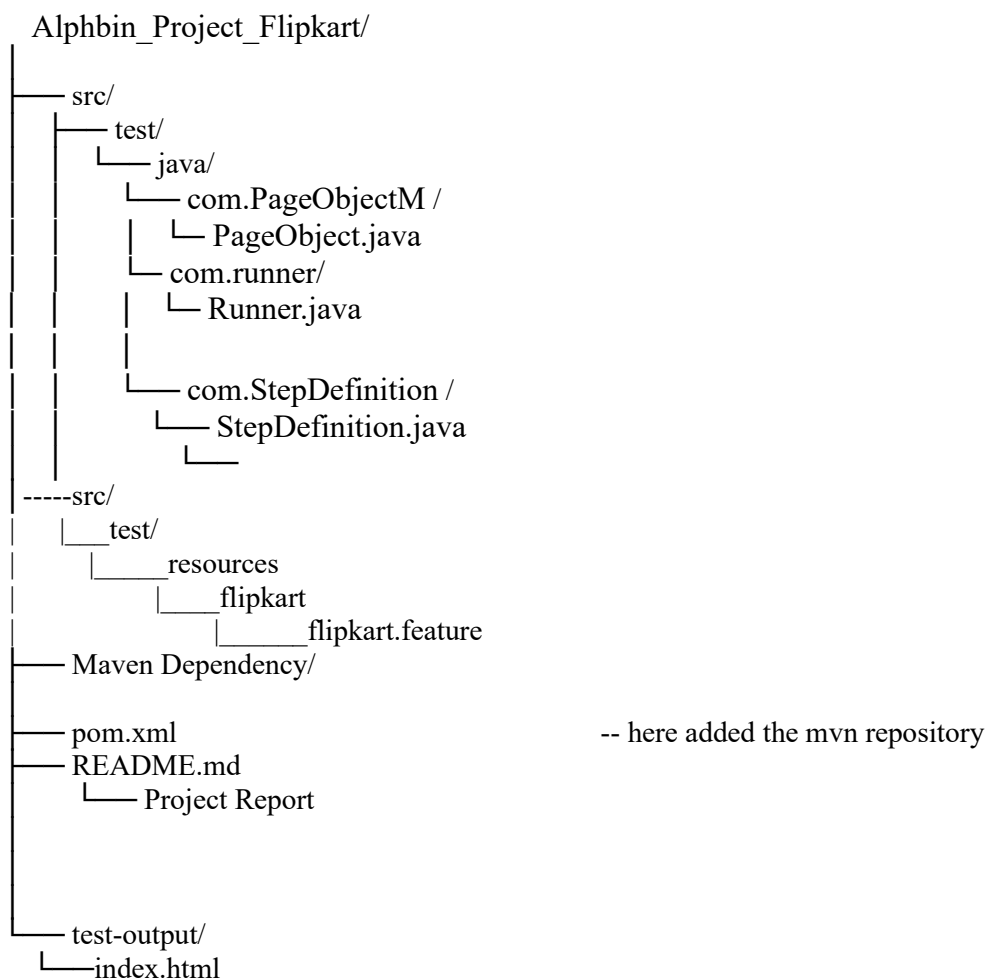# Project Report: Flipkart Cucumber BDD Framework

This project involves the development of a Selenium-based web automation framework using Cucumber for behaviour-driven development (BDD). The framework is designed to automate the testing of various functionalities on the Flipkart website, including product listing, sorting, cart operations, and more.

Project Structure –

1. Go to IDE (Spring suite tool)
2. Create a maven project (Alphbin_Project_Flipkart)
3. Inside project go to src/test/java
4. Creating a package which name is com.PageObjectM
5. Crating a class inside the com.PageObjectM
6. Class name is PageObject.java

7. And again creating one package in (Alphbin_Project_Flipkart)
                    Which name is com.runner
Inside the package careating a new class Runner.java
8. And again creating one package in (Alphbin_Project_Flipkart)
                    Which name is com.StepDefinition
Inside the package careating a new class StepDefinition.java


```
Alphbin_Project_Flipkart/

─── src/
     ├── test/
     │    └── java/
     │         └── com.PageObjectM /
     │         │    └── PageObject.java
     │         └── com.runner/
     │         │    └── Runner.java
     │         │
     │         └── com.StepDefinition /
     │              └── StepDefinition.java
     │                   └──
-----src/
│    |___test/
│        |_____resources
│             |____flipkart
│                  |_____flipkart.feature
├── Maven Dependency/

├── pom.xml                              -- here added the mvn repository
├── README.md
│    └── Project Report



└── test-output/
     └──index.html
```

1. Installation –

Prerequisites

Ensure the following software is installed on the machine:

1. **Java Development Kit (JDK)**: Make sure you have JDK 8 or higher installed.
2. **Maven**: Ensure Maven is installed.

