### Test Plan for E-Commerce Website (Manual Testing)

#### 1. ****Test Plan Identifier****

* ECOM-TEST-002

#### 2. ****Introduction****

* This test plan outlines the approach, scope, resources, and schedule for manual testing of the e-commerce website. The objective is to ensure that all functionalities are working as intended and provide a seamless user experience.

#### 3. ****Objectives and Tasks****

****Objectives:****

* + Validate all core functionalities of the e-commerce website.
  + Ensure usability and accessibility standards are met.
  + Identify any defects or issues before deployment.

****Tasks:****

* + Functional Testing
  + Usability Testing
  + Compatibility Testing
  + Regression Testing
  + User Acceptance Testing (UAT)

#### 4. ****Scope****

****In-Scope:****

* + User registration and login processes.
  + Product search functionality (search bar, filters).
  + Shopping cart operations (add, remove items).
  + Checkout process (address entry, payment options).
  + Order confirmation and tracking features.
  + Customer reviews and ratings submission.

****Out-of-Scope:****

* + Backend database testing.
  + Performance/load testing.
  + Security testing beyond basic user access checks.

#### 5. ****Resources****

* ****Testing Team:****
  + Manual Testers
  + UI/UX Designers (for usability feedback)
  + Business Analysts (for requirement validation)

#### 6. ****Test Strategy****

The following types of manual tests will be conducted:

##### a) Functional Testing:

\* Verify that each function of the application operates in conformance with the requirement specification. #####

b) Usability Testing: \* Assess how easy it is for users to navigate through the site and complete tasks like searching for products or checking out. #####

c) Compatibility Testing: \* Ensure that the website works across different browsers (Chrome, Firefox, Safari) and devices (desktop, tablet, mobile). #####

d) Regression Testing: \* Re-test previously tested functionalities after changes or enhancements to ensure they still work as expected.

##### e) User Acceptance Testing (UAT):

* Conducted with real users to validate whether the system meets their needs before going live.

#### 7. ****Test Environment****

* The tests will be conducted in a staging environment that mirrors production settings including:
  + Web server configurations
  + Database setup
  + Network conditions

#### 8. ****Test Schedule****

| Activity | Start Date | End Date |
| --- | --- | --- |
| Test Planning | [Start] | [End] |
| Test Case Development | [Start] | [End] |
| Test Execution | [Start] | [End] |
| Defect Reporting | Ongoing during execution |  |
| Final Review & Sign-off | [Date] |  |

#### 9. ****Test Deliverables****

* Test Plan Document
* Test Cases Document
* Defect Report
* Final Summary Report

#### 10. ****Risk Management****

****Identified Risks:****

* Incomplete requirements leading to missed test cases
* Changes in requirements during testing phase
* Limited availability of testers

****Mitigation Strategies:****

* Regular meetings with stakeholders for updates
* Prioritize critical functionalities first
* Maintain clear documentation

#### 11. ****Approval****

The test plan will be reviewed by project stakeholders including:

* Project Manager
* QA Lead
* Development Lead

This structured test plan can guide manual testers through their tasks while ensuring comprehensive coverage of essential aspects related to an e-commerce website's functionality and user experience.