Automation Testing Project – DemoQA Website

Project Title:

Automation Testing of "DemoQA" Practice Website

Website for Testing:

https://demoqa.com/

Overview

The goal of this project was to automate and validate key features of the DemoQA website using Selenium WebDriver with TestNG, Maven, and Java.

Different modules like Elements, Forms, Alerts, Frames, Windows, Upload & Download, and Data-Driven Testing were automated.

Extent Reports was used to generate an HTML report after test execution.

Tools & Technologies Used

- Java

- Selenium WebDriver

- TestNG

- Apache POI (for Excel)

- Maven

- WebDriverManager

- Extent Reports

- Eclipse IDE

- Google Chrome

Test Execution Summary

Metric	Count
Total Test Cases	10
Passed	10
Failed	0

Test Evidence

- Screenshot: *PracticeFormConfirmation.png*

- HTML Report: *DemoQA_ TestReport.html*

Screenshots

Task1_HomePageTitle
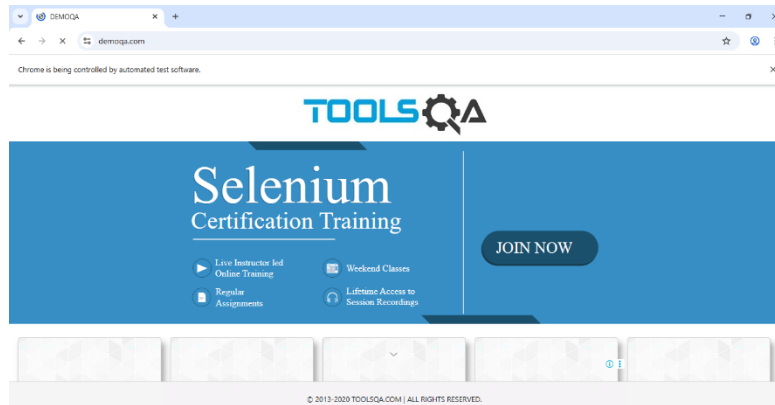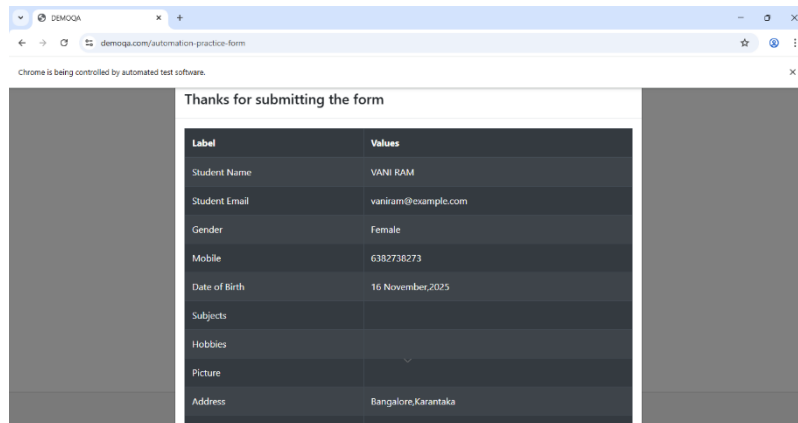

