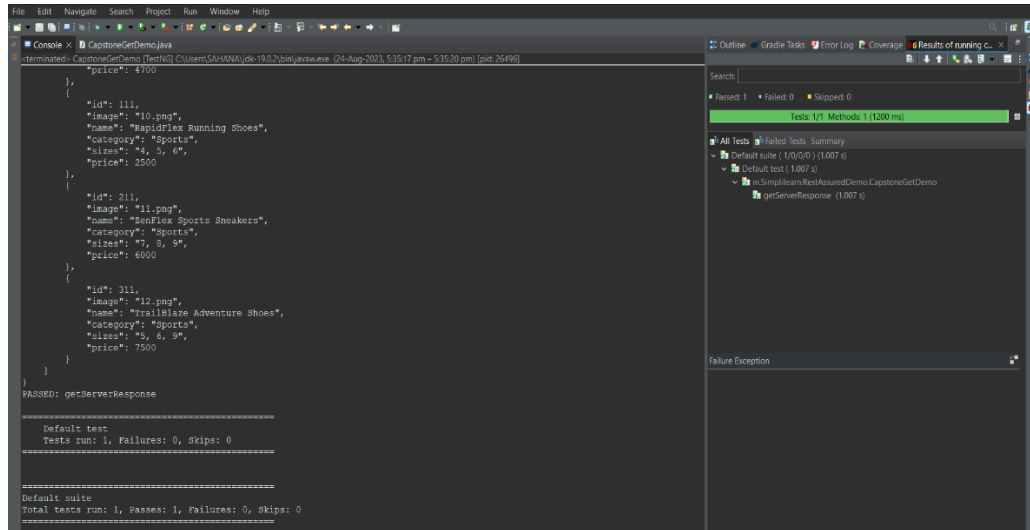


Capstone Project: Create a Testing Framework for Sporty Shoes Website

SCREENSHOT:

1. Automate the below API endpoints using Rest-Assured



```
File Edit Navigate Search Project Run Window Help
CapstoneGetDemo.java
<terminated> CapstoneGetDemo [TestNG] C:\Users\SAHANA\jdk-19.0.2\bin\javaw.exe (24-Aug-2023, 5:35:17 pm - 5:35:20 pm) [pid: 26466]

    "price": 4700
  },
  {
    "id": 111,
    "image": "10.png",
    "name": "Rapidflex Running Shoes",
    "category": "Sports",
    "size": "4, 5, 6",
    "price": 2500
  },
  {
    "id": 211,
    "image": "11.png",
    "name": "MenFlex Sports Sneakers",
    "category": "Sports",
    "size": "7, 8, 9",
    "price": 6000
  },
  {
    "id": 311,
    "image": "12.png",
    "name": "Trailblaze Adventure Shoes",
    "category": "Sports",
    "size": "5, 6, 9",
    "price": 7500
  }
]
PASSED: getServerResponse

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

Search

Passed: 1 Failed: 0 Skipped: 0

Tests: 1/1 Methods: 1 (1200 ms)

All Tests Failed Tests Summary

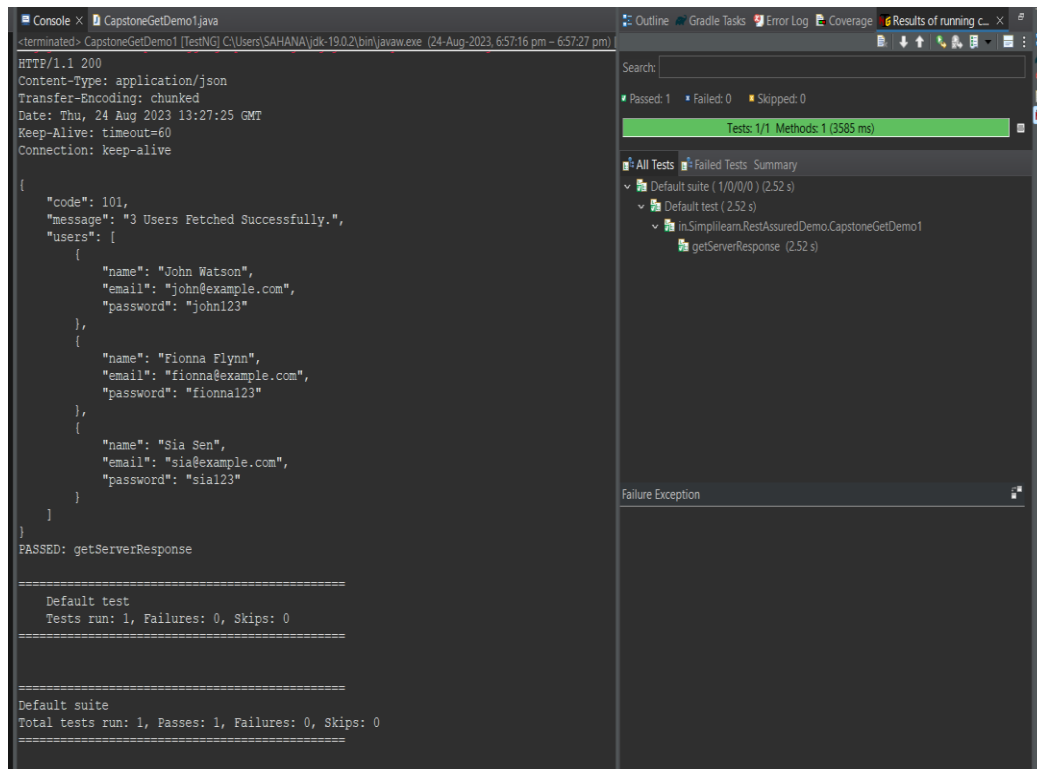
Default suite (1/0/0/0) (1.007 s)

Default test (1.007 s)

in.Simplilearn.RestAssuredDemo.CapstoneGetDemo

getServerResponse (1.007 s)

Failure Exception



