Test Plan Template

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1. OBJECTIVE

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project OpenCart.

2. SCOPE

2.1 Features to be tested

Below features to be tested.

Module Name	Description
Navigation	User should be able to navigate to the OpenCart site home page by using the URL only on Chrome Browser
Home Page options verification	Below entities should be present on Home Page: 1) My Account 2) Wish List (0) 3) Shopping Cart 4) Checkout 5) Search Box
Home page search verification	Only below entities should be present on Home Page to make search easy: 1. Desktops 2. Laptops and Notebooks 3. Cameras
Login verification	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 Page verification	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 Features not to be tested

NA

3. TESTING METHODOLOGY

In this project below testing need to be conducted.

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

4. APPROACH

In this project we follow Agile Methodology. Testers need to prepare Test Cases and Maintain Defect sheet. Test Case need to review before execution.

5. ASSUMPTION

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

6. RISK

1. Project duration is short and whole team should work effectively to complete the project on time.
2. Lack of KT may reduce the product quality.

7. BACK UP/MITIGIATION

1. Need of extra resources in case of lack of time.

8. ROLES & RESPONSIBILITY

Role	Responsibility
Test Manager	Take care of testing environment
Test Lead	Assign task, Review Test Cases, Test Plan
Tester	Test Case, Defect Sheet, Traceability Matrix

9. SCHEDULING

Activities	Start Date	End Date
Test Case Creation	6/10/2022	7/10/2022
Test Case Review	7/10/2022	7/10/2022
Component Testing	4/10/2022	4/10/2022
Integration Testing	5/10/2022	7/10/2022
System Testing	10/10/2022	13/10/2022
Defect Testing	14/10/2022	14/10/2022
Regression Testing	15/10/2022	15/10/2022

10. DEFECT TRACKING

Severity	Priority
Critical	High
High	Medium
Minor	Low
Low	

11. TEST ENVIRONMENT

Need to be tested in SIT, UAT.

12. ENTRY/EXIT CRITERIA

12.1 Entry Criteria

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

12.2 Exit Criteria

All the Major defects should be closed in order to complete the testing.

13. TEST AUTOMATION

N/A

14. DELIVERABLES

1. Test cases
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