TEST PLAN OF OPENCART

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1.Objective

This test plan contains all the details of testing procedures carried out for OpenCart website.

2. SCOPE

2.1 Features 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 |
| Homepage | Below entities should be present on Home Page: 1. My Account  2. Wish List(0)  3. Shopping Cart  4. Checkout  5. Search Box |
| Homepage | Only below entities should be present on Home Page to make search easy:  1. Desktops  2. Laptops and Notebooks  3. Cameras |
| Homepage | User should not add items to cart before logging in. |
| My Account | 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. The homepage module, register module must be tested separately.

2. Integration Testing- Individual software modules are combined and tested as a group.

3. Load Testing- Test how many users can use the OpenCart website at a time,

4. System Testing- Test the complete OpenCart web application.

4. APPROACH

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

5. ASSUMPTION

1. Testers will be provided with SRS and other necessary documents for testing

2. Proper support is extended by development team during testing in case of bug arising.

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 | Create Test Case, Defect Sheet, Traceability Matrix |

9. SCHEDULING

|  |  |  |
| --- | --- | --- |
| Activities | Start Date | End Date |
| Test Case Creation | 04/10/22 | 05/10/22 |
| Test Case Review | 06/10/22 | 06/10/22 |
| Component Testing | 07/10/22 | 08/10/22 |
| Integration Testing | 09/10/22 | 11/10/22 |
| System Testing | 12/10/22 | 15/11/22 |
| Load testing | 16/11/22 | 17/11/22 |

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. Requirement Traceability Matrix

3. Defect Sheet

4. Procedure to install the build

15. TEMPLATES

Use below templates to create test cases and maintain defects.

Icon

Description automatically generated Icon

Description automatically generated

TestCase.xlsx Defect.xlsx