What is the Test Case?

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

verify a particular feature or functionality of your software application. A Test Case contains test steps, test data, precondition, postcondition developed for specific test scenario to verify any requirement. The test case includes specific variables or conditions, using which a testing engineer can compare expected and actual results to determine whether a software product is functioning as per the requirements of the customer.

A **TEST CASE** is a set of actions executed to

What is a Test Scenario?

### A Test Scenario is defined as any functionality that can be tested. It is a collective set of test cases which helps the testing team to determine the positive and negative characteristics of

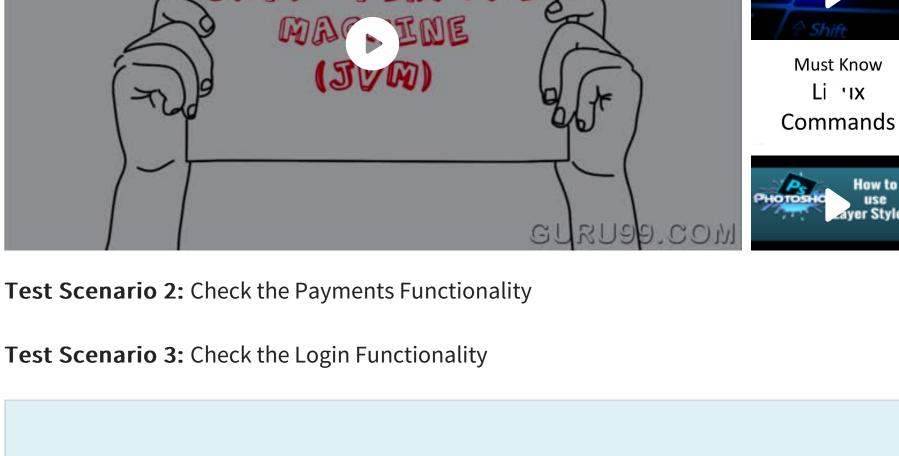
the project. Test Scenario gives a high-level idea of what we need to test.

**Example of Test Scenario** For an eCommerce Application, a few test scenarios would be

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Test Scenario 1: Check the Search Functionality

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whereas Test Scenario is any functionality that can be tested.

 Test Case is mostly derived from test scenarios while Test Scenarios are derived from test artifacts like BRS and SRS.

## in an agile way of testing the end to end functionality.

**KEY DIFFERENCE** 

• Test Cases are focused on what to test and how to test while Test Scenario is more focused on what to test. • Test Cases are low-level actions whereas Test Scenarios are high-level actions.

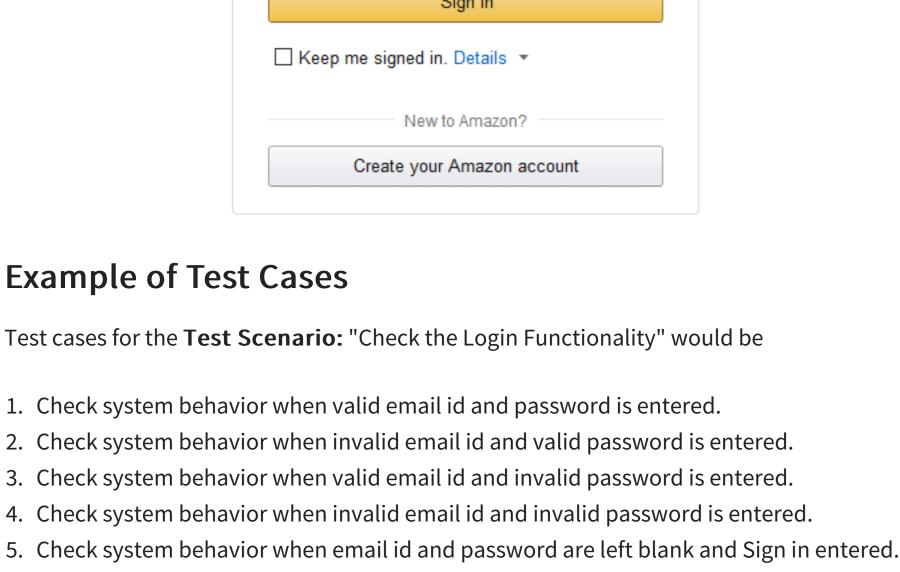
• Test Case is a set of actions executed to verify particular features or functionality

• Test Case helps in exhaustive testing of an application whereas Test Scenario helps

- Test Case requires more resources and time for test execution while Test Scenario require fewer resources and time for test execution. • Test Case includes test steps, data, expected results for testing whereas Test
- Scenario includes an end to end functionality to be tested.
- Sign in

Email (phone for mobile accounts)

Password Forgot your password? Sign in



7. Check system behavior when valid/invalid phone number and password is entered.

• Test cases help to verify conformance to applicable standards, guidelines and customer

• When test cases are written for test execution, the test engineer's work will be organized

### 8. Check system behavior when "Keep me signed" is checked Why do we write Test Cases?

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requirements

• Exposes errors or defects

functional requirements

software applications.

