

Test Plan- *OpenCart Site*

(Krittika Agrawal)

Table of Contents

1. Objective	3
2. Scope	
2.1. Features to be tested	3
2.2. Features not to be tested	4
3. Test Methodology	4
4. Approach	4
5. Assumption	4
6. Risk	4
7. Back up/ Mitigation	4
8. Roles & Responsibility	5
9. Scheduling	5
10. Defect Tracking	5
11. Test Environment	5
12. Entry/Exit Criteria	5
12.1 Entry Criteria	5
12.1 Exit Criteria	5
13. Test Automation	6
14. Deliverables	6
15. Templates	6

1. OBJECTIVES:

The test objectives are to verify the functionality of Opencart site. The test plan describes the scope, approach, resources, and schedule of the outlook.

2. SCOPE:

2.1. Feature to be tested:

Below features to be tested

Module Name	Description
URL	User should be able to navigate to the Opencart site home page by using the URL only on Chrome Browser- "https://demo.opencart.com/"
Home Page Entities	Below entities should be present on Home Page: 1. My Account 2. Wish List(0) 3. Shopping Cart 4. Checkout 5. Search Box
Entities for Easy Search	Only below entities should be present on Home Page to make search easy: 1. Desktops 2. Laptops and Notebooks 3. Cameras
Alert Message	On home page, user should not add items to cart before logging in and should display alert message "Please login to continue your shopping".
My Account entity	On clicking "My Account" on home page, user should get below two options: 1. Register 2. Login On clicking Register option, should navigate opencart registration page and should have below fields. 1. First Name 2. Last Name 3. E-Mail (Should be abc@abc.com format) 4. Password 5. Confirm Password 6. Subscribe with option yes/no check box 7. "I have read and agree to the Privacy Policy" check box 8. Continue button

2.2. Feature not to be tested:

N/A

3. TESTING METHODOLOGY:

In this project the following testing needs to be conducted:

1. System Testing: Testing the complete application.
2. Integration Testing: Individual software modules are integrated and tested as a group.
3. Component Testing: Every component of a system needs to be tested.
4. Load Testing- Test how many members can use the application at a time

4. APPROACH:

In this project, Agile Methodology approach will be followed. Testers need to prepare test scenarios, and test cases, maintain defect report and maintain the RTM sheet.

5. ASSUMPTION:

1. Testers will be provided with all the required documents for testing.
2. Proper support is extended by the development team during testing.
3. KT's provided to the testers before execution.

6. RISK:

1. The project schedule is too tight so it's hard to complete this project on time.
2. Lack of KT may reduce the product quality.

7. BACK UP/MITIGATION:

1. Priority for each of the test cases should be provided.
2. Need of extra resources in case of lack of time.

8. ROLES AND RESPONSIBILITIES:

Role	Responsibility
Test Manager	Takes care of testing environment
Test Lead	Review test cases, assign tasks
Tester	Test cases, defects

9. SCHEDULING:

Activities	Start Date	End Date
Test case creation	04/10/2022	05/10/2022
Test case review	05/10/2022	05/10/2022
System Testing	05/10/2022	05/10/2022
Load Testing	06/10/2022	06/10/2022
Integration Testing	06/10/2022	06/10/2022
Component Testing	06/10/2022	06/10/2022
Defect Testing	07/10/2022	08/10/2022

10. DEFECT TRACKING:

Severity	Priority
Critical	High
High	Medium
Medium	Low
Low	

11. TEST ENVIRONMENT:

Need to be tested in User Acceptance Testing(UAT) and Software Integration Testing(SIT).

12. ENTRY/EXIT CRITERIA:

12.1. ENTRY CRITERIA:

Once all the test scenarios and test cases are reviewed, test execution can be started.

12.2. EXIT CRITERIA:

All the major defects should be closed to complete the testing. Run rate is mandatory to be 100% unless a clear reason is given.

13. Test Automation:

The Opencart site must be tested using selenium test automation approach.

14. DELIVERABLES:

1. Test cases and test plan documents.
2. Traceability Matrix
3. Defect Sheet
4. Procedure to install the build

15. TEMPLATES:

Use below templates to create test cases and maintain defects.



TestCase.xlsx



Defect.xlsx