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Test Plan Tutorials Ninja

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1. Introduction

Project Name: Tutorials Ninja - Product Pages & Reward Points System.

Prepared By : Shivam Barman

Data: 04/02/2025

Reviewed By : MR.Shiva Kumar

Version : Website

Approved By : MR.Shiva Kumar

2. Objective

To ensure the highest quality seamless functionality of the. “Verify the core functionality of the website” & Feature on the Opencart demo e-commerce website. This website identifies defects and ensures a bug-free user experience. The goal is to identify any issues impacting users or operational efficiency ensuring a robust and user friendly Feature.

3. Scope

The scope includes Functional ,UI, Performance,and Security testing for the website. The key areas of testing.

- User Registration and login.
- Product search and browsing.
- Shopping cart functionality.
- Checkout and payment process.
- Order history and user account management.

4. Testable Features

- User Registration & Login.
- Product Search.
- Product Page Functionality.
- Add to Cart & Remove from Cart.
- Checkout & Payment Gateway.
- Order Confirmation & History.
- UI & Responsiveness Testing.

5. Testing Approach

- **Functional Testing** - all features work as expected.
- **UI Testing** - Checking layout consistency across browsers.
- **Performance** - website load times and handling peak traffic.
- **Security Testing** - Verifying user authentication, payment security, and data protection.

6. Roles & Responsibility

Roles	Responsibility
Test Manager	Define testing strategy
QA Engineers	Execute test cases, log defects, report issues
Test Lead	Manage test plan and handle
Developer	Fix bugs reported by tester
Project Manager	Over all test Execution

7. Test Schedule

Task	Time Duration
Test Plan Creation.	04-02-2025
Test Cases Report	05-02-2025
Test Scenario execution	06-02-2025

Bug Report	06-02-2025
Test Summary Report	07-02-2025
Test Closure	07-02-2025

8. Test Deliverables

- Test Plan Document.
- Test Scenarios and Test Cases.
- Defect Reports.
- Test Summary Report.
- Xmind Presentation Report.

9. Entry and Exit Criteria

Entry Criteria

- Test Environment Setup is complete.
- Test Data is prepared and available.
- Test Cases are reviewed and approved.
- Requirement documents
- Development is completed for the testable modules.

Exit Criteria

- All planned test cases are executed.
- Test summary report is reviewed and approved.
- All critical and major defects are fixed.
- Test reports are reviewed and approved.
- Regression testing is completed.

10. Tools

- ❖ Google Sheet
- ❖ Google Doc
- ❖ Zephyr- Test Management

- ❖ Jira - Project management tool

11. Risk & mitigation

Risk :- Team member availability issues.

Mitigation :- Cross-train team members and maintain detailed documentation.

Risk :- Changes in website functionality test cases.

Mitigation :- Regular updates and reviews of the test plan.

Risk :- Delays in test environment setup.

Mitigation :- Prepare backup plans for alternative testing setup.

12. Approvals

- ❖ **Project Manager Approval:** Approve test plan and schedule.
- ❖ **QA Lead Approval:** Approve test cases and strategy.
- ❖ **Development Team Approval:** Confirm test environment readiness.
- ❖ **Client Approval:** Sign-off on test plan and schedule