2. Clone the Repository

1. **Open a terminal (or Command Prompt on Windows)**.
2. **Navigate to the directory** where you want to clone the repository.
3. **Clone the repository** using the following command:

   https://github.com/Hariom-Kumar7/Flipkart-Cucumber-BDD-Framework-With-POM.git

4. **Navigate to the project directory**:

https://github.com/Hariom-Kumar7/Flipkart-Cucumber-BDD-Framework-With-POM

3. Install Dependencies

Run the following command to install all the dependencies required for the project:

mvn clean install

This command will download all the necessary dependencies specified in the pom.xml file.

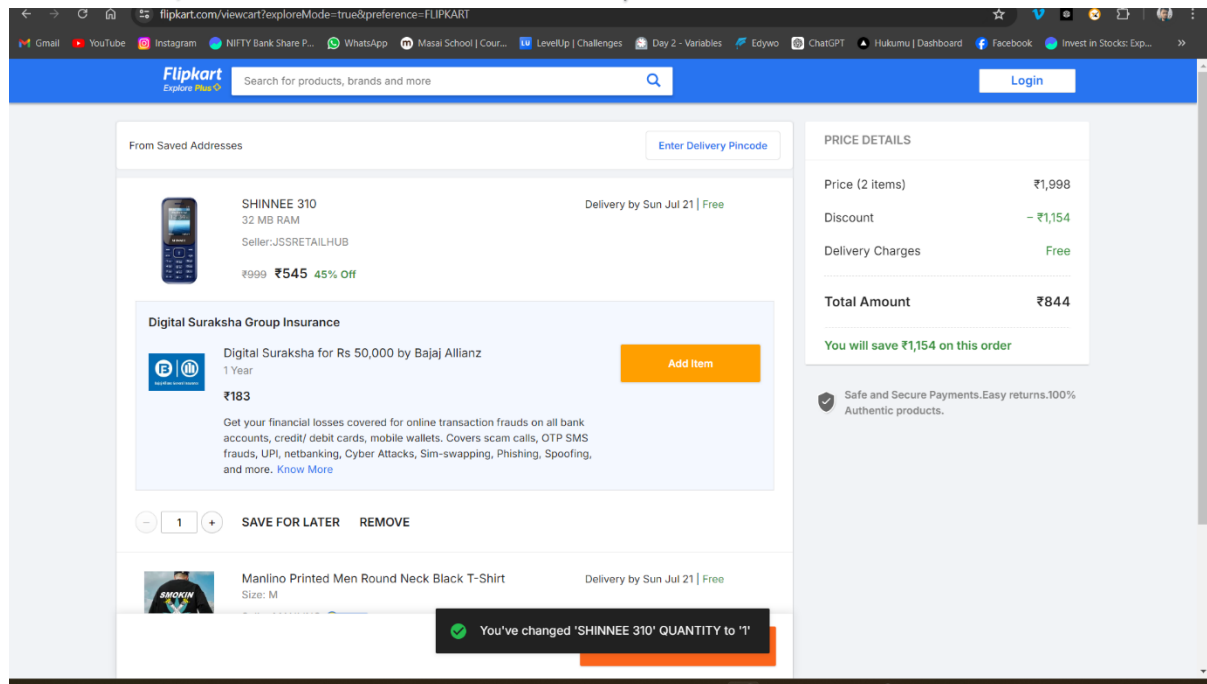## 4. Running the Tests

To run all tests:

mvn test

Created by – Hariom kumar
Date – 17-07-2024

Some additional –

About the scenario -2

In second scenario whenever I am trying to remove product with "-1"
Is not take, I unable to automate fully this scenario

About the scenario -3

In third scenario I am trying to add Wishlist that time It is asking to login, when I trying to login it should asking enter the OTP, and how to automate OTP, and we are not automating OTP that's why I am not fully automate that scenario-3