

BDD Test Scenarios for AutomationExercise.com

Test Summary

The purpose of this project is to test the main functionalities of the website <https://automationexercise.com>, which is designed for QA training and automation practice.

The testing covers both Manual and Automation Testing, focusing on user registration, login, product browsing, add to cart, checkout, and account deletion.

Feature: User Registration

Scenario 1: Successful Registration

Given the user is on the home page

When the user clicks on “Signup / Login”, fills all required fields correctly, and clicks “Create Account”

Then the system should create the account successfully and display “Account Created!”

Scenario 2: Registration with Existing Email

Given the user is on the signup page

When the user enters an email address that already exists

Then the system should display “Email Address already exist!”

Scenario 3: Missing Required Fields

Given the user is on the signup page

When the user leaves any mandatory fields empty and clicks “Create Account”

Then the system should show validation messages for the missing fields

Feature: User Login

Scenario 1: Successful Login

Given the user has a valid account

When the user enters correct email and password

Then the system should redirect to the home page and display “Logged in as [username]”

Scenario 2: Invalid Credentials

Given the user is on the login page

When the user enters incorrect email or password

Then the system should display “Your email or password is incorrect!”

Scenario 3: Logout

Given the user is logged in

When the user clicks “Logout”

Then the system should log out the user and redirect to the login page

Feature: Contact Us Form

Scenario 1: Successful Message Submission

Given the user is on “Contact Us” page

When the user fills name, email, subject, and message correctly and clicks “Submit”

Then the system should display “Success! Your details have been submitted successfully.”

Scenario 2: Missing Fields

Given the user is on “Contact Us” page

When the user clicks “Submit” without filling required fields

Then the system should show validation messages

Feature: Product Browsing and Add to Cart

Scenario 1: View All Products

Given the user is on the home page

When the user clicks “Products”

Then the system should display all products

Scenario 2: Search Product

Given the user is on the “Products” page

When the user enters a product name (e.g., “Dress”) and clicks “Search”

Then the system should display products matching the keyword

Scenario 3: Add Product to Cart

Given the user is viewing a product

When the user clicks “Add to Cart”

Then the system should show “Your product has been added to cart.”

Scenario 4: View Cart

Given the user has added items to the cart

When the user clicks on “Cart”

Then the cart page should display the added products with details and total

Feature: Checkout and Payment

Scenario 1: Successful Checkout

Given the user is logged in and has items in the cart

When the user clicks “Proceed To Checkout”, confirms address, and completes payment

Then the system should display “Your order has been placed successfully!”

Scenario 2: Checkout without Login

Given the user is not logged in

When the user clicks “Proceed To Checkout”

Then the system should redirect to the login/signup page

Scenario 3: Empty Cart Checkout

Given the cart is empty

When the user clicks “Proceed To Checkout”

Then the system should display “Your cart is empty!”

Feature: Delete Account

Scenario 1: Delete Account Successfully

Given the user is logged in

When the user clicks “Delete Account” and confirms

Then the system should delete the account and display “Account Deleted!”

Tools Used

| Purpose | Tool / Platform |
|-------------------|----------------------------------|
| Manual Testing | Website (AutomationExercise.com) |
| Test Case Writing | Microsoft Excel |
| Browser | Chrome |
| OS | Windows 11 |

Expected Outcome

All main website functionalities (Registration, Login, Contact, Add to Cart, Checkout, Delete Account) should be working as expected with valid data, and proper error messages should appear for invalid inputs.