Test case vs. Test scenario

**Test Case** 

A test scenario contains high-level

end functionality to be tested.

"how to test".

the testing.

end functionality

17

19

21 22 23 3

test case

Navigate to

Click Submit

• Avoid test case repetition

http://demo.guru99.com

Enter Userid & Password

documentation which describes an end to

Test scenarios are a one-liner. So, there is always the possibility of ambiguity during

It helps in an agile way of testing the end to

It focuses on more "what to test" than

Test scenarios are derived from test

artifacts like BRS, SRS, etc.

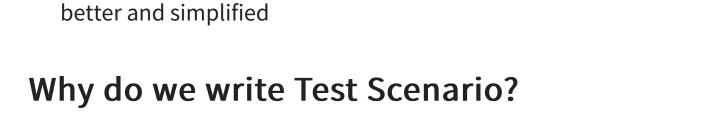
• Helps you to validate expectations and customer requirements • Increased control, logic, and data flow coverage

You can simulate 'real' end user scenarios

6. Check Forgot your password is working as expected

Here, are some important reasons to create a Test Case-

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Here, are important reasons to create a Test Scenario:

proposal for the client or organize the workforce.

• The main reason to write a test scenario is to verify the complete functionality of the software application • It also helps you to ensure that the business processes and flows are as per the

Developers, Customers to ensure the Application Under Test is thoroughly tested. It

• They serve as a quick tool to determine the testing work effort and accordingly create a

• Once these Test Scenarios are finalized, test cases can be easily derived from the Test Scenarios.

• They help determine the most critical end-to-end transactions or the real use of the

• Test Scenarios can be approved by various stakeholders like Business Analyst,

ensures that the software is working for the most common use cases.

Here, are significant differences between Test scenario and a Test Case **Test Scenario Test Case** 

of an application.

and "how to test.".

application

**Test Scenario** 

Test cases contain definite test steps, data,

expected results for testing all the features

A complete emphasis on "what to test"

requisites, expected result, etc. Therefore,

Pass

Pass

Pass

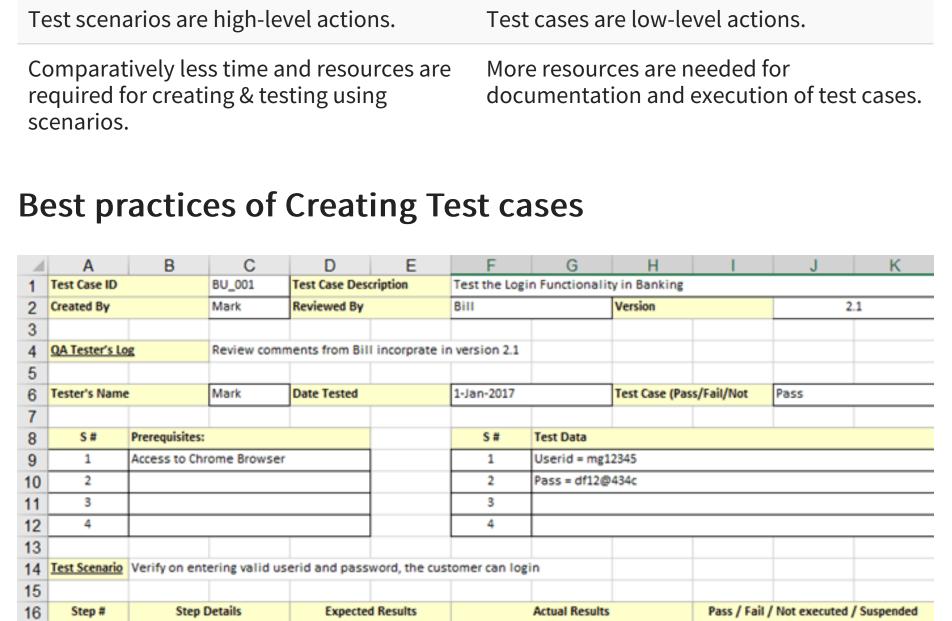
Test cases have defined a step, pre-

there is no ambiguity in this process.

