**Software Requirements Specification (SRS) - Website Testing Project**

**(Modified to Include User Stories)**

**1. Introduction**

* **1.1 Purpose:** 
  + **This document outlines the requirements for testing the website "**[**http://automationexercise.com**](http://automationexercise.com)**". The purpose of this testing is to ensure the website's functionality, usability, and reliability.**
* **1.2 Scope:** 
  + **This project will encompass testing of core functionalities, including user registration, login, product browsing, shopping cart, checkout, contact form, and subscription features.**
* **1.3 Intended Audience:** 
  + **This document is intended for the testing team, developers, and project stakeholders.**

**2. Overall Description**

* **2.1 Product Perspective:** 
  + **The testing focuses on validating the website's user interface and backend functionality through a series of predefined test cases.**
* **2.2 Product Functions:** 
  + **The testing will verify the following functions:** 
    - **User registration and login.**
    - **Product browsing and searching.**
    - **Shopping cart and checkout process.**
    - **Contact form submission.**
    - **Subscription functionality.**
    - **Product reviews.**
    - **Invoice downloading.**
    - **Website navigation and scroll functionality.**
* **2.3 User Classes and Characteristics:** 
  + **Testing will simulate various user roles, including:** 
    - **New users registering for an account.**
    - **Existing users logging in.**
    - **Users browsing and purchasing products.**
    - **Users that are just browsing the site.**
* **2.4 Operating Environment:** 
  + **Testing will be conducted on various web browsers (e.g., Chrome, Firefox, Edge) to ensure cross-browser compatibility.**
* **2.5 Design and Implementation Constraints:** 
  + **Testing will adhere to the test cases provided.**

**3. Specific Requirements**

* **3.1 Functional Requirements:** 
  + **The testing team shall execute the following test cases:** 
    - **Test Case 1: Register User**
    - **Test Case 2: Login User with correct email and password**
    - **Test Case 3: Login User with incorrect email and password**
    - **Test Case 4: Logout User**
    - **Test Case 5: Register User with existing email**
    - **Test Case 6: Contact Us Form**
    - **Test Case 7: Verify Test Cases Page**
    - **Test Case 8: Verify All Products and product detail page**
    - **Test Case 9: Search Product**
    - **Test Case 10: Verify Subscription in home page**
    - **Test Case 11: Verify Subscription in Cart page**
    - **Test Case 12: Add Products in Cart**
    - **Test Case 13: Verify Product quantity in Cart**
    - **Test Case 14: Place Order: Register while Checkout**
    - **Test Case 15: Place Order: Register before Checkout**
    - **Test Case 16: Place Order: Login before Checkout**
    - **Test Case 17: Remove Products From Cart**
    - **Test Case 18: View Category Products**
    - **Test Case 19: View & Cart Brand Products**
    - **Test Case 20: Search Products and Verify Cart After Login**
    - **Test Case 21: Add review on product**
    - **Test Case 22: Add to cart from Recommended items**
    - **Test Case 23: Verify address details in checkout page**
    - **Test Case 24: Download Invoice after purchase order**
    - **Test Case 25: Verify Scroll Up using 'Arrow' button and Scroll Down functionality**
    - **Test Case 26: Verify Scroll Up without 'Arrow' button and Scroll Down functionality.1**
  + **Each test case shall be executed and documented, noting pass/fail results and any encountered defects.**
* **3.2 Non-Functional Requirements:** 
  + **3.2.1 Usability:** 
    - **The website shall be user-friendly and easy to navigate.**
  + **3.2.2 Reliability:** 
    - **The website shall function consistently without unexpected errors.**
  + **3.2.3 Performance:** 
    - **The website shall load pages and process requests within acceptable timeframes.**
  + **3.2.4 Compatibility:** 
    - **The website shall be compatible with major web browsers.**
* **3.3 Interface Requirements:** 
  + **Testing will focus on the user interface (UI) and ensure all elements function as intended.**
* **3.4 User Stories:** 
  + **As a new user, I want to be able to register an account so that I can make purchases.**
  + **As a returning user, I want to be able to log in with my credentials so that I can access my account.**
  + **As a user, I want to be able to browse products by category and brand so that I can easily find what I'm looking for.**
  + **As a user, I want to be able to add products to my cart and view my cart before checkout so that I can review my order.**
  + **As a user, I want to be able to complete the checkout process and place an order so that I can purchase the items in my cart.**
  + **As a user, I want to be able to search for products by name so that I can quickly find specific items.**
  + **As a user, I want to be able to subscribe to a newsletter so that I can receive updates and offers.**
  + **As a user, I want to be able to contact customer support through a contact form so that I can get help with my questions.**
  + **As a user, I want to be able to add reviews to products that I have purchased, so that I can share my experience.**
  + **As a user, I want to be able to download an invoice of my purchase so that I have a record of my transaction.**
  + **As a user, I want the page to scroll up and down, so I can easily navigate the website.**

**4. Acceptance Criteria**

* **All specified test cases shall be executed.**
* **All critical and high-priority defects shall be resolved.**
* **The website shall meet the specified usability, reliability, performance, and compatibility requirements.**
* **All user stories shall be validated through testing.**
* **A test summary report shall be provided, detailing test results and defect tracking.**