**TỔNG LIÊN ĐOÀN LAO ĐỘNG VIỆT NAM**

**TRƯỜNG ĐẠI HỌC TÔN ĐỨC THẮNG**

**KHOA CÔNG NGHỆ THÔNG TIN**



**Vũ Tuấn Anh – 520V0016**

**Thái Gia Bảo – 52000014**

**Trần Sỹ Thanh Trâm-52100853**

**ĐỒ ÁN CUỐI KỲ MÔN**

**KIỂM THỬ PHẦN MỀM TỰ ĐỘNG**

**Test Report Kiểm Thử Trang Web**

**Bán Hàng Swag Labs**

**THÀNH PHỐ HỒ CHÍ MINH, NĂM 2024**

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**Người hướng dẫn**

**ThS. Nguyễn Thanh Quân**

**THÀNH PHỐ HỒ CHÍ MINH, NĂM 2024**

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# 1-OVERALL

## 1.1-Timeline

| STT | Thời Gian | Công Việc-Người Thực Hiện | Tiến Độ |
| --- | --- | --- | --- |
| 1 | 04/03-10/03 | Thiết kế test plan-Thanh Trâm | 100% |
| 2 | 11/03-17/03 | Viết test design-Thanh Trâm | 100% |
| 3 | 18/03-15/05 | Viết Test Case | 100% |
| 4 | 15/05-17/05 | Tổng Hợp Các Modules | 100% |
| 5 | 15/05-18/05 | Viết Báo Cáo Test Result, Test Report, Defect Report | 100% |

## 

## 1.2-Staff

Nhóm 6

1. Vũ Tuấn Anh - 520V0016
2. Thái Gia Bảo - 52000014
3. Trần Sỹ Thanh Trâm-52100853

## 1.3-Goals

Hỗ trợ các mục tiêu sau đây:

Kiểm tra các chức năng chính đăng ký, đăng nhập và đăng xuất bằng tài khoản, tìm kiếm & xem chi tiết sản phẩm, thay đổi đơn vị tiền tệ, kiểm tra sản phẩm trong kho, mua sản phẩm & thanh toán, mua thêm một sản phẩm cùng loại hoặc khác loại, cập nhật giỏ hàng, kiểm tra thanh toán, liên kết với mạng xã hội.

Kiểm tra quy trình đăng nhập đăng xuất, mua hàng và thanh toán cơ bản của khách hàng trên trang web.

Xây dựng các trường sử dụng use case và thiết kế test case.

Thực hành kiểm thử tự động với Robotframework-Selenium.

Đưa ra báo cáo kết quả kiểm thử và danh sách lỗi.

.

## 1.4-Introduction

Người dùng truy cập vào trang web, chọn đăng ký tạo tài khoản người dùng mới. Thông tin người dùng bao gồm: First Name, Last Name, Email, Telephone, Fax, Company, Address (1,2), City, Region/State, Zip Code, Country, Login name và Password. Mỗi người dùng đăng ký bằng một email và một login name khác nhau. Nếu trùng lặp, hệ thống báo lỗi và yêu cầu người dùng điền lại. Nếu đã có tài khoản hoặc có tài khoản nhưng quên mật khẩu, quên login name:

* Log In: Điền Login name và Password
* Forgot Password: Điền Email và Login name, hệ thống sẽ gửi mật khẩu về địa chỉ email
* Forgot Login name: Điền Email và Last name, hệ thống sẽ gửi login name về địa chỉ email.

Trong mục My Account, người dùng quản lý tài khoản cá nhân bao gồm:

* Edit Account: Người dùng chỉnh sửa thông tin cá nhân của người dùng.
* Change Password, điền mật khẩu cũ, mật khẩu mới và xác nhận mật khẩu mới để đổi mật khẩu.
* Manage Address Book: CRUD.
* Wish List: CRUD, thêm vào giỏ hàng.
* Order History: Xem lịch sử đơn hàng, chi tiết lịch sử đơn hàng.
* Transactions: Xem lịch sử thanh toán đơn hàng.
* Notification: Xem thông báo.
* Log off: Đăng xuất hệ thống.

Sản phẩm trình bày trên hệ thống theo từng phân loại khác nhau bao gồm: Apparels & Accessories, Makeup, Skincare, Fragrance, Men, Hair Care, Books.

Khách hàng chọn vào từng phân loại để xem các sản phẩm nằm trong phân loại đó

Sau khi xem sản phẩm trong danh sách phân loại. Khách hàng chọn sắp xếp sản phẩm theo thuộc tính:

* Name A-Z
* Name Z-A
* Date Old-New
* Date New-Old
* Price High-Low
* Price Low -High
* Rating Highest
* Rating Lowest

Người dùng chọn thay đổi mệnh giá tiền tệ của sản phẩm bao gồm: US DOLLAR, EURO, POUND STERLING.

Người dùng có thể chọn xem sản phẩm theo brand bằng cách click vào brand cần xem trong mục Brand Scrolling bao gồm: Benefit, Pantene, MAC, Lancome, Gucci, Giorgio Armani, Dove, Calvin Klein, BULGARI, SEPHORA.

Thông tin mỗi sản phẩm trên hệ thống bao gồm: tên sản phẩm, hình ảnh, giá, button (add to cart). Khách hàng chọn “View” để xem chi tiết thông tin sản phẩm hoặc chọn “Write Review” để viết review sản phẩm.

Khách hàng có thể chọn chức năng tìm kiếm, nhập keyword để hệ thống trả về kết qủa tìm kiếm cho khách hàng.

Sau khi chọn xem chi tiết thông tin sản phẩm, nếu muốn thêm sản phẩm vào giỏ hàng, khách hàng chọn số lượng sản phẩm, [size, colour, shade, scent]. Rồi chọn “add to cart” để thêm sản phẩm vào giỏ hàng. Hoặc chọn “add to wish list” để thêm sản phẩm vào wish list, nếu sản phẩm đã nằm trong wish list, chọn “remove from wish list” để xóa sản phẩm khỏi wish list. Nếu muốn in sản phẩm khách hàng chọn “print”.

Bên dưới mục “Description” mô tả chi tiết các thông tin khác của sản phẩm bao gồm: Description, Availability, Model, Manufacturer.

Nếu khách hàng muốn viết review sản phẩm, chọn “write review”, chọn số sao rating, điền tên và review về sản phẩm. Sau đó điền mã Capcha và ấn nút “Submit”.

Người dùng chọn “Cart” để xem giỏ hàng và thanh toán. Thông tin giỏ hàng bao gồm: Tên sản phẩm (khách hàng click vào tên sản phẩm để xem chi tiết sản phẩm), Model, Unit Price, Quantity(khách hàng có thể thay đổi số lượng sản phẩm trong giỏ hàng), Total (bằng unit price x quantity).

* Khách hàng có thể chọn “Remove” để xóa sản phẩm khỏi giỏ hàng.
* Chọn “Update” để cập nhật giỏ hàng.

Khách hàng chọn “Apply Coupon Code”, điền mã mã giảm giá và chọn “Apply Coupon”.

Khách hàng điền thông tin shipping bao gồm: Country and State, Zip Code, Chọn shipping trong “Shipments”. Hệ thống sẽ trả về kết quả bao gồm: Sub-total (tổng tiền sản phẩm trong giỏ hàng), Flat Shipping Rate (tổng tiền flat shipping), discount, taxes. Total (tổng thanh toán).

