**Test Charter: E-Commerce Website**

*Objective*:

The objective of this testing charter is to ensure the functionality, usability, and security of the e-commerce website.

*Scope:*

The testing will focus on the key features and user flows of the e-commerce website, including but not limited to:

1. User registration and login

2. Product browsing and search functionality

3. Shopping cart and checkout process

4. Payment processing and order confirmation

5. Account management and profile settings

6. Product reviews and ratings

*Test Environment:*

The testing will be conducted in the following environment:

1. Operating System: Windows 10

2. Browsers: Chrome, Firefox, Safari, Edge (latest versions)

3. Mobile devices: Android and iOS (latest versions)

*Test Scenarios:*

1. User Registration and Login:

a. Verify that a new user can successfully register an account.

b. Validate the login functionality for registered users.

c. Test the "Forgot Password" feature to reset the password.

*2. Product Browsing and Search Functionality:*

a. Ensure that products are correctly categorized and displayed.

b. Test the search functionality by entering keywords and verifying accurate search results.

c. Verify the sorting and filtering options for product listings.

*3. Shopping Cart and Checkout Process:*

a. Add products to the cart and verify that they are displayed accurately.

b. Test the ability to modify the cart (update quantity, remove items).

c. Validate the checkout process, including shipping address, payment selection, and order summary.

4. Payment Processing and Order Confirmation:

a. Test the payment gateway integration with test payment methods (credit card, PayPal, etc.).

b. Verify that the payment process is secure, with encryption and no sensitive data leakage.

c. Validate the generation of order confirmation and invoice.

*5. Account Management and Profile Settings:*

a. Test the functionality to update user profile information.

b. Verify that users can change their account password.

c. Validate the ability to view order history and track shipment status.

*6. Product Reviews and Ratings:*

a. Test the functionality to submit product reviews and ratings.

b. Validate that reviews and ratings are correctly displayed and sorted.