Test case is mostly derived from test

scenarios. Multiple Test case can be derived from a single Test Scenario

It helps in exhaustive testing of an



As Expected

As Expected

Test Case Example

• You need to make sure that you will write test cases to check all software requirements

• Never assume functionality and features of your software application while preparing a

Best practices of creating a Test Scenario **Test Scenario Template** 2

\* Test Cases field is Optional

S1.1

S1.2

S1.3

S1.4

S1.5

6 Test Scenario # Requiremen Test Scenario Description

Check the Login Functionality

Check the Search Functionality

Check the Order History

Test Scenario Example

Check the Product Description Page

Check the Payments Functionality

• Test Cases should be transparent and straightforward

Create Test Case by keeping the end user in the mind

mentioned in the specification document

• Test Cases must be readily identifiable

8

9

10

11

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Tool. You can do functional,

2

3

4

5

Site should open

Cutomer is logged in

Credential can be entered As Expected

 Test scenarios are mostly single line statement that tells what should be tested Scenario description should be simple and easy to understand • A careful assessment of the stated requirements should be done • The required tools and resources for testing need to be accumulated before the beginning of the testing process Report a Bug Prev YOU MIGHT LIKE: **COURSE SOFTWARE TESTING SOFTWARE TESTING** SoapUl What is FRONTENO **Tutorials Front End Testing?** for TESTING **Beginners** Tools & x(nom)

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testing technique in which

Front End Testing is a

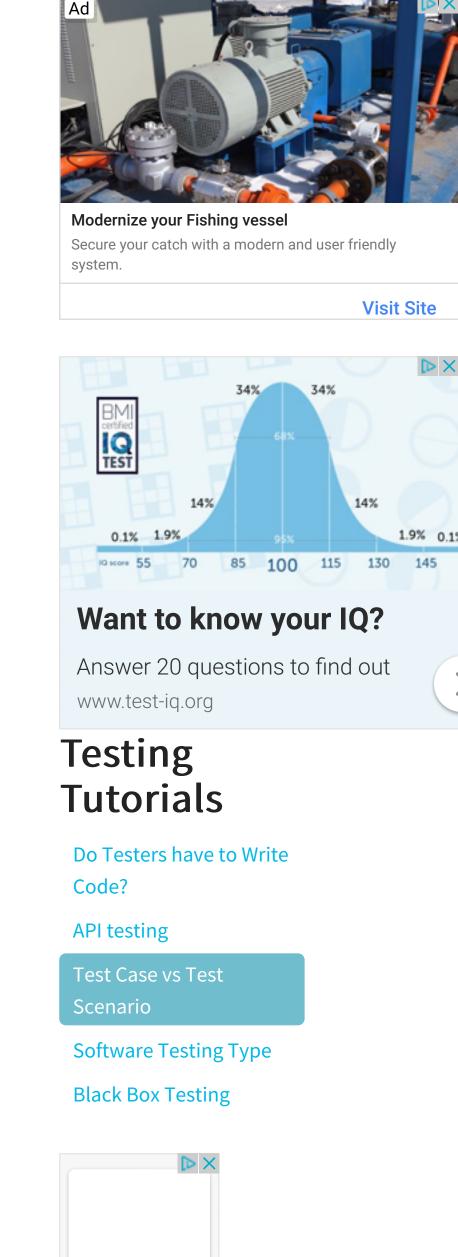
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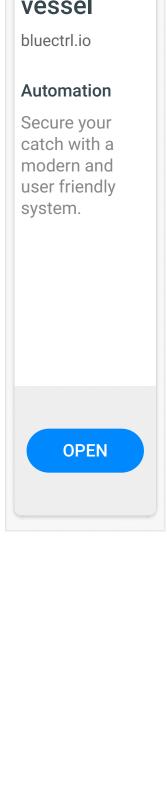
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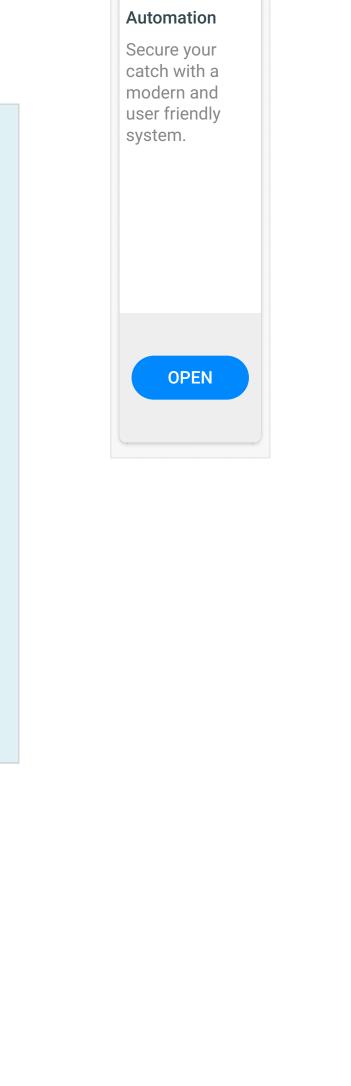
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