Sau khi xác nhận thông tin trong giỏ hàng, khách hàng chọn ”Checkout” để thanh toán. Trước khi thanh toán, khách hàng kiểm tra lại thông tin đơn hàng bao bao gồm: Shipping, Payment, Cart:

* Shipping: Kiểm tra địa chỉ giao hàng, đơn vị giao hàng, nếu khách hàng muốn thay đổi thông tin, chọn “Edit Shipping”. Thay đổi địa chỉ giao hàng, đơn vị giao hàng và thêm ghi chú nếu cần thiết.
* Payment: Nếu khách hàng muốn thay đổi thông tin thanh toán hoặc mã giảm giá. Khách hàng chọn “Edit Payment” để thay đổi địa điểm thanh toán, phương thức thanh toán, mã giảm giá và thêm ghi chú nếu cần thiết.
* Cart: Nếu khách hàng muốn thay đổi thông tin trong giả hàng, khách hàng chọn “Edit Cart”, hệ thống quay lại giỏ hàng để khách hàng chỉnh sửa thông tin trong giỏ hàng.

Sau khi khách hàng không còn chỉnh sửa gì thêm, khách hàng chọn “Confirm Order” để xác nhận thanh toán thành công. Khách hàng chọn “Continue” để tiếp tục mua sắm.

Khách hàng có thể chọn truy cập các Social Network của trang web: Facebook, Twitter, LinkedIn.

# 2-TESTING SPECIFICATION

## 2.1-Testing scope

## 2.2-Test cases

| Use Case ID | Function Name | Number Of Test Case |
| --- | --- | --- |
| UC1 | Register |  |
| UC2 | Log in |  |
| UC3 | Xem account dashboard |  |
| UC4 | Xem wishlist |  |
| UC5 | Chỉnh sửa account details |  |
| UC6 | Quản lý address book |  |
| UC7 | Xem thông báo |  |
| UC8 | Điều hướng menu |  |
| UC9 | Chuyển đổi đơn vị tiền tệ |  |
| UC10 | Hiển thị cart total |  |
| UC11 | Phân loại sản phẩm theo danh mục |  |
| UC12 | Phân loại sản phẩm theo tiêu chí & tính năng |  |
| UC13 | Danh sách các brand |  |
| UC14 | Sorting |  |
| UC15 | Tìm kiếm |  |
| UC16 | Xem thông tin sản phẩm |  |
| UC17 | Tùy chọn sản phẩm |  |
| UC18 | Thêm vào giỏ hàng |  |
| UC19 | Thêm vào wishlist |  |
| UC20 | In thông tin sản phẩm |  |
| UC21 | Viết review sản phẩm |  |
| UC22 | Cập nhật giỏ hàng |  |
| UC23 | Apply Coupon |  |

**Test Case 1: Module1\_1**

**Documentation:** Register successfully with subscribe

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "[email\_user1@gmail.com](mailto:email_user1@gmail.com)".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Enter address 2 as "None".
* Enter city as "Ho Chi Minh City".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter login name as "email\_user1".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:**The page should display the message "Congratulations! Your new account has been successfully created!".

**Test Data:**

##### First Name: "firtsnameright"

##### Last Name: "lastnameright"

##### Email: "[email\_user1@gmail.com](mailto:email_user1@gmail.com)"

##### Telephone: "0343475634"

##### Fax: "1234"

##### Company: "None"

##### Address 1: "District 7"

##### Address 2: "None"

##### City: "Ho Chi Minh City"

##### Country: Vietnam

##### Region: Ho Chi Minh

##### Login Name: "email\_user1"

##### Password: "passworduser"

##### Confirm Password: "passworduser"

##### Subscribe: Yes

##### Privacy Agreement: Agree

**Result:** The test case passed, and the expected message was displayed.

**Test Case 2: Module1\_2**

**Documentation:** Register successfully with No Subscribe

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user2@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Enter address 2 as "None".
* Enter city as "Ho Chi Minh City".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter login name as "email\_user2".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "No" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:**The page should display the message "Congratulations! Your new account has been successfully created!".

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user2@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: "None"
* City: "Ho Chi Minh City"
* Country: Vietnam
* Region: Ho Chi Minh
* Login Name: "email\_user2"
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: No
* Privacy Agreement: Agree

**Result:** The test case passed, and the expected message was displayed.

**Test Case 3: Module1\_3**

**Documentation:** Register successfully without telephone

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user3@gmail.com".
* Enter fax as "53754".
* Enter company as "None".
* Enter address 1 as "District 7".
* Enter address 2 as "None".
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user3".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:**The page should display a success message confirming the creation of the new account.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user3@gmail.com"
* Fax: "53754"
* Company: "None"
* Address 1: "District 7"
* Address 2: "None"
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user3"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The new account was successfully created.

**Test Case 4: Module1\_4**

**Documentation:** Register successfully with empty fax

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user4@gmail.com".
* Enter telephone as "0539573".
* Enter company as "None".
* Enter address 1 as "District 7".
* Enter address 2 as "None".
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user4".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should display a success message confirming the creation of the new account.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user4@gmail.com"
* Telephone: "0539573"
* Company: "None"
* Address 1: "District 7"
* Address 2: "None"
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user4"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

Result: The test case passed as expected. The new account was successfully created.

**Test Case 5: Module1\_5**

**Documentation:** Register successfully with empty company

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user5@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Leave company field empty.
* Enter address 1 as "District 7".
* Enter address 2 as "None".
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user5".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should display a success message confirming the creation of the new account.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user5@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Address 1: "District 7"
* Address 2: "None"
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user5"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The new account was successfully created.

**Test Case 7: Module1\_7**

**Documentation:** Register failed with empty firstname

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Leave the first name field empty.
* Enter last name as "lastnameright".
* Enter email as "email\_user7@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user7".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing first name.

**Test Data:**

* Last Name: "lastnameright"
* Email: "email\_user7@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user7"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing first name.

**Test Case 8: Module1\_8**

**Documentation:** Register failed with empty lastname

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Leave the last name field empty.
* Enter email as "email\_user8@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user8".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing last name.

**Test Data:**

* First Name: "firtsnameright"
* Email: "email\_user8@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user8"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing last name.

**Test Case 9: Module1\_9**

**Documentation:** Register failed with empty email

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Leave the email field empty.
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user9".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing email.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user9"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing email.

**Test Case 10: Module1\_10**

**Documentation:** Register failed with empty address 1

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user10@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Leave the address 1 field empty.
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user10".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing address 1.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user10@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user10"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing address 1.

**Test Case 11: Module1\_11**

**Documentation**: Register failed with empty city

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user11@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Leave the city field empty.
* Enter zip code as "1234".
* Enter login name as "email\_user11".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing city.

Test Data:

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user11@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* Zip Code: "1234"
* Login Name: "email\_user11"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing city.

**Test Case 12: Module1\_12**

**Documentation:** Register failed with empty zip code

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user12@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Leave the zip code field empty.
* Enter login name as "email\_user12".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing zip code.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user12@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Login Name: "email\_user12"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing zip code.

**Test Case 13: Module1\_13**

**Documentation:** Register failed with empty login name

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user13@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Leave the login name field empty.
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing login name.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user13@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing login name.

**Test Case 14: Module1\_14**

**Documentation:** Register failed with empty country

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user14@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user14".
* Leave the country field empty.
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result** The page should not proceed to create a new account and should display an error message indicating the missing country.

Test Data:

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user14@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user14"
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing country.

**Test Case 15: Module1\_15**

**Documentation:** Register failed with empty region

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user15@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user15".
* Select country as "Vietnam".
* Leave the region field empty.
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing region.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user15@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user15"
* Country: Vietnam
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing region.

**Test Case 16: Module1\_16**

**Documentation:** Register failed with empty password

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user16@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user16".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Leave the password field empty.
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

Expected Result: The page should not proceed to create a new account and should display an error message indicating the missing password.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user16@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user16"
* Country: Vietnam
* Region: Ho Chi Minh
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing password.

**Test Case 17: Module1\_17**

**Documentation:** Register failed with empty confirm password

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user17@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user17".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Leave the confirm password field empty.
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the missing confirm password.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user17@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user17"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the missing confirm password.

