



**Project Name** :- Opencart  
**Project Code** :- Circuit Pioneers\_066  
**Approved by** :- Geethika Mam  
**Given by** :- Anjali Shaw  
**Tested by** :- Atul Pal

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# INTRODUCTION

This document outlines the comprehensive testing methodology, objectives, and execution plan for the opencart. The test plan encompasses key aspects such as functional testing, compatibility checks, and schedule management for the e-commerce gadget platform.

**Platform Under Test (PUT):** [<https://demo.opencart.com/>]

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## OBJECTIVE

- Validate the functionality of critical features: user registration, add to cart, Checkout, and account manage.
  - Ensure smooth performance across multiple web browsers
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## SCOPE

This test plan addresses the functional and compatibility testing of the opencart web platform on various browsers and operating systems.

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## TESTABLE FEATURES

- User Registration
- Add to Cart
- Purchasing

- Account Manage
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## TESTING STRATEGY

**Operating Systems:** Windows 11 and macOS

**Browsers:** Google Chrome, Microsoft Edge, and Firefox

**Testing Tools:**

- Jira for tracking test activities
  - Microsoft Excel for maintaining Sheets
  - Xmind for mind map
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## TEAM ROLES AND RESPONSIBILITIES

NAME	ROLE	RESPONSIBILITIES
Geethika Mam	<b>Test Manager</b>	Oversee test operations, allocate resources, manage risk, and resolve challenges.
Anjali Shaw	<b>Team Lead</b>	Plan test strategies, assign tasks, monitor team performance, and ensure the quality of outputs.
Atul Pal	<b>Test Engineer</b>	Create and execute test cases, analyze defects, and validate fixes.

## TEST TIMELINES

TASK	DATE
MIND MAP DEVELOPMENT	12 Nov 2024
TEST PLAN DOCUMENTATION	13 Nov 2024
TEST CASE CREATION	14 Nov 2024
TEST CASE EXECUTION	15 Nov 2024
SUMMARY REPORT SUBMISSION	16 Nov 2024

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## DELIVERABLES

ITEM	DESCRIPTION	OWNER	DEADLINE
Test Plan	Outlines testing objectives, scope, and strategies.	MASAI	13 Nov 2024
Test Cases	Covers both functional and usability testing scenarios.	MASAI	14 Nov 2024
Defect Reports	Details of identified issues and resolutions.	MASAI	15 Nov 2024

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## CRITERIA FOR TESTING PHASES

### Entry and Exit Points:

#### 1. Requirement Analysis

- Entry: Obtain requirement documents.
- Exit: Confirm all queries are resolved, and requirements are clearly understood.

## 2. Test Planning

- Entry: Draft test strategy and review with stakeholders.
- Exit: Approved test plan.

## 3. Test Design

- Entry: Finalized and approved test plan.
- Exit: Comprehensive test cases reviewed and approved.

## 4. Test Execution

- Entry: Approved test cases and application readiness.
- Exit: Completed defect reports and case reports.

## 5. Test Closure

- Entry: Completed testing activities and defect resolutions.
- Exit: Summary report, outlining overall results.

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## TOOLS UTILIZED

- Xmind for planning
- Google Sheets for test case management
- Slack for communication

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## CHALLENGES AND SOLUTIONS

**Challenge:** Lack of automation resources

**Solution:** Assign backup manual testers and introduce automation training.

**Challenge:** Unavailable documentation

**Solution:** Rely on subject-matter experts to gather implicit requirements.

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## APPROVALS

- The project manager will approve the test plan, scenarios, and reports before progressing to subsequent phases.

**End of Document**