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1. Introduction

OpenCart is free open-source e-commerce platform for online merchants. OpenCart provides a professional and reliable foundation from which to build a successful online store.

**Purpose of test plan:**

The purpose of a test plan for an OpenCart website is for ensuring the quality, reliability, and effectiveness of the website.

2. Test Objectives

The objectives of testing an OpenCart website includes of quality assurance and user experience. Some objectives are:

**Functionality:** Ensure that all features and functionalities of the OpenCart website work as expected without errors or glitches. This includes testing user registration, login, product search, checkout process, order management, payment processing, and administrative functions.

**Usability:** Assess the user interface (UI) and user experience (UX) of the website to ensure it is intuitive, easy to navigate, and visually appealing. Usability testing aims to identify any usability issues or barriers that could hinder user interaction and satisfaction.

3. Test items

Test items for an OpenCart website encompass various components, functionalities, and aspects that need to be tested to ensure the website's quality and reliability. Here are some common test items:

**User Interface (UI):**

* + Homepage layout and design
  + Navigation menus
  + Product category pages
  + Product detail pages
  + Shopping cart and checkout process
  + User registration and login pages

**Functionality:**

* + User registration and login functionality
  + Search functionality
  + Product browsing and filtering
  + Adding products to the cart
  + Cart management
  + Order management
  + Currency
  + Forgot password
  + Checkout

**Security:**

* Authentication mechanisms (login, registration)

**Exploration:**

* **Explore the application to understand the functionalities of the application.**

**4. Features to be tested**

* Register
* Login
* Logout
* Forgot Password
* Search
* Add to cart
* Wish List
* Checkout
* Currency

**5. Features not to be tested**

* Any feature that doesn’t come under **Features to be tested.**
* Automation testing

**6. Testing approach**

* Exploratory testing to understand the functionalities of the application
* Manual testing

**7.Testing Tools**

* MS – Word for writing test plan
* MS – Excel for writing test scenario, test cases and test result

**8. Test Environment**

* MacOS Chrome browser

**9. Test cases**

Detailed test cases for each feature or functionality, including:

* Test case ID
* Description
* Preconditions
* Steps to execute
* Expected results
* Actual results
* Pass/Fail Status

**10. Test Deliverables**

* Test plan
* Test Cases
* Defect/Bug report