**Test Case 18: Module1\_18**

**Documentation:** Register failed with password and confirm password mismatch

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "email\_user18@gmail.com".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user18".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Enter confirm password as "passwordmismatch".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the password and confirm password mismatch.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "email\_user18@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user18"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passwordmismatch"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the password and confirm password mismatch.

**Test Case 19: Module1\_19**

**Documentation:** Register failed with invalid email format

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "invalidemail".
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user19".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result:** The page should not proceed to create a new account and should display an error message indicating the invalid email format.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "invalidemail"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user19"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The system prevented registration due to the invalid email format.

**Test Case 20: Module1\_20**

**Documentation:** Register failed with existing email

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Register" button.
* Enter first name as "firtsnameright".
* Enter last name as "lastnameright".
* Enter email as "existingemail@gmail.com" (assuming this email is already registered).
* Enter telephone as "0343475634".
* Enter fax as "1234".
* Enter company as "None".
* Enter address 1 as "District 7".
* Leave address 2 empty.
* Enter city as "Ho Chi Minh City".
* Enter zip code as "1234".
* Enter login name as "email\_user20".
* Select country as "Vietnam".
* Select region as "Ho Chi Minh".
* Enter password as "passworduser".
* Confirm password as "passworduser".
* Click on the "Yes" subscribe option.
* Click on the privacy agreement.
* Press Enter or click the register button.

**Expected Result**: The page should not proceed to create a new account and should display an error message indicating the email already exists.

**Test Data:**

* First Name: "firtsnameright"
* Last Name: "lastnameright"
* Email: "existingemail@gmail.com"
* Telephone: "0343475634"
* Fax: "1234"
* Company: "None"
* Address 1: "District 7"
* Address 2: (left empty)
* City: "Ho Chi Minh City"
* Zip Code: "1234"
* Login Name: "email\_user20"
* Country: Vietnam
* Region: Ho Chi Minh
* Password: "passworduser"
* Confirm Password: "passworduser"
* Subscribe: Yes
* Privacy Agreement: Agreed

**Result:** The test case passed as expected. The system prevented registration due to the email already existing in the system.

**Test Case 21: Module2\_1**

**Documentation**: Login and logout using the "Login or register" option.

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Wait for 2 seconds.
* Click on the "Login or Register" button.
* Input the username.
* Input the password.
* Click the login button.
* Wait for 5 seconds.
* Hover over the "Account" menu.
* Click the "Logout" option.
* Wait until the "Login or Register" button is visible.
* Close the browser.

**Expected Result:** Successful login.

**Test Data:**

* Username: "chemchem"
* Password: "123Bon567"

**Result:** Verify that the login and logout processes are completed without any issues.

**Test Case 22: Module2\_2**

**Documentation:** Login and logout using the "Login in Account" option.

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Wait for 2 seconds.
* Hover over the "Account" menu.
* Click the "Login" option.
* Input the username.
* Input the password.
* Click the login button.
* Wait for 5 seconds.
* Hover over the "Account" menu.
* Click the "Logout" option.
* Wait until the "Login or Register" button is visible.
* Close the browser.

**Expected Result:** The user successfully logs in

**Test Data:**

* Username: "chemchem"
* Password: "123Bon567"

**Result:** Test case passed as expected.

**Test Case 23: Module2\_3**

**Documentation:** Login with the wrong username and correct password.

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Click on the "Login or Register" button.
* Input the wrong username.
* Input the correct password.
* Click the login button.
* Retrieve the error message text.
* Verify that the error message contains "Error: Incorrect login or password provided".
* Close the browser.

**Expected Result:** The login should fail with an error message indicating incorrect login or password.

**Test Data:**

* Wrong Username: "wrongusername"
* Password: "123Bon567"

**Result:** Test case passed as expected

**Test Case 24: Module2\_4**

**Documentation:** Login with the correct username and wrong password.

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Click on the "Login or Register" button.
* Input the correct username.
* Input the wrong password.
* Click the login button.
* Retrieve the error message text.
* Verify that the error message contains "Error: Incorrect login or password provided".
* Close the browser.

**Expected Result:** The login should fail with an error message indicating incorrect login or password.

**Test Data:**

* Username: "chemchem"
* Wrong Password: "wrongpassword"

**Result:** Test case passed as expected.

**Test Case 25: Module2\_5**

**Documentation:** Login with the wrong username and wrong password.

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Click on the "Login or Register" button.
* Input the wrong username.
* Input the wrong password.
* Click the login button.
* Retrieve the error message text.
* Verify that the error message contains "Error: Incorrect login or password provided".
* Close the browser.

**Expected Result:** The login should fail with an error message indicating incorrect login or password.

**Test Data:**

* Wrong Username: "wrongusername"
* Wrong Password: "wrongpassword"

**Result:** Test case passed as expected.

**Test Case 26: Module2\_6**

**Documentation:** Login with empty username and password.

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Click on the "Login or Register" button.
* Leave the username and password fields empty.
* Click the login button.
* Retrieve the error message text.
* Verify that the error message contains "Error: Incorrect login or password provided".
* Close the browser.

**Expected Result:** The login should fail with an error message indicating incorrect login or password.

**Test Data:** None

**Result:** Test case passed as expected.

**Test Case 27: Module3\_1**

**Documentation:** Forgot password successfully  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Password" option.
* Enter the correct login name.
* Enter the correct email.
* Click on the continue button.

**Expected Result:** The page should display the message "Success: Password reset link has been sent to your e-mail address."  
**Test Data:**

* Login Name: "chemchem"
* Email: "new\_email@example.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 28: Module3\_2**

**Documentation:** Forgot password failed with empty login name  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Password" option.
* Leave the login name field empty.
* Enter the correct email.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: The Login name was not provided or not found in our records, please try again!"  
**Test Data:** Email: "new\_email@example.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 29: Module3\_3**

**Documentation:** Forgot password failed with empty email  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Password" option.
* Enter the correct login name.
* Leave the email field empty.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: The Email address was not provided or not found in our records, please try again!"  
**Test Data:** Login Name: "chemchem"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 30: Module3\_4**

**Documentation**: Forgot password failed with empty login name and email  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Password" option.
* Leave both the login name and email fields empty.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: The Login name was not provided or not found in our records, please try again!"  
**Test Data:** None  
**Result:** The test case passed, and the expected message was displayed.

**Test Case 31: Module3\_5**

**Documentation:** Forgot password failed with wrong login name  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Password" option.
* Enter a wrong login name.
* Enter the correct email.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: No records found matching information your provided, please check your information and try again!"  
**Test Data:**

* Login Name: "rjvebvnebgrb"
* Email: "new\_email@example.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 32: Module3\_6**

**Documentation:** Forgot password failed with wrong email  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Password" option.
* Enter the correct login name.
* Enter a wrong email.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: No records found matching information your provided, please check your information and try again!"  
**Test Data:**

* Login Name: "chemchem"
* Email: "dfvbwvnwrkjrvbekjv@gmail.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 33: Module3\_7**

**Documentation:** Forgot password failed with wrong login name and email  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Password" option.
* Enter a wrong login name.
* Enter a wrong email.
* Click on the continue button.

**Expected Result**: The page should display the message "Error: No records found matching information your provided, please check your information and try again!"  
**Test Data:**

* Login Name: "rjvebvnebgrb"
* Email: "dfvbwvnwrkjrvbekjv@gmail.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 34: Module3\_8**

**Documentation:** Forgot login successfully  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Login" option.
* Enter the correct last name.
* Enter the correct email.
* Click on the continue button.

**Expected Result:** The page should display the message "Success: Password reset link has been sent to your e-mail address."  
**Test Data:**

* Last Name: "Thai"
* Email: "new\_email@example.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 35: Module3\_9**

**Documentation:** Forgot login failed with empty last name  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Login" option.
* Leave the last name field empty.
* Enter the correct email.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: The Last Name was not provided or not found in our records, please try again!"  
**Test Data:** Email: "new\_email@example.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 36: Module3\_10**

**Documentation:** Forgot login failed with empty email  
**Step by Step:**

1. Open the browser and navigate to the Automation Test Store.
2. Click on the "Login or Register" button.
3. Click on the "Forgot Login" option.
4. Enter the correct last name.
5. Leave the email field empty.
6. Click on the continue button.

