**Test Plan for OpenCart Ecommerce Website**

**Application URL:**  <https://tutorialsninja.com/demo/>

**Prepared By:** Kothakamma Devendra

**Date:** 28/8/2025

**Module 1: Product Search and Filter**

**1.Test Plan Identifier**

TP\_ProductSearchandFilter\_2025\_V1

**2. Introduction**

This test plan is to validate the product search and filter functionality

**3.Test Items**

Search bar, search button, search results page, filter options , sorting options, logo, footer

**4.Features to be Tested**

Search bar, search button, search results page, filter options , sorting options

**5.Features Not to be Tested**

logo, footer

**6.Approach**

Manual Testing + Automation Testing (Selenium + TestNG)

Cross Browser Testing(Chrome , Firefox, Edge)

**7.Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8.Suspension Criteria and Resumption Requirements**

N/A

**9.Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

**10.Environmental Needs**

Windows 10/11, Chrome , Edge, FireFox, Excel, Testing Tools, Eclipse IDE

**11.Responsibilities**

Devendra

**12.Schedule**

**Activity Timeline**

Test Planning 28/8/2025

TestCase Design 29/8/2025

**13.Risks and Contingencies**

No Risk

**14.Approvals**

**Test Lead**

**Project Manager**

**Module 2: Product Details and Cart Management**

**1.Test Plan Identifier**

TP\_ProductAndCart\_2025\_V1

**2. Introduction**

This test plan is to validate Product Details page , Cart and checkout functionality

**3.Test Items**

Product page, Add to cart button, Remove from cart, Wishlist Button , Compare Button, Updating quantity, Checkout Button, logo, footer

**4.Features to be Tested**

Product page, Add to cart button, Remove from cart, Wishlist Button , Compare Button, Updating quantity, Checkout ButtonC

**5.Features Not to be Tested**

logo, footer

**6.Approach**

Manual Testing + Automation Testing (Selenium + TestNG)

Cross Browser Testing(Chrome , Firefox, Edge)

**7.Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8.Suspension Criteria and Resumption Requirements**

N/A

**9.Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

**10.Environmental Needs**

Windows 10/11, Chrome , Edge, FireFox, Excel, Testing Tools, Eclipse IDE

**11.Responsibilities**

Devendra

**12.Schedule**

**Activity Timeline**

Test Planning 28/8/2025

TestCase Design 29/8/2025

**13.Risks and Contingencies**

No Risk

**14.Approvals**

**Test Lead**

**Project Manager**

**Module 3: User Account Management**

**1.Test Plan Identifier**

TP\_Profile\_2025\_V1

**2. Introduction**

This test plan is to validate the profile management

**3.Test Items**

Profile page - edit info, change password, address , wishlist, logo, footer

**4.Features to be Tested**

updating profile with valid and invalid data, Error messages and validation

**5.Features Not to be Tested**

logo, footer

**6.Approach**

Manual Testing + Automation Testing (Selenium + TestNG)

Cross Browser Testing(Chrome , Firefox, Edge)

**7.Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8.Suspension Criteria and Resumption Requirements**

N/A

**9.Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

**10.Environmental Needs**

Windows 10/11, Chrome , Edge, FireFox, Excel, Testing Tools, Eclipse IDE

**11.Responsibilities**

Devendra

**12.Schedule**

**Activity Timeline**

Test Planning 28/8/2025

TestCase Design 29/8/2025

**13.Risks and Contingencies**

No Risk

**14.Approvals**

**Test Lead**

**Project Manager**

**Module 4: Registration Page**

**1.Test Plan Identifier**

TP\_UserRegistration\_2025\_V1

**2. Introduction**

This test plan is to validate the user registration page

**3.Test Items**

Firstname, Lastname, email, telephone, password, confirm password, privacy policy checkbox, continue button, logo, footer

**4.Features to be Tested**

Firstname, Lastname, email, telephone, password, confirm password, privacy policy checkbox, continue button, valid and invalid data, error messages validation

**5.Features Not to be Tested**

logo, footer

**6.Approach**

Manual Testing + Automation Testing (Selenium + TestNG)

Cross Browser Testing(Chrome , Firefox, Edge)

**7.Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8.Suspension Criteria and Resumption Requirements**

N/A

**9.Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

**10.Environmental Needs**

Windows 10/11, Chrome , Edge, FireFox, Excel, Testing Tools, Eclipse IDE

**11.Responsibilities**

Devendra

**12.Schedule**

**Activity Timeline**

Test Planning 28/8/2025

TestCase Design 29/8/2025

**13.Risks and Contingencies**

No Risk

**14.Approvals**

**Test Lead**

**Project Manager**

**Module 5: Login Page**

**1.Test Plan Identifier**

|  |
| --- |
| TP\_Login\_2025\_V1 |

**2. Introduction**

This test plan is to validate the login page

**3.Test Items**

Email field, password field, login button, logo, footer

**4.Features to be Tested**

Email field, password field, login button , valid and invalid data, error messages and validation, logo, footer

**5.Features Not to be Tested**

logo, footer

**6.Approach**

Manual Testing + Automation Testing (Selenium + TestNG)

Cross Browser Testing(Chrome , Firefox, Edge)

**7.Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8.Suspension Criteria and Resumption Requirements**

N/A

**9.Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

**10.Environmental Needs**

Windows 10/11, Chrome , Edge, FireFox, Excel, Testing Tools, Eclipse IDE

**11.Responsibilities**

Devendra

**12.Schedule**

**Activity Timeline**

Test Planning 28/8/2025

TestCase Design 29/8/2025

**13.Risks and Contingencies**

No Risk

**14.Approvals**

**Test Lead**

**Project Manager**