



TEST PLAN

Table of Contents

1. INTRODUCTION.....	4
2. SCOPE.....	4-5
3. OBJECTIVE.....	5
4. TEST METHADODOLOGY.....	5
5. TEST APPROACH.....	6
6. ASSUMPTION.....	6
7. RISKS.....	6
8. MITIGATION PLAN.....	6
9. ROLES AND RESPONSIBILITY.....	7
10.SCHEDULING.....	7
11.DEFECT TRACKING.....	7-8
12.TEST ENVIRONMENT.....	8
13.ENTRY AND EXIT CRITERIA.....	8-9
14.TEST AUTOMATION.....	9
15.DELIVERABLES.....	9
16.TEMPLATES.....	10
17.REFRENCES.....	10

REVIEW HISTORY

Versions	Author	Reviewed by	Approved by	Comments	Status
1.1	Kavya K B				

1. INTRODUCTION

As part of the project, 'OpenCart' asked Kavya to test few functionalities of 'https://demo.opencart.com/' web application. This document serves as high level test planning document with details on the scope of the project, test strategy, test schedule and resource requirements, test deliverables and schedule.

2. SCOPE

The scope of the project includes testing the following features of 'https://demo.opencart.com/' web application.

Features need to be tested :

- Register
- Login & Logout
- Forgot Password
- Search
- Product Compare
- Product Display Page
- Add to Cart
- Wish List
- Shopping Cart
- Currencies
- Home Page
- Checkout Page
- My Account Page
- Order History Page
- Downloads Page
- Contact Us Page
- Menu Options
- Footer Options
- Category Pages

Features need not to be tested:

- Any features added later
- Automation

3. OBJECTIVE

The objective of the test plan for the OpenCart application is to ensure the functionality, reliability, and performance of the e-commerce platform while maintaining a seamless and secure user experience.

4. TEST METHADODOLOGY

The test methodology explains how to thoroughly test the OpenCart application step by step, making sure its features work properly and provide a good user experience by doing different types of testing.

4.1 Testing Levels:

- **Unit Testing:** Testing the individual components thoroughly in the OpenCart software.
- **Integration Testing:** Testing the dataflow between the module in the OpenCart software.
- **System Testing:** Testing the end-to-end flow of the OpenCart Software

4.2 Testing Types:

- Smoke testing, Sanity testing, integration testing, component testing, system testing, Adhoc testing, Regression testing, retesting, Usability testing, GUI testing, Globalization testing.

4.3 Testing Technique:

- Manual Testing

5. TEST APPROACH:

The testing approach for OpenCart explains how to thoroughly check the application's features, performance, and ease of use to ensure it works well and meets business and user needs. The goal is to create a reliable and smooth e-commerce platform.

- Requirement analysis
- Test Planning
- Test Case Development
- Test Case Execution
- Defect tracking and reporting
- Test Closure

6. ASSUMPTION

- Resources may be not available after start testing.
- Technology may be not available after start testing.
- Development Team may not available after start testing.
- Knowledge Transfer may not done properly.
- Supporting document not prepared properly.

7. RISKS

- If our assumption fails then we will be under risks.

8. MITIGATION PLAN

- We have to prepare the backup plan for all the assumption, if it failed we use our backup plan.

9. ROLES AND RESPONSIBILITY

Name	Roles	Responsibilities
Person A	Test Manger	✓ Escalations
Person B	Test Lead	✓ Create the Test Plan and get the client signoffs. ✓ Interact with the application, create and execute the test cases. ✓ Report defects. ✓ Coordinate the test execution. Verify validity of the defects being reported. ✓ Submit daily issue updates and summary defect reports to the client. ✓ Attend any meeting with client.
Person C	Test Engineer	✓ Interact with the application ✓ Prepare Test Plan ✓ Execute the Test cases. ✓ Report defects

10.SCEDULING

Following is the test schedule planned for the project:

Tasks	Duration
Creating Test Plan	Start date and End date
Test Case Creation	Start date and End date
Test Case Execution	Start date and End date
Summary Reports Submission	Date

11.DEFECT TRACKING

During the test execution :

- Any deviation from expected behaviour by the application will be noted. If it can't be reported as a defect, it'd be reported as an observation/issue or posed as a question.
- Any usability issues will also be reported.
- After discovery of a defect, it will be retested to verify reproducibility of the defect. Screenshots with steps to reproduce are documented.
- Every day, at the end of the test execution, defects encountered will be sent along with the observations.

Defect documentation Tool:

- Defects will be documented in a google sheet.
- Test scenarios and Test cases will be documented in an google sheet document.

12.TEST ENVIRONMENT / TEST BED

- Windows 11 – Chrome, Firefox and Edge
- Android Mobile OS – Chrome

13.ENTRY AND EXIT CRITEREA

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

Requirement Analysis

Entry Criteria:

- Once the testing team receives the Requirements Documents or details about the Project

Exit Criteria:

- List of Requirements are explored and understood by the Testing team
- Doubts are cleared

Test Planning

Entry Criteria:

- Testable Requirements derived from the given Requirements Documents or Project details
- Doubts are cleared

Exit Criteria:

- Test Plan document (includes Test Strategy) is signed-off by the Client

Test Designing

Entry Criteria:

- Test Plan Document is signed-off by the Client

Exit Criteria:

- Test Scenarios and Test Cases Documents are signed-off by the Client

Test Execution

Entry Criteria:

- Test Scenarios and Test Cases Documents are signed-off by the Client
- Application is ready for Testing

Exit Criteria:

- Test Case Reports, Defect Reports are ready

Test Closure

Entry Criteria:

- Test Case Reports, Defect Reports are ready

Exit Criteria:

- Test Summary Reports

14.TEST AUTOMATION

Not applicable, for this OpenCart Application we are doing only Manual Testing technique.

15.DELIVERABLES

Deliverables documents	Date of Submission
Test Plan document	Date
Test Case document	Date
Traceability matrix document	Date
Test Case Execution document	Date
Defect Tracking Report document	Date
Test Summary Report document	Date

16.TEMPLATES

Template name	Document Link
Test Plan template	
Test Case template	
Traceability matrix template	
Test case execution report template	
Defect report template	

REFERENCE DOCUMENTS:

1. CRS document
2. SRS document
3. FS document
4. Design document
5. Use Case document