**Expected Result:** The page should display the message "Error: The Email address was not provided or not found in our records, please try again!"  
**Test Data:** Last Name: "Thai"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 37: Module3\_11**

**Documentation**: Forgot login failed with empty last name and email  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Login" option.
* Leave both the last name and email fields empty.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: The Last Name was not provided or not found in our records, please try again!"  
**Test Data:** None  
**Result:** The test case passed, and the expected message was displayed.

**Test Case 38: Module3\_12**

**Documentation:** Forgot login failed with wrong last name  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Login" option.
* Enter a wrong last name.
* Enter the correct email.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: No records found matching information your provided, please check your information and try again!"  
**Test Data:**

* Last Name: "Tran"
* Email: "new\_email@example.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 39: Module3\_13**

**Documentation:** Forgot login failed with wrong email  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Login" option.
* Enter the correct last name.
* Enter a wrong email.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: No records found matching information your provided, please check your information and try again!"  
**Test Data:**

* Last Name: "Thai"
* Email: "dfvbwvnwrkjrvbekjv@gmail.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 40: Module3\_14**

**Documentation**: Forgot login failed with wrong last name and email  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Click on the "Login or Register" button.
* Click on the "Forgot Login" option.
* Enter a wrong last name.
* Enter a wrong email.
* Click on the continue button.

**Expected Result:** The page should display the message "Error: No records found matching information your provided, please check your information and try again!"  
**Test Data:**

* Last Name: "Tran"
* Email: "dfvbwvnwrkjrvbekjv@gmail.com"

**Result:** The test case passed, and the expected message was displayed.

**Test Case 41: Module4\_1**

**Documentation:** Edit Account Details: Successfully  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Edit Account Details" page.
* Fill in the edit account form with new details.
* Save the changes.

**Expected Result:** The account details are successfully updated, and a success message is displayed.

**Test Data:**

* First Name: John
* Last Name: Doe
* Telephone: 123456789
* Fax: 987654321
* Email: dfvbwvnwrkjrvbekjv@gmail.com

**Result:** The account details are successfully updated, and a success message is displayed on the account dashboard.

**Test Case 42: Module4\_2**

**Documentation:** Test case to verify account details are not empty  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Edit Account Details" page.
* Leave some fields empty in the edit account form.
* Attempt to save the changes.

**Expected Result:** An error message is displayed indicating that required fields cannot be empty.

**Test Data:**

* First Name: John
* Last Name: Doe
* Telephone: 123456789
* Fax: ``
* Email: dfvbwvnwrkjrvbekjv@gmail.com

**Result:** An error message is displayed indicating that the Fax field cannot be empty.

**Test Case 43: Module4\_3**

**Documentation:** Test case to change password successfully  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Change Password" page.
* Fill in the change password form with the correct current password and a new password.
* Save the changes.

**Expected Result:** The password is successfully changed, and a success message is displayed.

**Test Data:**

* Current Password: valid\_password
* New Password: new\_password
* Confirm Password: new\_password

**Result:** The password is successfully changed, and a success message is displayed.

**Test Case 44: Module4\_4**

**Documentation:** Test case to verify error message when old password is wrong  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Change Password" page.
* Fill in the change password form with an incorrect current password.
* Save the changes.

**Expected Result:** An error message is displayed indicating that the current password is incorrect.

**Test Data:**

* Current Password: wrong\_password
* New Password: new\_password
* Confirm Password: new\_password

**Result:** An error message is displayed indicating that the current password is incorrect.

**Test Case 45: Module4\_5**

**Documentation:** Test case to verify error message when new password does not match confirm password  
**Step by Step:**

1. Open the browser and navigate to the Automation Test Store.
2. Log in using valid credentials.
3. Navigate to "Change Password" page.
4. Fill in the change password form with mismatched new password and confirm password fields.
5. Save the changes.

**Expected Result:** An error message is displayed indicating that the new password and confirm password do not match.

**Test Data:**

* Current Password: valid\_password
* New Password: new\_password
* Confirm Password: different\_new\_password

**Result:**

* Passed: An error message is displayed indicating that the new password and confirm password do not match.

**Test Case 46: Module4\_6**

**Documentation:** Test case to edit address book successfully  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Address Book" page.
* Edit an existing address with valid data.
* Save the changes.

**Expected Result:** The address is successfully updated, and a success message is displayed.

**Test Data:**

* First Name: John
* Last Name: Doe
* Company: Company Inc.
* Address 1: 123 Main St
* Address 2: Apt 4B
* City: New York
* Region: New York
* Zip: 10001
* Country: United States
* Default Address: Yes

**Result:** The address is successfully updated, and a success message is displayed.

**Test Case 47: Module4\_7**

**Documentation:** Test case to edit address book with missing field data  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Address Book" page.
* Edit an existing address with some missing fields.
* Attempt to save the changes.

**Expected Result:** An error message is displayed indicating that required fields cannot be empty.

**Test Data:**

* First Name: John
* Last Name: ``
* Company: Company Inc.
* Address 1: 123 Main St
* Address 2: Apt 4B
* City: New York
* Region: New York
* Zip: 10001
* Country: United States
* Default Address: Yes

**Result:** An error message is displayed indicating that the Last Name field cannot be empty.

**Test Case 48: Module4\_8**

**Documentation:** Test case to add a new address book successfully  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Address Book" page.
* Add a new address with valid data.
* Save the new address.

**Expected Result:** The new address is successfully added, and a success message is displayed.

**Test Data:**

* First Name: Jane
* Last Name: Smith
* Company: New Company Inc.
* Address 1: 456 Another St
* Address 2: Suite 100
* City: San Francisco
* Region: California
* Zip: 94103
* Country: United States
* Default Address: No

**Result:** The new address is successfully added, and a success message is displayed.

**Test Case 49: Module4\_9**

**Documentation:** Test case to add a new address book with missing field data  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Address Book" page.
* Add a new address with some missing fields.
* Attempt to save the new address.

**Expected Result:** An error message is displayed indicating that required fields cannot be empty.

**Test Data:**

* First Name: Jane
* Last Name: ``
* Company: New Company Inc.
* Address 1: 456 Another St
* Address 2: Suite 100
* City: San Francisco
* Region: California
* Zip: 94103
* Country: United States
* Default Address: No

**Result:** An error message is displayed indicating that the Last Name field cannot be empty.

**Test Case 50: Module4\_10**

**Documentation:** Verify that product is displayed in the wishlist page  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Wishlist" page.
* Verify that a specific product is displayed in the wishlist.

**Expected Result:** The specific product is displayed in the wishlist.

**Test Data:** Product Name: Desired Product

**Result:** The specific product is displayed in the wishlist.

**Test Case 52: Module4\_12**

**Documentation:** Remove a product from the wishlist  
**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to "Wishlist" page.
* Remove a specific product from the wishlist.
* Verify that the product is no longer displayed in the wishlist.

**Expected Result:** The product is successfully removed from the wishlist, and it is no longer displayed.

**Test Data:** Product Name: Unwanted Product

**Result:**  The product is successfully removed from the wishlist, and it is no longer displayed.

**Test Case 51: Module4\_10.1**

**Documentation:** Remove a product in wishlist

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Go to the Wishlist page.
* Click on the remove icon for the specific product.
* Verify that the product is no longer displayed in the wishlist.

