

Boot Camp PROJECT: API AUTOMATION

Introduction: Each team has their own JSON server and JSON Data with different tables such as: **CustomerDetail**, **EmployeeDetails**, **Salary** and so on.

Approach: You have to develop an Automation testing framework with REST-ASSURED

In below I described the Tools, Technologies that you/team have to utilize.

FRAMEWORK:

REST Assured automation Framework

1. RestAssured
2. TestNG
3. Behavior Driven Development (BDD) Framework.

PROGRAMMING CONCEPT:

Concept of JAVA OOP as much as possible including

HTTP Method or API call : Should be validate with

1. GET
2. POST
3. PUT
4. DELETE

HTTP Status code: should be capture below status code

1. 200
2. 201
3. 400
4. 404
5. 500

WEB SERVICE:

RestFull Web Service

TOOLS:

1. Eclipse
2. IntelliJ ide

DEPENDENCIES:

Dependency you have to use :

1. RestAssured
2. TestNG
3. Cucumber-Core
4. Cucumber-java
5. Cucumber-JVM-Deps
6. Cucumber Junit
7. Cucumber Extent Rreports
8. Common lo

TYPE OF TESTING MUST BE PERFORMED:

1. Smock/Sanity Test
2. Complete Regression Test
3. UAT Test including:
 1. Features file
 2. Test Runner
 3. Step Definition
 4. Scenario Outlines

Report Generating

1. Extent Report
2. TestNG Report
3. HTML Report
4. JSON Report

ENVIRONMENT:

1. MAC
2. Windows