**Automation of the Swagger API (Pet module)**

**Project Name :**

SwaggerPetProject

**Tools used :**

Eclipse IDE

**Project details:**

* This is a Java(Maven) project
* TestNG is used better organization od testcases and execution
* Rest Assured (it is an API which is designed to automate Rest API/ Rest API's) is used to Automation

**Components of the Projects:**

* ApiMethods **:** 
  + These are the API methods which are created for each and every API request, these can be executed as a Individual test as well
* testng.xml:
  + This file contains the Test Suite with a list of testcases mentioned above with its flow
* pom.xml :
  + This contains all the dependencies used in the project
* Others**:**
  + Maven Dependencies and referred Libraries

**How to Run the Tests?**

**Pre-requisites:**

Java should be installed on the machine

We can execute the test in 2 different ways

1. **Execution from Eclipse**
   1. Pre-requisite :
      1. Eclipse is installed
   2. Steps to Run Tests:
      1. Download the project from GIT
      2. Open the Project in Eclipse
      3. Right on testng.xml (which is directly under project folder)
      4. Run As -- TestNG Suite
      5. User can see the results in the TestNG Results tab
      6. Click on "Open TestNG Report" icon in the right top of the Result tab and user can see a default view of report
2. **Execution from Command prompt**
   1. Pre-requisite :
      1. Maven is installed and "M2\_Home" command Path is set up in environment variables
   2. Steps to Run Tests:
      1. Download project from GitHub
      2. Goto the downloaded location and copy the path
      3. Edit a "ExecuteTests.bat" under the Project folder
      4. Update the location of the project and save it
      5. Double click on the bat file
      6. Tests get executed and results are shown in the command prompt