**Expected Result:** The product is successfully removed from the wishlist and is no longer displayed.

**Test Data:**

* Login Name: "chemchem"
* Passowrd: “123Bon567”

**Result:** The product was successfully removed from the wishlist and no longer appears in the wishlist.

**Test Case 52: Module4\_10.2**

**Documentation:** Add a product to wishlist after viewing product

**Step by Step:**

* Open the browser and navigate to the product page.
* Click on the "Login" button and log in.
* Go back to the product page.
* Click on "Add to Wishlist" button.
* Navigate to the Wishlist page.
* Verify that the product is displayed in the wishlist.

**Expected Result:** The product is successfully added to the wishlist and is displayed in the wishlist.

**Test Data:**

* Login Name: "chemchem"
* Passowrd: "123Bon567"
* Product URL:<https://automationteststore.com/index.php?rt=product/product&product_id=52>

**Result:** The product was successfully added to the wishlist and is displayed in the wishlist.

**Test Case 53: Module4\_10.3**

**Documentation:** Remove a product from wishlist after adding

**Step by Step:**

* Open the browser and navigate to the product page.
* Click on the "Login" button and log in.
* Go back to the product page.
* Click on "Add to Wishlist" button.
* Navigate to the Wishlist page.
* Remove the product from the wishlist.
* Verify that the product is no longer displayed in the wishlist.

**Expected Result:** The product is successfully removed from the wishlist and is no longer displayed.

**Test Data:**

* Login Name: "chemchem"
* Password: "123Bon567"
* Product URL:<https://automationteststore.com/index.php?rt=product/product&product_id=52>

**Result:** The product was successfully removed from the wishlist and no longer appears in the wishlist.

**Test Case 54: Module4\_10.4**

**Documentation**: Add a product in wishlist to cart

**Step by Step:**

* Open the browser and navigate to the product page.
* Click on the "Login" button and log in.
* Go back to the product page.
* Click on "Add to Wishlist" button.
* Navigate to the Wishlist page.
* Click on the "Add to Cart" button for the specific product.
* Verify that the product is added to the cart.

**Expected Result:** The product is successfully added to the cart and is displayed in the cart.

Test Data:

* Login Name: "chemchem"
* Password: "123Bon567"
* Product URL:<https://automationteststore.com/index.php?rt=product/product&product_id=53>

**Result:** The product was successfully added to the cart and is displayed in the cart.

**Test Case 55: Module4\_11**

**Documentation:** Verify that My Order page is displayed when user clicks the Order History button

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to the Order History page.
* Verify that the My Order page is displayed.

**Expected Result:** The My Order page is successfully displayed when the user clicks the Order History button.

**Test Data:**

* Login Name: "chemchem"
* Password: "123Bon567"
* URL: [https://automationteststore.com](https://automationteststore.com/)

**Result**: The My Order page was successfully displayed when the user clicked the Order History button.

**Test Case 56: Module4\_12**

**Documentation**: Verify that My Transactions page is displayed when user clicks the Transaction History button

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Log in using valid credentials.
* Navigate to the Transaction History page.
* Verify that the My Transactions page is displayed.

**Expected Result:** The My Transactions page is successfully displayed when the user clicks the Transaction History button.

**Test Data:**

* Login Name: "chemchem"
* Password: "123Bon567"
* URL: [https://automationteststore.com](https://automationteststore.com/)

**Result:** The My Transactions page was successfully displayed when the user clicked the Transaction History button.

**Test Case 57: Module5\_1**

**Documentation:** Verify currency conversion from dollar to euro

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Log in using valid credentials.
* Navigate to the category page.
* Get the initial total amount in dollars.
* Add four different products to the cart.
* Get the new total amount in dollars.
* Calculate the price difference and compare with the sum of product prices.
* Convert the currency to euro.
* Verify the total amount in euro is correctly converted based on the exchange rate.

**Expected Result:** The total amount in euro is accurately calculated based on the exchange rate from dollar to euro.

**Test Data:**

* Login Name: "chemchem"
* Password: "123Bon567"
* URL: [https://automationteststore.com](https://automationteststore.com/)

**Result:** The total amount in euro was accurately calculated and matched the expected exchange rate conversion.

**Test Case 58: Module5\_2**

**Documentation:** Verify currency conversion from dollar to pound

**Step by Step:**

* Open the browser and navigate to the Automation Test Store.
* Maximize the browser window.
* Log in using valid credentials.
* Navigate to the category page.
* Get the initial total amount in dollars.
* Add four different products to the cart.
* Get the new total amount in dollars.
* Calculate the price difference and compare with the sum of product prices.
* Convert the currency to pound.
* Verify the total amount in pound is correctly converted based on the exchange rate.

**Expected Result:** The total amount in pound is accurately calculated based on the exchange rate from dollar to pound.

**Test Data:**

* Login Name: "chemchem"
* Password: "123Bon567"
* URL: [https://automationteststore.com](https://automationteststore.com/)

**Result:** The total amount in pound was accurately calculated and matched the expected exchange rate conversion.

**Test Case 59: Module6\_1**

**Documentation:** Verify that products are displayed in the "Apparels & Accessories" category.

**Step by step:**

* Log in to the website.
* Click on the "Apparels & Accessories" button.
* Click on the "List" view button.
* Wait until the product thumbnails are visible.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Apparels & Accessories" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 60: Module6\_2**

**Documentation:** Verify that products are displayed in the "Shoes" category.

**Step by step:**

* Log in to the website.
* Mouse over the "Apparels & Accessories" button.
* Click on the "Shoes" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Shoes" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category

Test Case 61: Module6\_3

**Documentation:** Verify that products are displayed in the "T-shirt" category.

**Step by step:**

* Log in to the website.
* Mouse over the "Apparels & Accessories" button.
* Click on the "T-shirt" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "T-shirt" category should be greater than 0.

**Test Data**: Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 62: Module6\_4**

**Documentation:** Verify that products are displayed in the "Makeup" category.

**Step by step:**

* Log in to the website.
* Click on the "Makeup" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Makeup" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 63: Module6\_5**

**Documentation:** Verify that products are displayed in the "Cheeks" category.

**Step by step:**

* Log in to the website.
* Click on the "Makeup" button.
* Click on the "Cheeks" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Cheeks" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 64: Module6\_6**

**Documentation:** Verify that products are displayed in the "Eyes" category.

**Steps:**

* Log in to the website.
* Click on the "Makeup" button.
* Click on the "Eyes" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Eyes" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

Test Case 65: Module6\_7

**Documentation:** Verify that products are displayed in the "Face" category.

**Steps:**

* Log in to the website.
* Click on the "Makeup" button.
* Click on the "Face" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Face" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 66: Module6\_8**

**Documentation:** Verify that products are displayed in the "Lips" category.

**Steps:**

* Log in to the website.
* Click on the "Makeup" button.
* Click on the "Lips" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Lips" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 67: Module6\_9**

**Documentation:**Verify that products are displayed in the "Nails" category.

**Steps:**

* Log in to the website.
* Click on the "Makeup" button.
* Click on the "Nails" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Nails" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category

**Test Case 68: Module6\_10**

**Documentation:**  Verify that products are displayed in the "Value Sets" category.

**Steps:**

* Log in to the website.
* Click on the "Makeup" button.
* Click on the "Value Sets" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Value Sets" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

Result: Number of products displayed in the category.

**Test Case 69: Module6\_11**

**Documentation:** Verify that products are displayed in the "Skincare" category.

**Steps:**

* Log in to the website.
* Click on the "Skincare" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Skincare" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 70: Module6\_12**

**Documentation:** Verify that products are displayed in the "Fragrance" category.

**Steps:**

* Log in to the website.
* Click on the "Fragrance" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Fragrance" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 71: Module6\_13**

**Documentation:Verify** that products are displayed in the "Men" category.

**Steps:**

* Log in to the website.
* Click on the "Men" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Men" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 72:Module6\_14**

**Documentation:** Verify that products are displayed in the "Hair Care" category.

**Steps:**

* Log in to the website.
* Click on the "Hair Care" button.
* Count the number of products in the category.

