Automation testing on "Test Automation Practice" website

Objective

This project aims to automate the testing of the web form functionality available on the Test Automation Practice website (https://testautomationpractice.blogspot.com/). The primary focus is on verifying input handling for various fields, ensuring proper functionality of the form, and validating user interactions with the webpage. By automating these tests, the project seeks to enhance the efficiency and reliability of regression testing for web applications.

Scope

This project will focus exclusively on the automation of web form interactions. Key aspects include:

Launching the Test Automation Practice website.

Input validation for name, email, and phone number fields.

Functionality verification for clearing input fields and re-entering data.

Validation of country and color selection options.

Project Deliverables

Selenium Automation Script: Develop a complete automation script using Selenium in Java to:

Launch the website.

Enter, clear, and print the values for name, email, and phone number fields.

Select a country and color from the provided options.

Test Documentation: Document the automation test cases and their results, including any identified issues.

Roles and Responsibilities

Mansi Santosh Mahale: 1. Launch the Website of Test Automation.

2. Enter the name in Name Section

Ambala Rakesh: 3. Clear the Name and enter new name.

4. Print the value of name.

Shubhadip Paul: 5. Enter email address.

6. Clear email address and enter new email address.

7. Print the value of email address.

Bhabani Sankar Khadiratna: 8. Enter the Phone number

9. Print the value of Phone number.

Middela Sathvika: 10. Select any Country.

11.Select any Colour

Tools and Resources

Code Editor: Eclipse IDE is used for writing the codes.

Automation Tool: Selenium WebDriver for browser automation.

Programming Language: Java for scripting the automation tests.

Browser: Google Chrome or other supported browsers for executing tests.

Documentation: Word or Markdown for documenting test cases and results.

Success Criteria

The automation script executes successfully without errors.

All specified form fields are tested for valid and invalid input.

The automation results accurately reflect the functionality of the web form.

Issues identified during testing are documented for future resolution.

Test Closure Report

Objective

To close the testing phase for the automation of the web form functionality on the Test Automation Practice website and confirm that all requirements have been met.

Summary

Total Test Cases: [11]

Passed: [11]

Failed: [0]

Coverage

All web form functionalities and user interaction requirements are tested and covered by the automation script.

Defects

Total Defects Found: [0]

Resolved Defects: [0]

Unresolved Defects: [0]