**Playwright+TypeScript+Cucumber** **Framework**

**Prerequisites**

* NPM
* Node
* VSCode

**Installation**

1. **Download the framework from the repository** “git clone <https://github.com/Francis143/Grips-Framework.git>”
2. **Open the project in** VSCode
3. **Use this command line in VSCode terminal** “npm Install” and “npm install @cucumber/cucumber”
4. **Then to install playwright use this command** “ npx playwright install”

**Project Folder structure:**

GRIPS-FRAMEWORK

**Page-**This is page object model to organize the locators page wise.

**For example:** LogingPage.ts

A screenshot of a computer program

Description automatically generated

**Src -**We have feature file, test definitions, hooks and all other supporting files

**For example: Loging.feature** = where we can write a feature file

A screenshot of a computer

Description automatically generated

**LoginStep.ts**= where we can write implementation

A screen shot of a computer program

Description automatically generated

**hook.ts**= Where we can set all hooks and set browser speed and browser mode.

A screen shot of a computer program

Description automatically generated

**Report.ts**=We have integrated “Multiple cucumber html report” where we can add more details about project and browser and system information

A screen shot of a computer

Description automatically generated

**assert.ts**=Where we can create custom assertion methods

A screenshot of a computer

Description automatically generated

**Cucumber.js**=Execution starts from here ,We can set parallel execution

A screenshot of a computer program

Description automatically generated

Package.json=Where we can see the dependencies and set script,posttest script

A screenshot of a computer

Description automatically generated

HTML Reports: We can get HTML report under test-resulst folderA screenshot of a computer

Description automatically generated

**To Execute the project use below command line in the VSCode Terminal:**

npm run test

**To Execute the Failed test cases below command line in the VSCode Terminal:**

npm run test:failed