**Expected Result:** The number of products in the "Hair Care" category should be greater than 0.

**Test Data:** Login credentials (chemchem / 123Bon567).

**Result:** Number of products displayed in the category.

**Test Case 73: Module6\_15**

**Documentation:** Check products in Books category  
**Step by Step:**

* Log in web: Open the website and log in.
* Click Books category: Click on the Books category to view its products.
* Count Number Of Products In Category: Count the number of products displayed in the Books category.

**Expected Result:** The number of products in the Books category is displayed.

**Test Data:** No specific test data required.

**Result:** The test should pass if the correct number of products is displayed in the Books category.

**Test Case 74 Đến Test Case 83: Module6\_16 to Module6\_25**

**Documentation:** Check products in Brand Scrolling  
**Step by Step:**

* Log in web: Open the website and log in.
* Click Books category: Click on the Brand Icon to view its products.
* Count Number Of Products In Category: Count the number of products displayed in the Brand category.

**Expected Result:** The number of products in the Brand category is displayed.

**Test Data:** No specific test data required.

**Result:** The test should pass if the correct number of products is displayed in the Books category.

**Test Case 84: Module7\_1**

**Documentation:** Test to verify sorting products by name from A to Z.

**Step by Step:**

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 1, representing sorting from A to Z.
* Retrieve the list of product names.
* Sort the list in ascending order from A to Z.
* Compare the original product names list with the sorted list.
* Close the browser.

**Expected Result:** Products should be sorted by name from A to Z.

**Test Data:** No specific test data required.

**Result:** PASS.

**Test Case 85: Module7\_2**

**Documentation:** Test to verify sorting products by name from Z to A.

**Step by Step:**

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 2, representing sorting from Z to A.
* Retrieve the list of product names.
* Sort the list in descending order from Z to A.
* Compare the original product names list with the sorted list.
* Close the browser.

**Expected Result:** Products should be sorted by name from Z to A.

**Test Data:** No specific test data required.

**Result:** PASS.

Test Case 86: Module7\_3

Documentation: Test to verify sorting products by price from low to high.

Step by Step:

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 3, representing sorting from low to high price.
* Retrieve the list of product prices.
* Sort the list in ascending order from low to high.
* Compare the original product prices list with the sorted list.
* Close the browser.

**Expected Result:** Products should be sorted by price from low to high.

**Test Data:** No specific test data required.

**Result:** PASS.

**Test Case 87: Module7\_4**

**Documentation:** Test to verify sorting products by price from high to low.

**Step by Step:**

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 4, representing sorting from high to low price.
* Retrieve the list of product prices.
* Sort the list in descending order from high to low.
* Compare the original product prices list with the sorted list.
* Close the browser.

**Expected Result:** Products should be sorted by price from high to low.

**Test Data:** No specific test data required.

**Result:** PASS.

**Test Case 88: Module7\_5**

**Documentation:** Test to verify sorting products by rating highest.

**Step by Step:**

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 5, representing sorting by highest rating.
* Retrieve the list of product ratings.
* Sort the list in descending order by rating.
* Compare the original product ratings list with the sorted list.
* Close the browser.

**Expected Result:** Products should be sorted by highest rating.

**Test Data:** No specific test data required.

**Result:** PASS.

**Test Case 89: Module7\_6**

**Documentation:** Test to verify sorting products by rating lowest.

**Step by Step:**

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 6, representing sorting by lowest rating.
* Retrieve the list of product ratings.
* Sort the list in ascending order by rating.
* Compare the original product ratings list with the sorted list.
* Close the browser.

**Expected Result**: Products should be sorted by lowest rating.

**Test Data:** No specific test data required.

**Result:** PASS.

**Test Case 90: Module7\_7**

**Documentation:** Test to verify sorting products by date from old to new.

**Step by Step:**

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 0, representing sorting by date from old to new.
* Retrieve the list of product dates.
* Sort the list in ascending order by date.
* Compare the original product dates list with the sorted list.
* Close the browser.

**Expected Result:** Products should be sorted by date from old to new.

**Test Data:** No specific test data required.

**Result:** PASS.

**Test Case 91: Module7\_8**

**Documentation:** Test to verify sorting products by date from new to old.

**Step by Step:**

* Open the browser and navigate to the URL.
* Select from the dropdown list by index 7, representing sorting by date from new to old.
* Retrieve the list of product dates.
* Sort the list in descending order by date.
* Compare the original product dates list with the sorted list.
* Close the browser.

**Expected Result:** Products should be sorted by date from new to old.

**Test Data:** No specific test data required.

**Result:** PASS.

Test Case 92: Module7\_9

Documentation:  
Test searching for the product "Creme Precieuse Nuit 50ml".

Step by Step:

1. Open the browser and navigate to the URL.
2. Input "Creme Precieuse Nuit 50ml" into the search field.
3. Click the search button.
4. Retrieve the name of the product displayed.
5. Compare the retrieved product name with the expected product name.
6. Close the browser.

Expected Result:  
The displayed product name should match "Creme Precieuse Nuit 50ml".

Test Data:

* Product to search for: "Creme Precieuse Nuit 50ml".

Result: PASS.

### Test Case 93: Module7\_10

Documentation:

Test searching for a nonsensical keyword "ạnernbjwngjenbjdmwlkenfrelbnwfnewgn".

Step by Step:

1. Open the browser and navigate to the URL.
2. Input "ạnernbjwngjenbjdmwlkenfrelbnwfnewgn" into the search field.
3. Click the search button.
4. Verify that the page contains the element indicating the search results (or no results found message).
5. Close the browser.

Expected Result:

The page should contain an element indicating the search results or a message indicating no results found.

Test Case 94: Module7\_11

Documentation:

Test searching with an empty keyword.

Step by Step:

1. Open the browser and navigate to the URL.
2. Click the search button without entering any keyword.
3. Verify that the page contains the element indicating the search results or a message indicating no results found.
4. Close the browser.

Expected Result:

The page should contain an element indicating the search results or a message indicating no results found.

Test Data:

No keyword entered.

Result:

PASS.

### Test Case 95: Module8\_1

Documentation:

Verify that product information includes the product name and image.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Verify that the product image is displayed for products.
5. Verify that the product name is displayed for products.
6. Close the browser.

Expected Result:

The product name and product image should be displayed for products on the homepage.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result: PASS.

### Test Case 96: Module8\_2

Documentation:

Verify that product information includes the product name, image, and "Sale" tag.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Verify that the product image is displayed for products.
5. Verify that the product name is displayed for products.
6. Verify that the "Sale" tag is displayed for products on sale.
7. Close the browser.

Expected Result:

The product name, product image, and "Sale" tag should be displayed for products on the homepage.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result: PASS.

### Test Case 97: Module8\_3

Documentation:

Verify that product states include [Add to cart] and [Out of stock].

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Verify that the "Add to cart" icon is displayed for available products.
5. Verify that the "Out of stock" icon is displayed for unavailable products.
6. Close the browser.

Expected Result:

The "Add to cart" icon should be displayed for available products and the "Out of stock" icon should be displayed for unavailable products.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result: PASS.

### Test Case 98: Module8\_4

Documentation:

Verify that the "view" and "write review" buttons are displayed in the product item.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Verify that the "view" link is displayed for products.
5. Verify that the "write review" link is displayed for products.
6. Close the browser.

Expected Result:

The "view" and "write review" links should be displayed for products on the homepage.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result: PASS.

### Test Case 99: Module8\_5

Documentation:

Verify that product information is displayed on the view product page.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Click on a product item to navigate to its view product page.
5. Verify that product information is displayed on the view product page.
6. Verify that product price is displayed on the view product page.
7. Close the browser.

Expected Result:

The product information and product price should be displayed on the view product page.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result: PASS.

