**Project Name : OpenCart**

**Test Plan**

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| **Document Author** | **Document version** | **Date** | **Approve by** |
| **Avinash Kanoujiya** | **1.0** | **27/01/2025** | **Amit jha** |

**Date  - - - - >>>> 21/01/2025**

**Practicals on Test plan** - - - - >>>> OpenCart (Frontend) demo application…..

**Test plan Identifier : - - - - >>>>** OpenCart (Frontend) 1.0 MTP 1.0

**Introduction : - - - - - >>>>**

OpenCart is a free open source e-commerce platform for online merchants.

A powerful cloud-based solution for your business, hosted on Turbo-fast NVMe SSD for exceptional speed and performance. No need to purchase or configure separate hosting—everything is managed for you. OpenCart Cloud offers multiple plans, allowing businesses of all sizes to choose the perfect fit for their needs. Enjoy seamless scalability, security, and hassle-free management with OpenCart Cloud.

**References : - - - - >>>>**

 Web Application.

**Test Items : - - - - >>>>**

● Register

 - Well-organized menu.

 - Ability to input "First Name," "Last Name," "E-Mail," "Telephone,

    " "Password," etc.to create a new account.

- Should have a back option.

● Login and Logout

- Well-organized menu.

- Ability to choose currency.

- Options for "Contact," "My Account," "Wish List," "Shopping Cart," "Checkout," and "Item."

- Forgot the password link.

- Should have a back option.

● Login and Logout

- Well-organized menu.

- Ability to input E-Mail address.

- Instruction text on top.

- Back and continue options.

● Search

- Organized Search bar

● Product Compare

- Allows comparing specifications, features, and prices of multiple products.

- Should have back and Show more/Show less options.

- Add to cart and remove options.

● Your Store Page

- Currency choice.

- Options for "Contact," "My Account," "Wish List," "Shopping Cart," "Checkout," and "Item."

- Search product feature.

- "Show more/Show less" after product description.

- More product options.

- Clickable products.

- "Wish list" and "compare" options.

- Navigation to OpenCart Homepage.

- Functional page numbers and next/previous buttons.

- The price displayed on products.

● Product Detail Page

- Product image with alternate views.

- Product details: code, availability, price.

- Cart functionality: select quantity, add to cart, wish list, compare.

- Rating/Sharing: rate the product, and share on social media.

- Description and review tabs.

● Other features

- Add To Cart

- Shopping Cart

- Currencies

- Checkout page

- My Account Page

- Download Page

- Contact Us Page

- Footer Option

- Category option

**Features to be Tested  : - - - - >>>>**

Register, Login and Logout, Forgot Password, Search, Product Compare, Your Store Page, Product Detail Page, Add To Cart, Currencies, Home Page, Checkout, My Account, Change Password, Newsletter, Contact Us, Currencies.

**Feature to be not Tested : - - - - >>>>**

  Any feature added later ,

1)[Features](https://www.opencart.com/index.php?route=cms/feature),

2)[Refund Policy](https://www.opencart.com/index.php?route=cms/refund),

3)[Privacy Policy](https://www.opencart.com/index.php?route=cms/privacy),

4) [Terms & Conditions](https://www.opencart.com/index.php?route=cms/terms)

5)[About Us](https://www.opencart.com/index.php?route=cms/company),

**Test Environment : - - - - >>>>**

1.RAM :- 8GB OR 16GB.

2.PROCESSOR :- i3 , i5 , i7 etc.

3.BROWSERS :- Google Chrome, Mozilla Firefox, IE,Operamini,Safari etc.

4.Operating Systems :- Windows or Linux.

5.Server :- Apache TOMCAT.

6.PDF Reader :- Adobe reader.

7.Defect Tracking Tool :- MANTIS BT,BUGZILLA,JIRA.

8.Test Management Tool :- TestLink,Zephyr.

**Test Deliverables  : - - - - >>>>**

 Test plan.

Test Scenario documents.

Test case documents.

Defects Reports.

**Test Approach  : - - - - >>>>**

1.Type :- Manual Testing.

2. Levels :- Validation/System Testing

**Suspend & resume criteria**

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| --- | --- |
| **Suspend Criteria** | **Resume Criteria** |
| 1) Showstoppers found. | 1) Showstoppers fixed. |
| 2) Electricity disconnected. | 2) Electricity resumed. |
| 3) Network not available. | 3) Network resumed. |
| 4) System crashed. | 4) System repaired. |

**Entry and Exit Criteria  : - - - - >>>> (Item Pass/Fail Criteria)**

1.Build should be available. (Entry level requirement)

2.All test cases should be properly executed. (100% tested coverage)

3.Required quality of the product should be achieved.

4.Atleast 95% to 99% of test cases should be passed.

**Software risk issues : - - - - >>>> [Product related risks]**

i) Electricity and network discontinued for the long period during testing process.

ii) System not in working condition in the middle of the testing.

iii) Government policy changes.

iv) Safety and Security related issues.

v) Incorrect SRS document.

vi) Incorrect HLD and LLD documents.

vii) Incorrect coding standards.

**Risk & Contingencies**

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| --- | --- |
| Risks | Contingencies |
| Delay in receiving Build | Build received in time |
| Electricity unavailable | Electricity resumed back |
| No proper training | Training done properly |
| No proper management | Proper management |
| Testers not available | Testers are available |

**Schedules : - - - - >>>>**

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| --- | --- | --- | --- |
| **Sr.no** | **Tasks** | **Dates** | **Days** |
| 1) | Test plan writing | 21/01/2025 | 1 Day |
| 2) | Test scenario writing | 22/01/2025 to 25/01/2025 | 4 Days |
| 3) | Test case writing | 26/01/2025 to 29/01/2025 | 4 Days |
| 4) | Test case execution | 30/01/2025 to 04/02/2025 | 6 Days |
| 5) | Defect report writing | 05/02/2025 to 08/02/2025 | 4 Days |

**Staffing and Training**

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| **Sr.no**  —-----------  1) | **Name of Test Lead**  —--------------------------------------  Mr. Amit Jha | **Name of Test Execution**  —--------------------------------  Avinash kanoujiya | **Training Topics**  —--------------------------  Test plan writing  Test scenario writing  Test case writing  Test case execution  Defect report writing |

**Approvals**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.No | Test Executive | Test Lead | Test Manager | Signature | Remarks |
| 1 | Mr. Avinash Kanoujiya | Mr. Amit Jha | Ms. Vijeta Rawat | xxxxx | yyyyyy |