**Tips to Create Test Scenarios**

* Each Test Scenario should be tied to a minimum of one Requirement or User Story as per the Project Methodology.
* Before creating a Test Scenario that verifies multiple Requirements at once, ensure you have a Test Scenario that checks that requirement in isolation.
* Avoid creating overly complicated Test Scenarios spanning multiple Requirements.
* The number of scenarios may be large, and it is expensive to run them all. Based on customer priorities only run selected Test Scenarios

## Example 1: Test Scenario for eCommerce Application

For an eCommerce Application, a few test scenarios would be

In order to help you understand the difference Test Scenario and Test Cases, specific test cases for this Test Scenario would be

1. Check system behavior when valid email id and password is entered.
2. Check system behavior when *invalid* email id and *valid* password is entered.
3. Check system behavior when *valid* email id and *invalid*password is entered.
4. Check system behavior when *invalid* email id and *invalid*password is entered.
5. Check system behavior when email id and password are left blank and Sign in entered.
6. Check Forgot your password is working as expected
7. Check system behavior when valid/invalid phone number and password is entered.
8. Check system behavior when “Keep me signed” is checked

**Test Scenario 2:**Check the Search Functionality

**Test Scenario 3:**Check the Order History

Apart from these 5 scenarios here is the list of all other scenarios

* Check Home Page behavior for returning customers
* Check Category/Product Pages
* Check Customer Service/Contact Pages
* Check Daily Deals pages

## Functional Test Scenarios for Payment Gateway:

1) User Data transmitted to the gateway must be set over a secured(HTTPS or other) channel.

2) Some application ask User to store Card information. In that case, system should store Card information in encrypted format.

3) Check for all mandatory fields validation. System should not go ahead with payment process if any data for any field is missing.

4) Test with Valid Card Number + Valid Expiry Date + Invalid CVV Number.

5) Test with Valid Card Number + Invalid Expiry Date + Valid CVV Number.

6) Test with Invalid Card Number + Valid Expiry Date + Valid CVV Number.

7) Test all Payment Options. Each payment option should trigger respective payment flow.

8) Test with multiple currency formats(if available).

9) Test with a Blocked Card Information.

10) Try to submit the Payment information after Session Timeout.

11) From Payment Gateway Confirmation page try to click on Back button of browser to check Session is still active or not.

12) Change Payment Language during Payment process.

13) Check the behavior when payment gateway stops responding to the request. Stop the process and verify if payment is debited or not.

14) Try to disconnect the internet connection while payment process is in progress.

15) Check after successful payment all necessary data retrieved at application or not.

16) Verify that End user gets a notification email upon successful payment.

17) Verify that End user gets a notification email with proper reason upon payment failure.

18) Some application provides confirmation through pop-up dialogues. Test this feature by keeping web browser pop-up on.

19) Test authorization receipt after successful payment. Verify all fields carefully.

**Severity**

The severity can be **major, minor, and critical**, the severity in the test case talks about the importance of that particular test cases. All the text execution process always depends on the severity of the test cases.

We can choose the severity based on the module. There are many features include in a module, even if one element is critical, we claim that test case to be critical. It depends on the functions for which we are writing the test case.

**For example,** we will take the Gmail application and let us see the severity based on the modules:

|  |  |
| --- | --- |
| **Modules** | **Severity** |
| Login | Critical |
| Help | Minor |
| Compose mail | Critical |
| Setting | Minor |
| Inbox | Critical |
| Sent items | Major |
| Logout | Critical |