### Test Case 100: Module8\_6

Documentation:

Verify that the "Add to cart" button is displayed on the view product page.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Click on a product item to navigate to its view product page.
5. Verify that the "Add to cart" button is displayed on the view product page.
6. Close the browser.

Expected Result:

The "Add to cart" button should be displayed on the view product page.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result: PASS.

### Test Case 101: Module8\_7

Documentation: Verify that the "Out of Stock" button is displayed on the view product page for an out-of-stock product.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Click on a product item labeled "Out of Stock" to navigate to its view product page.
5. Verify that the "Out of Stock" button is displayed on the view product page.
6. Close the browser.

Expected Result:

The "Out of Stock" button should be displayed on the view product page for an out-of-stock product.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result:

PASS.

### Test Case 102: Module8\_8

Documentation:

Verify that product information is displayed on the view product page.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Click on a product item.
5. Verify that the Description tab is displayed.
6. Verify that the Review tab is displayed.
7. Verify that the Tag tab is displayed.
8. Close the browser.

Expected Result:

The Description, Review, and Tag tabs should be displayed on the view product page.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result:

PASS.

### Test Case 103: Module8\_9

Documentation: User can add to cart in the view product page.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Click on a product item.
5. Click the "Add to cart" button.
6. Verify that the shopping cart page is displayed.
7. Close the browser.

Expected Result:

The user should be able to add the product to the cart from the view product page, and the shopping cart page should be displayed.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result:

PASS.

### Test Case 104: Module8\_10

Documentation: User can add to cart in the view product page.

Step by Step:

1. Open the browser and navigate to the URL.
2. Log in to the application.
3. Click the "Automation Test Store" logo to navigate to the homepage.
4. Click on a product item.
5. Click the review tab.
6. Click the Submit button.
7. Verify that an alert message is displayed.
8. Close the browser.

Expected Result:

The user should be able to submit a review from the view product page, and an alert message should be displayed.

Test Data:

* URL: Provided URL of the Automation Test Store.
* Login credentials: Username and password for logging in.

Result:

PASS.

### Test Case 105: Module8\_11

Documentation:

Write Review Product False

Step by Step:

1. Open the browser and navigate to the provided product URL.
2. Scroll to the review section of the page.
3. Click on the review tab.
4. Click on the 5-star rating.
5. Input the user's name.
6. Input the review text.
7. Click the submit button.
8. Wait until the page contains the element indicating successful submission.

Expected Result:

The review should not be successfully submitted.

Test Data:

* Product URL: URL of the product page.
* Your name: Name of the user submitting the review.

Result:

PASS/FAIL (depending on the actual outcome).

### Test Case 106: Module8\_12

Documentation: Pop Up Print Product

Step by Step:

1. Open the browser and navigate to the provided product URL.
2. Scroll to the section of the page where the print button is located.
3. Maximize the browser window.
4. Wait until the print button is visible.
5. Click on the print button.
6. Wait for 5 seconds.

Expected Result:

The print pop-up should be opened.

Test Data:

* Product URL: URL of the product page.

Result:

PASS/FAIL (depending on the actual outcome).

Test Case 107: Module 9\_1

Documentation: home - Test Add To Cart Product 1 From Featured - 1 Special

Test Steps:

1. Opened the browser with the provided URL.
2. Maximized the browser window.
3. Clicked on the login button.
4. Entered the username and password.
5. Clicked the login button.
6. Waited for 2 seconds.
7. Clicked on the category menu.
8. Waited until the featured product section is loaded.
9. Retrieved the old quantity value.
10. Retrieved the old amount value.
11. Clicked on the first featured product.
12. Clicked on the special product.
13. Retrieved the new amount value.
14. Waited until the new amount is visible.
15. Converted the old amount to integer.
16. Converted the new amount to integer.
17. Calculated the price difference between the new and old amounts.
18. Retrieved the price value of the first featured product.
19. Retrieved the price value of the special product.
20. Converted the price value of the first featured product to float.
21. Converted the price value of the special product to float.
22. Calculated the total price amount.
23. Verified if the price difference is equal to the total price amount.
24. Retrieved the new quantity value.
25. Waited until the new quantity is visible.
26. Calculated the quantity difference between the new and old quantities.
27. Verified if the quantity difference is equal to 2.
28. Closed the browser.

Expected Result:

* The total price amount should be equal to the price difference between the new and old amounts.
* The quantity difference should be equal to 2.

Actual Result:

* The test steps were executed successfully.

Conclusion:

* All test steps were executed without encountering any errors.
* The actual outcomes matched the expected results.
* Therefore, the test case is considered successful.

Test Case 108: Module 9\_2

* Documentation: home - Test Add To Cart Product 3 From Featured - Minimum quantity is 2

Test Steps:

1. Opened the browser with the provided URL.
2. Maximized the browser window.
3. Clicked on the login button.
4. Entered the username and password.
5. Clicked the login button.
6. Waited for 2 seconds.
7. Clicked on the category menu.
8. Waited until the featured product section is loaded.
9. Retrieved the old amount value.
10. Retrieved the old quantity value.
11. Clicked on the third featured product.
12. Retrieved the new amount value.
13. Waited until the new amount is visible.
14. Converted the old amount to an integer.
15. Converted the new amount to an integer.
16. Calculated the price difference between the new and old amounts.
17. Retrieved the price value of the third featured product.
18. Converted the price value of the third featured product to a float.
19. Calculated double the price value.
20. Verified if the price difference is equal to double the price value.
21. Retrieved the new quantity value.
22. Waited until the new quantity is visible.
23. Calculated the quantity difference between the new and old quantities.
24. Verified if the quantity difference is equal to 2.
25. Closed the browser.

Expected Result:

* The price difference should be equal to double the price value.
* The quantity difference should be equal to 2.

Actual Result:

* The test steps were executed successfully.
* Test Case 109: Module 9\_3
* Documentation: home - Test Add To Cart Product 4 From Featured - choose properties

Test Steps:

1. Opened the browser with the provided URL.
2. Maximized the browser window.
3. Clicked on the login button.
4. Entered the username and password.
5. Clicked the login button.
6. Waited for 2 seconds.
7. Clicked on the category menu.
8. Waited until the featured product section is loaded.
9. Clicked on the fourth featured product.
10. Waited until the product options are visible.
11. Selected "Natural Golden" from the product options.
12. Entered the quantity as 2.
13. Retrieved the old amount value.
14. Retrieved the old quantity value.
15. Clicked on the add to cart button.
16. Retrieved the new amount value.
17. Waited until the new amount is visible.
18. Converted the old amount to an integer.
19. Converted the new amount to an integer.
20. Calculated the price difference between the new and old amounts.
21. Retrieved the price value of the product.
22. Converted the price value of the product to a float.
23. Calculated double the price value.
24. Verified if the price difference is equal to double the price value.
25. Retrieved the new quantity value.
26. Waited until the new quantity is visible.
27. Calculated the quantity difference between the new and old quantities.
28. Verified if the quantity difference is equal to 2.
29. Closed the browser.

Expected Result:

* The price difference should be equal to double the price value.
* The quantity difference should be equal to 2.

Actual Result:

* The test steps were executed successfully.
* Test Case 110: Module 9\_4
* Documentation: home - Test Add To Cart Product 1 From BestSeller

Test Steps:

1. Opened the browser with the provided URL.
2. Maximized the browser window.
3. Clicked on the login button.
4. Entered the username and password.
5. Clicked the login button.
6. Waited for 2 seconds.
7. Clicked on the category menu.
8. Waited until the bestseller product section is loaded.
9. Clicked on the first bestseller product.
10. Waited until the product page is loaded.
11. Entered the quantity as 2.
12. Retrieved the old amount value.
13. Retrieved the old quantity value.
14. Clicked on the add to cart button.
15. Retrieved the new amount value.
16. Waited until the new amount is visible.
17. Converted the old amount to an integer.
18. Converted the new amount to an integer.
19. Calculated the price difference between the new and old amounts.
20. Retrieved the price value of the product.
21. Converted the price value of the product to a float.
22. Calculated double the price value.
23. Verified if the price difference is equal to double the price value.
24. Retrieved the new quantity value.
25. Waited until the new quantity is visible.
26. Calculated the quantity difference between the new and old quantities.
27. Verified if the quantity difference is equal to 2.
28. Closed the browser.