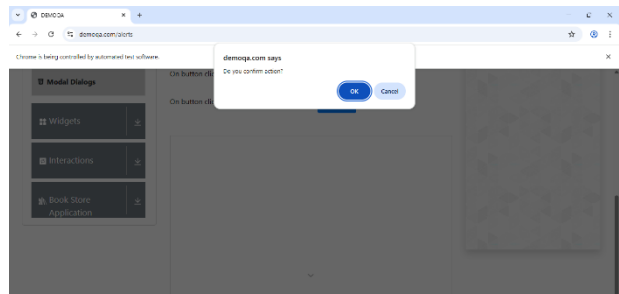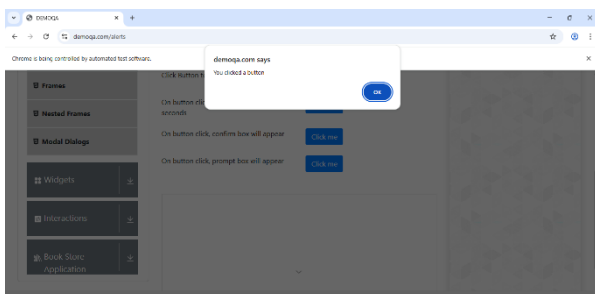### Task2_TextBoxForm
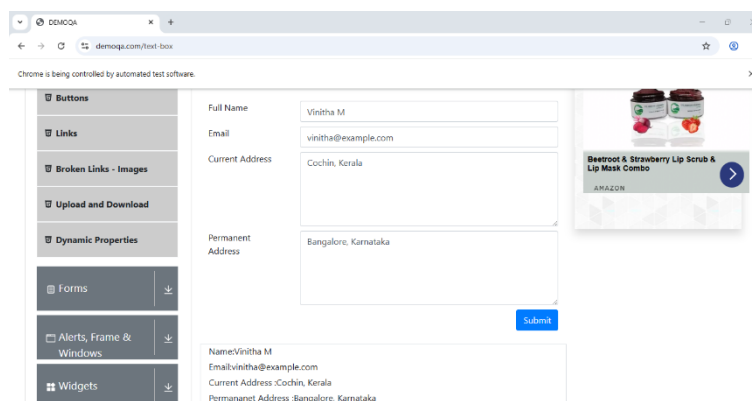
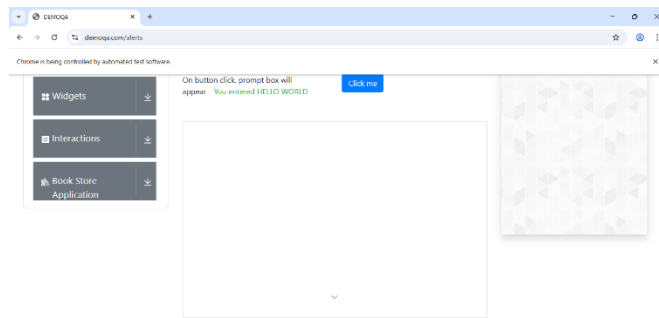### Task3_Checkbox
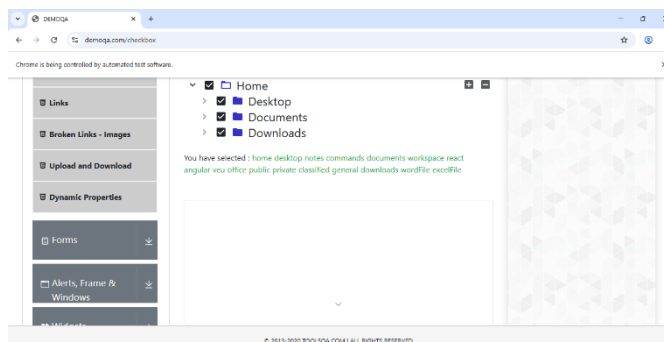
Task3_RadioButton
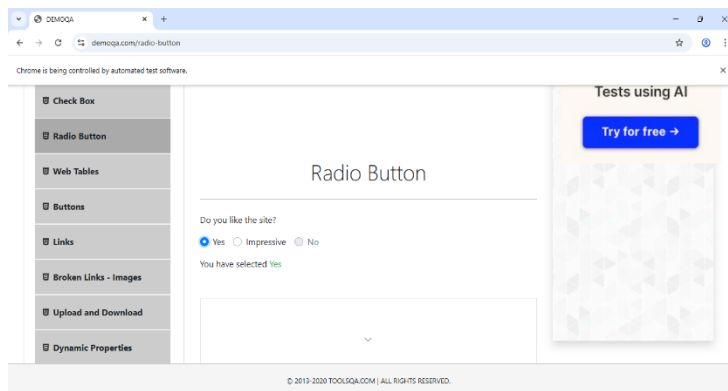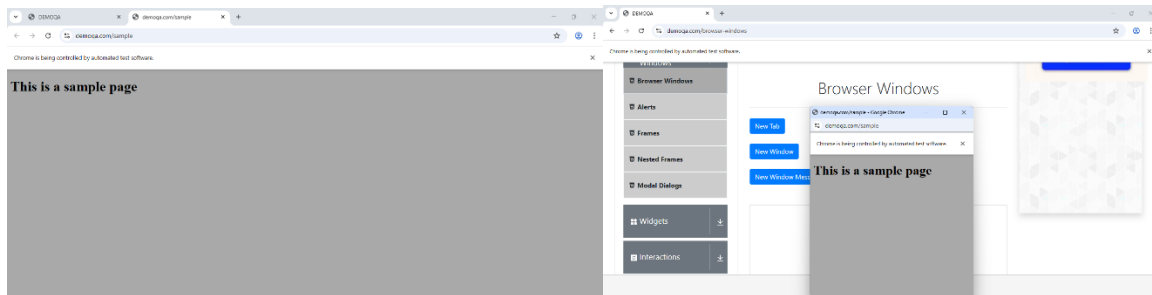
Task4_PracticeFormConfirmation

