**Instructions**

1. **UI Automation framework:**
   1. Project Summary: Considered the given workflow as a user journey. To automate the journey, I created a framework for automating the Maven project **using Java, Selenium WD with maven and cucumber.**
   2. Pre prerequisite
      1. Java (JDK+JRE, version 1.8)
      2. Java programming
      3. GitHub account
      4. Git configured with your system
      5. Installation
         1. IntelliJ community edition IDE
            1. Comes with maven as build tool
            2. Plugins that needs to install in IntelliJ (File>Settings>Plugins)

Cucumber for Java

Gherkin

* 1. **How to run the project:**
     1. Go to the link: <https://github.com/Shakik-M/NM_codeTest_Cucumber>
     2. Clone it to local machine
     3. Go to the cloned folder
     4. Open the project in IntelliJ
     5. Give some time to load the dependencies
     6. Go to the **Terminal** in IDE
     7. Run any of the following command:
        1. mvn verify
        2. mvn verify -Denv=qa -Dbrowser=chrome
        3. mvn verify -Denv=qa -Dbrowser=chrome -Dcucumber.filter.tags="@shopping"
        4. mvn verify -Denv=stage -Dbrowser=chrome -Dcucumber.filter.tags="@shopping"
        5. mvn verify -Denv=prod -Dbrowser=chrome -Dcucumber.filter.tags="@shopping
     8. The test will start running
     9. Chrome browser will open and start executing the user journey in given order – the actions will be visible
     10. Once finished all the steps – the driver will automatically quit
     11. The terminal is expected to be like this :

A screenshot of a computer

Description automatically generated with medium confidence

* + 1. To run the test in system Terminal, go to the location
    2. Run any of the command mentioned above
    3. The expected outcome is also shown in the screenshot above.
    4. To see the Cucumber-JVM report
       1. go to the cloned folder and then follow the path:

*NM\_codeTest\_Cucumber/target/cucumber-report-html/cucumber-html-reports*

* + - 1. Double click on the file named: **feature-overview.html**

Or

1. In IntelliJ in package explorer go to
   1. target folder
   2. cucumber-report-html
   3. cucumber-html-reports

and right click on

* 1. feature-overview.html
  2. >open in > Browser > chrome/firefox or other installed browser
     1. The expected outcome will be like the attached report:

A picture containing graphical user interface

Description automatically generated