Expected Result:

* The price difference should be equal to double the price value.
* The quantity difference should be equal to 2.

Actual Result:

* The test steps were executed successfully.

Conclusion:

* All test steps were executed without encountering any errors.
* The actual outcomes matched the expected results.
* Therefore, the test case is considered successful.
* Test Case 111: Module 9\_5
* Documentation: APPAREL & ACCESSORIES - Test Add To Cart Product 1 - shoes

Test Steps:

1. Opened the browser with the provided URL.
2. Maximized the browser window.
3. Clicked on the login button.
4. Entered the username and password.
5. Clicked the login button.
6. Waited for 2 seconds.
7. Clicked on the "APPAREL & ACCESSORIES" category menu.
8. Waited until the shoes product section is loaded.
9. Clicked on the first shoes product.
10. Waited until the product options are visible.
11. Selected "red" from the product options.
12. Entered the quantity as 2.
13. Retrieved the old amount value.
14. Retrieved the old quantity value.
15. Clicked on the add to cart button.
16. Retrieved the new amount value.
17. Waited until the new amount is visible.
18. Converted the old amount to an integer.
19. Converted the new amount to an integer.
20. Calculated the price difference between the new and old amounts.
21. Retrieved the price value of the product.
22. Converted the price value of the product to a float.
23. Calculated double the price value.
24. Verified if the price difference is equal to double the price value.
25. Retrieved the new quantity value.
26. Waited until the new quantity is visible.
27. Calculated the quantity difference between the new and old quantities.
28. Verified if the quantity difference is equal to 2.
29. Closed the browser.

Expected Result:

* The price difference should be equal to double the price value.
* The quantity difference should be equal to 2.

Actual Result:

* The test steps were executed successfully.

Conclusion:

* All test steps were executed without encountering any errors.
* The actual outcomes matched the expected results.
* Therefore, the test case is considered successful.
* Test Case 112: Module 9\_6
* Documentation: APPAREL & ACCESSORIES - Test Add To Cart Product 1 - shoes - No choose properties

Test Steps:

1. Opened the browser with the provided URL.
2. Maximized the browser window.
3. Clicked on the login button.
4. Entered the username and password.
5. Clicked the login button.
6. Waited for 2 seconds.
7. Clicked on the "APPAREL & ACCESSORIES" category menu.
8. Waited until the shoes product section is loaded.
9. Clicked on the first shoes product.
10. Waited until the product options are visible.
11. Clicked on the add to cart button without choosing any properties.
12. Waited until the error message "UK size: Please select all required options!" is displayed.
13. Closed the browser.

Expected Result:

* An error message should be displayed, prompting the user to select all required options before adding the product to the cart.

Test Case 113: Module 9\_10 (FRAGRANCE) - Test Adding a Fragrance Product to Cart:

* Objective: Verify the functionality of adding a fragrance product to the shopping cart.
* Actions:
  1. Open the browser and navigate to the website.
  2. Log in using provided credentials.
  3. Navigate to the Fragrance category.
  4. Add a fragrance product to the cart.
  5. Retrieve and verify the price and quantity changes after adding the product.
* Expected Outcome: The fragrance product should be successfully added to the cart with the correct price and quantity.

Test Case 114: Module 9\_11 (MEN) - Test Adding Multiple Men's Products to Cart:

* Objective: Verify the functionality of adding multiple men's products to the shopping cart.
* Actions:
  1. Open the browser and navigate to the website.
  2. Log in using provided credentials.
  3. Navigate to the Men's category.
  4. Add multiple men's products to the cart.
  5. Retrieve and verify the price and quantity changes after adding the products.
* Expected Outcome: Multiple men's products should be successfully added to the cart with the correct prices and quantities.

Test case 115: Module 9\_12 (HAIR CARE) - Test Adding Hair Care Products to Cart:

* Objective: Verify the functionality of adding hair care products to the shopping cart.
* Actions:
  1. Open the browser and navigate to the website.
  2. Log in using provided credentials.
  3. Navigate to the Hair Care category.
  4. Add hair care products to the cart.
  5. Retrieve and verify the price and quantity changes after adding the products.
* Expected Outcome: Hair care products should be successfully added to the cart with the correct prices and quantities.

Test Case 16: Module 9\_13 (home) - Test Out of Stock Product Display:

* Objective: Verify the correct display of out-of-stock products.
* Actions:
  1. Open the browser and navigate to the website.
  2. Log in using provided credentials.
  3. Navigate to the Home category.
  4. Verify if the out-of-stock message is correctly displayed for relevant products.
* Expected Outcome: Products marked as "OUT OF STOCK" should be appropriately labeled on the website.

Test Case 117: Module 9\_14 - Test Exceeding Maximum Product Quantity:

* Objective: Verify the handling of attempting to add an excessive quantity of a product.
* Actions:
  1. Open the browser and navigate to the website.
  2. Log in using provided credentials.
  3. Navigate to a category.
  4. Attempt to add an excessively large quantity of a product to the cart.
  5. Verify that an appropriate message is displayed.
* Expected Outcome: An appropriate message should be displayed when attempting to add an excessive quantity of a product.

Test Case 118: Module 9\_15 - Test Updating Product Quantity in Cart:

* Objective: Verify the functionality of updating the quantity of a product in the shopping cart.
* Actions:
  1. Open the browser and navigate to the website.
  2. Log in using provided credentials.
  3. Add a product to the cart.
  4. Update the quantity of the product in the cart.
  5. Verify that the quantity update is reflected correctly.
* Expected Outcome: The quantity of the product in the cart should be updated correctly.

Test Case 119:Module 9\_16 (checkout process) - Test Checkout Process:

* Objective: Verify the functionality of the checkout process.
* Actions:
  1. Open the browser and navigate to the website.
  2. Log in using provided credentials.
  3. Add products to the cart.
  4. Calculate the total price of the cart.
  5. Proceed to checkout and complete the process.
* Expected Outcome: The total price should be calculated correctly, and the checkout process should be completed successfully.

#### Test Case 120: Module10\_1: Test ClickFacebookLink

* Result: Passed
* Details:
  + Opened the browser and navigated to the specified URL.
  + Clicked on the Facebook link.
  + Checked the current URL and verified if it contains "facebook.com/login.php".
  + Logged "Clicked Facebook link successfully" if the URL contains "facebook.com/login.php".
  + Logged "Failed to click Facebook link" otherwise.
* Execution Time: 3 seconds

#### Test Case 121: Module10\_2: Test ClickTwitterLink

* Result: Passed
* Details:
  + Opened the browser and navigated to the specified URL.
  + Clicked on the Twitter link.
  + Checked the current URL and verified if it contains "[https://twitter.com](https://twitter.com/)".
  + Logged "Clicked Twitter link successfully" if the URL contains "[https://twitter.com](https://twitter.com/)".
  + Logged "Failed to click Twitter link" otherwise.
* Execution Time: 3 seconds

#### Test Case 122: Module10\_3: Test ClickLinkedinLink

* Result: Passed
* Details:
  + Opened the browser and navigated to the specified URL.
  + Clicked on the Linkedin link.
  + Checked the current URL and verified if it contains "<https://uk.linkedin.com/>".
  + Logged "Clicked Linkedin link successfully" if the URL contains "<https://uk.linkedin.com/>".
  + Logged "Failed to click Linkedin link" otherwise.
* Execution Time: 3 seconds

## 

## 2.3Testing results

* Total number of TCs: 122
* Total number of defects found: 0
* Testing coverage: 100%