Task5_Alerts.png
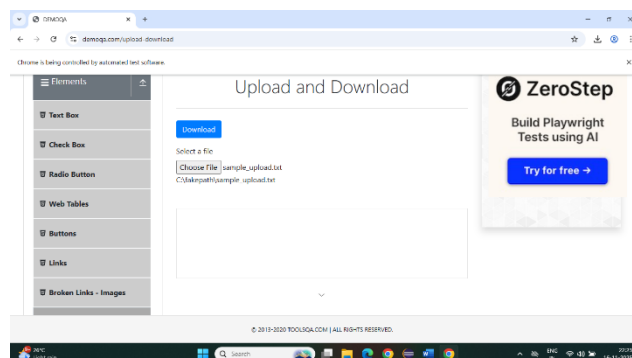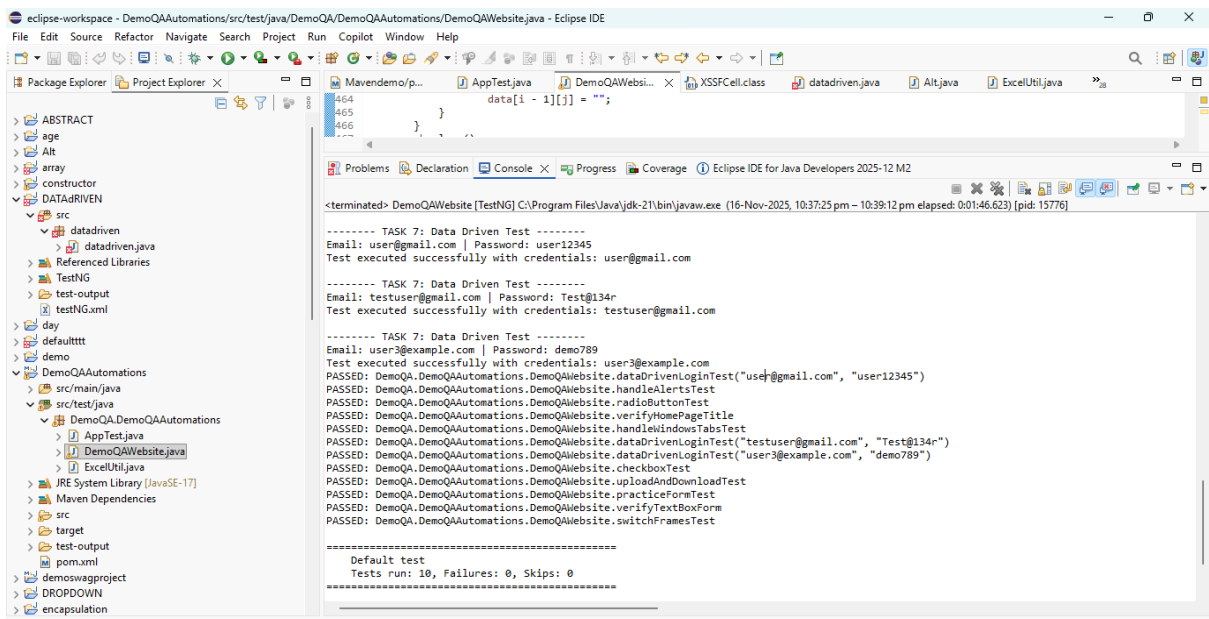
Task5_Frames.png

Task5_WindowsTabs.png

Task6_UploadDownload.png

Task7_DataDrivenTest.png

Overview

All modules executed successfully with valid assertions and output verification.

Data from Excel was used for form filling and parameterized testing.

Extent Report provided detailed results with pass/fail status and execution logs.

The framework followed a modular approach for clarity and maintainability.

Conclusion:

The DemoQA automation project was executed successfully.

All tests passed, reports were generated, and the overall framework met the expected objectives.

Submitted by:

Vinitha M

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