**API Automation**

**Approach**

1. I have chosen BDD approach using cucumber as a framework. Benefits of this is it is very easy to read Scenario flow and easy to maintain.
2. Using cucumber, we can write scenarios in plain English language and map that with step definitions.

**Library used to automate REST API calls**

1. I have chosen Rest Assured as a Java based library to automate REST endpoints.
2. RestAssured provides large set of built in functions for REST API’s.
3. RestAssured freely available library to automate REST endpoints.

**Programming language**

1. I have chosen JAVA as a programming language.
2. Java is most widely used programming language and lot of libraries available to read/write JSON, excel etc.
3. We can use same programming language for UI as well as API Automation.

**Unit testing framework**

I have chosen JUnit as a unit-testing framework because it is most compatible with cucumber.

**Build tool**

I have chosen Maven as a build management tool and using this I can manage all dependencies required to run the project.

**How to run**

1. Clone entire project on local machine from GitHub.
2. Execute maven command from command-line as per below screen-shot.



