single or group of test cases whereas Test Condition is a piece of functionality.
- Test Scenario helps reduce complexity while Test Condition helps to ensure that an application is bug-free.
- Test Scenario covers wide range of possibilities while Test Condition is very specific.

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Below is a detailed comparison

Test Condition

VS

Test Scenario

Test Scenario	Test Condition
<ul style="list-style-type: none"><li>• The test scenario is a possible way to test an application.</li></ul>	<ul style="list-style-type: none"><li>• The test condition is the constraint that you should follow to test an application.</li></ul>
<ul style="list-style-type: none"><li>• Test scenario can be a single or a group of test cases</li></ul>	<ul style="list-style-type: none"><li>• Test condition can be a piece of functionality or anything you want to verify. In simple terms the goal of a test cases</li></ul>
<ul style="list-style-type: none"><li>• It is important when the time is less and most team members understand the details from one line scenario</li></ul>	<ul style="list-style-type: none"><li>• It is an item or event of a system that could be verified by one or more test cases. Eg; transaction, function, structural element etc.</li></ul>
<ul style="list-style-type: none"><li>• Good <b>Test coverage</b> can be achieved by dividing application in test scenarios which reduces the complexity</li></ul>	<ul style="list-style-type: none"><li>• Good Test Condition ensure a system is bug-free</li></ul>
<ul style="list-style-type: none"><li>• The test scenario is rather vague and covers a wide range of possibilities</li></ul>	<ul style="list-style-type: none"><li>• Test condition are very specific</li></ul>
<b>Example:</b> For testing, you have so many ways like positive testing, negative testing, BVA etc.	<b>Example:</b> When User Name and Password are valid then an application will move forward

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