**Automation Framework Documentation**

**Introduction***:*

* Overview of the Automation Framework
* Purpose and Scope

**Technologies Used:**

* NUnit Framework
* Selenium WebDriver
* Selenium ChromeDriver
* .NET Framework
* Visual Studio

**Steps to execute:**

Clone my repo from github : <https://github.com/95aditya/MyAutomationFramework>

Run: EcommerceAutomation.exe

Path: https://github.com/95aditya/MyAutomationFramework/blob/master/EcommerceAutomation/EcommerceAutomation/bin/Debug/net8.0/EcommerceAutomation.exe

**Key Components:**

1. **Assertion Handling:**

* Explanation of Assertion.AreEqual method initialization issues
* Strategies for handling assertion failures.

1. **Page Object Model (POM):**

* Implementation and benefits in the framework

1. **Handling Selenium WebDriver Challenges:**

* Stale Element Exception and solutions
* Handling browser confirmation pop-ups using SwitchTo().Alert()

1. **Element Locators:**

* Methods for handling elements by ID, Classname, XPath

1. **Dealing with Dynamic Pop-ups:**

* Strategies for managing random discount offer pop-ups on checkout pages

1. **Bug Identification and Reporting:**

* Example bugs encountered (e.g., product name discrepancies, signup/login inconsistencies)
* Impact and severity of identified bugs

**Test Execution and Reporting:**

* Challenges faced in configuring test result reports
* Current approach for test result reporting (e.g., printing results)

**Bugs:**

1. Description: When i am trying to use Assert.AreEqual(Actual result , Expected result and other condition then my Actual result: Hamdard roohafza 750.00 ml and Expected result: Hamdard Roohafza 750.00 Ml... both product name title is different ExpectedResult: Product name should be same in all section.
2. Bug2: When i am trying to Signup from browser then it says please signup from your mobile and when a signup from mobile app it is as Sign up with mobile number and OTP, Now i have successfully login the application but when a try to login from browser then it design as login with Mobile number and Password. Note: It is a blocker issue with High Severity and High Priority That's why i am unable to proceed.

**Conclusion:**

* Summary of framework capabilities and challenges
* Future improvements and considerations