**Automation Solution Documentation**

Solution is designed using Typescript(javascript) with selenium (webdriver.io).

1. Following BDD approach tests are written using Gherkin language.

This is the entry point for the test and can be located under features folder *homePage.feature* file

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1. Page object module is applied which contains pages under test and locators for objects on the pages

These files are in *pageobjects* folder within *features* folder

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The pageobject class comprises of selectors which defines page object properties and methods which are used to interact with the page objects.

Following object-oriented design approach the locators are set to private to prevent access from external classes while methods are set to public to permit access to external classes.

1. Step definition is created to link feature files with pageobject class. This file is located under step-definitions folder

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1. The configuration files are package.json , tsconfig.jon and wdio.conf.ts

Package.json contains test setup and list of dependencies required to run the tests

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wdio.conf.ts contains webdriver configuration.

There was an issue with browser popup blocking elements during test. This was removed here by disabling popup.

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**To execute test**

1. Open solution in VScode
2. Open a new terminal Graphical user interface, text

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3. Ensure the command prompt is in the right folder location Text

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4. Execute the following command – npm install (this is to install all dependencies)
5. - npx wdio run test/wdio.conf.ts (to run tests)
6. If all goes well Text

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7. Test results are stored under allure-results folder as JSON file Graphical user interface, table

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