

Used Frameworks and Languages:

In this project, we utilize the following frameworks and languages:

.NET 6

SpecFlow for Behavior-Driven Development (BDD) testing

Selenium for automated testing

Gherkin syntax for specifying test scenarios

C# as the primary programming language

****Setting up the Automated Test Environment:****

1. ****Prerequisites:****

- Ensure that you have Visual Studio, .NET 6 SDK, and related tools, such as SpecFlow, installed on your system.
- Be sure to restore any necessary dependencies or NuGet packages using `dotnet restore`.

2. ****Cloning the Repository:****

- Clone the project's Git repository to your local system using the Git clone command.

3. ****Opening the Project:****

- In Visual Studio, open the test automation project.

4. ****Viewing Test Explorer:****

- Access the Test Explorer window in Visual Studio by going to "View" > "Test Explorer."

****Running the Automated Test Suite:****

5. ****Test Execution:****

- Execute the automated test suite by selecting the tests from the Test Explorer and running them.

6. ****Error Handling and Screenshots:****

- Note that the project captures screenshots on test errors. In case of a test failure, locate the error screenshots for reference.

7. ****HTML Report Generation:****

- The test suite generates an HTML report using LivingDoc. Find and view this report after running the tests.

****All Test Files and Dependencies Included:****

- Please note that all the necessary test files, test data, and executables are included within the project. There is no need to install any additional dependencies or software.