- **1. Scope:**

This document outlines the test plan, design, and strategy for automating user flows on the clothing store website "https://automationexercise.com/". The objective is to ensure the smooth functioning of the website across various user interactions, from product selection to order confirmation.

This test suite only checks the "buying a product" front end flow

- **2. Tools Used:**
  - Automation Framework: Cypress
  - Programming Language: JavaScript
  - Test Management Tool: TestRail (ideal scenario, but now it's not necessary because its only 1 test)
  - Video Capture Tool: ShareX

- **3. Test Cases and Strategy:**
    - **Each step has a validation to check for the correct front end**
  - Test Case 1: Buying a Product
    1. Scroll to the middle of the page.
    2. Click on a random product.
    3. Validate product details.
    4. Change quantity to 30.
    5. Add the product to the cart.
    6. View the cart.
    7. Proceed to checkout.
    8. Create a new user account.
    9. Verify account creation.
    10. Return to the cart.
    11. Place a comment on the checkout.
    12. Place the order.
    13. Fill credit card information.
    14. Submit credit card details.
    15. Validate order placement.
    16. Logout.
    17. Login with the created user.
    18. Click "Contact Us".
    19. Fill in the contact form.
    20. Logout.

- **4. Setting Up the Test Environment:**
  - Clone the Cypress automation repository from GitHub link
  - Install Node.js and npm.
  - Install Cypress using npm.

○ Ensure compatible browsers (Chrome, Firefox) are installed.
        ○ Detailed instructions available in README.md file.
    ● **5. Automation Test Script Development and Execution:**
        ○ Cypress test script file named "userFlow.cy.js" contains the test automation code.
        ○ Execute the script with Cypress Test Runner.
        ○ Detailed instructions provided in README.md file.

Test Case: Buying a Product

    ● Status: **Passed**

Test Execution Summary:

    ● Test Case ID: TC001
    ● Test Case Description: Automate the process of buying a product on the clothing store website and creating an account through the checkout page
    ● Test Result: Passed
    ● Execution Date: 14/05/2024
    ● Tester: Nicolas Bercero

Test Steps:

    1. Scroll to the middle of the page.
        ● Status: **Passed**
    2. Click on a random product.
        ● Status: **Passed**
    3. Validate product details.
        ● Status: **Passed**
    4. Change quantity to 30.
        ● Status: **Passed**
    5. Add the product to the cart.
        ● Status: **Passed**
    6. View the cart.
        ● Status: **Passed**
    7. Proceed to checkout.
        ● Status: **Passed**
    8. Create a new user account.
        ● Status: **Passed**
    9. Verify account creation.

- Status: **Passed**
10. Return to the cart.
    - Status: **Passed**
11. Place a comment on the checkout.
    - Status: **Passed**
12. Place the order.
    - Status: **Passed**
13. Fill credit card information.
    - Status: **Passed**
14. Submit credit card details.
    - Status: **Passed**
15. Validate order placement.
    - Status: **Passed**
16. Logout.
    - Status: **Passed**
17. Login with the created user.
    - Status: **Passed**
18. Click "Contact Us".
    - Status: **Passed**
19. Fill in the contact form.
    - Status: **Passed**
20. Logout.
    - Status: **Passed**

Conclusion:

All test steps were executed successfully without any failures. The automated test for buying a product on the clothing store website passed as expected.