**Test Requirement Document**

**1. Introduction**

The purpose of this document is to outline the test requirements for manual testing of the following modules/pages of the ecommerce website:

* Homepage
* Search Functionality
* Product Details Page
* Add to Cart Functionality
* Checkout Process
* Orders Page
* Customer Service Page

**2. Objectives**

The objectives of manual testing for each module/page are to:

* Ensure functionality and usability meet specified requirements.
* Verify correct integration and interaction between different modules.
* Validate data accuracy and reliability across user interactions.
* Identify and report any defects or inconsistencies in the application.

**3. Scope**

The scope of testing includes:

* Verification of user interface elements and navigation.
* Validation of functional requirements for each module/page.
* Testing across different browsers (Chrome, Firefox, Edge, etc.) and devices (desktop, mobile).
* Testing for typical user scenarios as well as edge cases.
* Integration testing where applicable, especially between modules like Add to Cart and Checkout.

**4. Approach**

Manual testing will be conducted based on predefined test scenarios and cases. The approach includes:

* **Test Scenario Design:** Each module/page will have specific test scenarios covering various functionalities and user interactions.
* **Execution:** Test cases will be executed manually by following step-by-step instructions.
* **Documentation:** Results, observations, and defects will be documented systematically for each test case.

**5. Test Scenarios**

**5.1 Homepage**

1. **Verify Homepage Elements:**
   * Open the browser and navigate to the homepage.
   * Check for the presence of navigation bar, product categories, and promotional banners.
   * Expected Result: All homepage elements should be displayed correctly and functional.
2. **Homepage Responsiveness:**
   * Access the homepage using different browsers and devices (desktop, mobile).
   * Ensure the homepage layout adapts responsively without visual or functional issues.
   * Expected Result: Consistent display and functionality across browsers and devices.
3. **Homepage Load Time:**
   * Measure the load time of the homepage using appropriate tools.
   * Ensure the homepage loads within acceptable time limits.
   * Expected Result: Homepage should load promptly without delays.

**5.2 Search Functionality**

1. **Verify Search Results:**
   * Enter a valid search query in the search bar.
   * Validate that relevant search results are displayed.
   * Expected Result: Search results should match the entered query accurately.
2. **Empty Search Validation:**
   * Perform a search with an empty query.
   * Verify that appropriate feedback or error message is displayed.
   * Expected Result: User should be informed to enter a valid search query.

**5.3 Product Details Page**

1. **Verify Product Information:**
   * Navigate to a product details page from search results.
   * Check for accurate display of product details such as description, price, and availability.
   * Expected Result: Product details should match the displayed information.
2. **Product Images:**
   * Confirm that all product images are displayed correctly and are high-quality.
   * Expected Result: Images should load without distortion or missing content.

**5.4 Add to Cart Functionality**

1. **Add Product to Cart:**
   * Select a product and add it to the cart.
   * Verify that the product is added with correct quantity.
   * Expected Result: Product should be successfully added to the cart.
2. **Cart Contents Validation:**
   * Navigate to the cart page after adding products.
   * Check that all added products are displayed with accurate details.
   * Expected Result: Cart should list all selected products correctly.

**5.5 Checkout Process**

1. **Proceed to Checkout:**
   * Start the checkout process from the cart page.
   * Verify that the checkout page displays relevant options for delivery, payment, and order summary.
   * Expected Result: Checkout process should proceed smoothly without errors.
2. **Payment Options:**
   * Test different payment methods (credit card, PayPal, etc.) during checkout.
   * Ensure each payment option is functional and processes transactions correctly.
   * Expected Result: Users should be able to successfully complete payments.

**5.6 Orders Page**

1. **My Orders Display:**
   * Navigate to the "My Orders" section from the user profile.
   * Verify that all placed orders are listed with complete details (order number, status, items, etc.).
   * Expected Result: All orders should be displayed accurately.
2. **Order Tracking:**
   * Select an order from the list and check the tracking information.
   * Validate that tracking details (shipment status, estimated delivery date, etc.) are updated.
   * Expected Result: Tracking information should be current and accurate.

**5.7 Customer Service Page**

1. **Customer Support Options:**
   * Access the customer service page from the website footer or help section.
   * Verify availability of customer support options such as email, chat, and phone.
   * Expected Result: Multiple modes of customer support should be accessible.
2. **Service Availability:**
   * Test the responsiveness and waiting time for each customer support option.
   * Validate that waiting times (if displayed) are accurate and reflective of current support load.
   * Expected Result: Users should be provided with timely and effective customer service options.

**6. Test Execution**

Manual testing will be conducted by following the above test scenarios. Testers will record observations, actual results, and any issues encountered during testing.