**Assumptions related to the environment**

To execute the code, the following assumptions are made.

* Maven installed and configured the environment variable
* Java 8 installed and configured the environment variable
* IntelliJ / Eclipse IDE for a code walk through (optional)

For web front end tests

* The code uses ChromeDriver included in the project.

**The Project is a multi-module maven project**

**Part 1 – (Project - MetaDataService)**

The code reads the properties file **config.properties**. (Identity\_E2E\config.properties). The directory and the supported MIME types are configured in the config.properties file.

To execute the code, configure the required directory and supported mime types in config.properties file. Open the command prompt and go to the above project root (/ **MeataDataService)** and run the following command.

mvn clean compile

mvn exec:java -Dexec.mainClass="org.identity.client.ServiceClient "

This will print out the required meta data on the console.

**Part 2 - Web Front-end test (Project - Framework)**

The project uses Cucumber JVM with Java and uses chrome driver. The CSV or Excel files with vehicle details must be specified in

The code is written using Page Object Model pattern using PageFactory.

This project used the Part 1 maven module. To run the code, open the command prompt, go to the parent project root (>/**Identiry\_E2E**) and run the following command

**mvn clean test**

The reports will be published in the location **Identity\_E2E/Framework/target/cucumber**.

**NOTE *– The framework now works only for one record in Excel / CSV sheet.***

**Improvements possible id time is allowed**

* **Complete Exception Handling.**
* **Execution of tests for multiple records in Excel / CSV**