```
File Edit Navigate Search Project Run Window Help
CapstoneGetDemo1.java
<terminated> CapstoneGetDemo1 [TestNG] C:\Users\SAHANA\jdk-19.0.2\bin\javaw.exe (24-Aug-2023, 6:57:16 pm - 6:57:27 pm)

HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Thu, 24 Aug 2023 13:27:25 GMT
Keep-Alive: timeout=60
Connection: keep-alive

{
  "code": 101,
  "message": "3 Users Fetched Successfully.",
  "users": [
    {
      "name": "John Watson",
      "email": "john@example.com",
      "password": "john123"
    },
    {
      "name": "Fionna Flynn",
      "email": "fionna@example.com",
      "password": "fionna123"
    },
    {
      "name": "Sia Sen",
      "email": "sia@example.com",
      "password": "sial23"
    }
  ]
}
PASSED: getServerResponse

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

Search

Passed: 1 Failed: 0 Skipped: 0

Tests: 1/1 Methods: 1 (3585 ms)

All Tests Failed Tests Summary

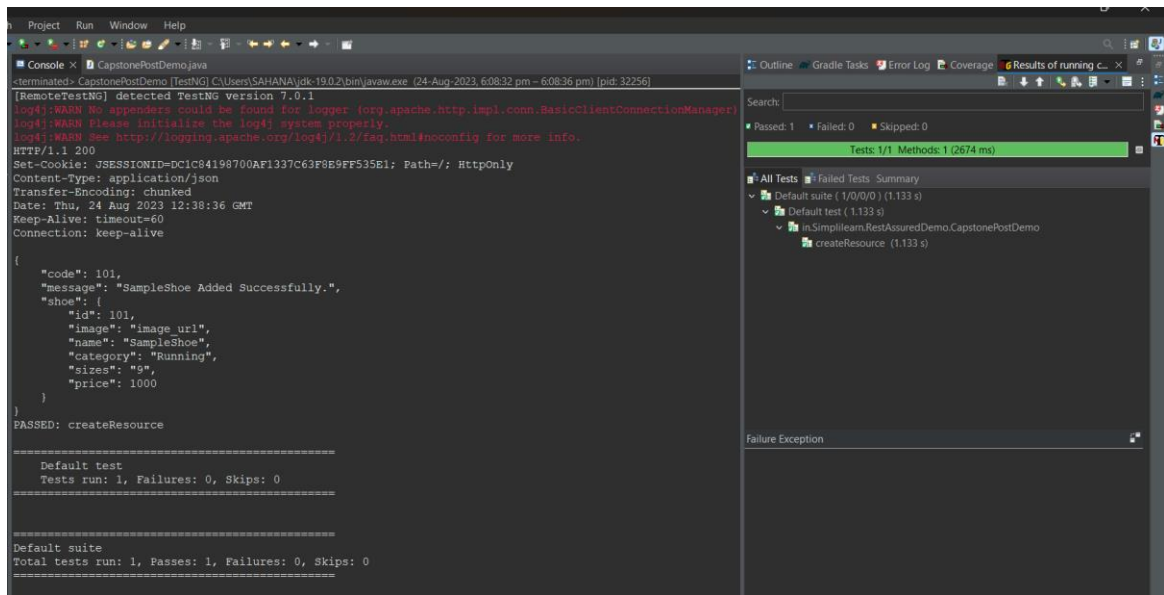
Default suite (1/0/0/0) (2.52 s)

Default test (2.52 s)

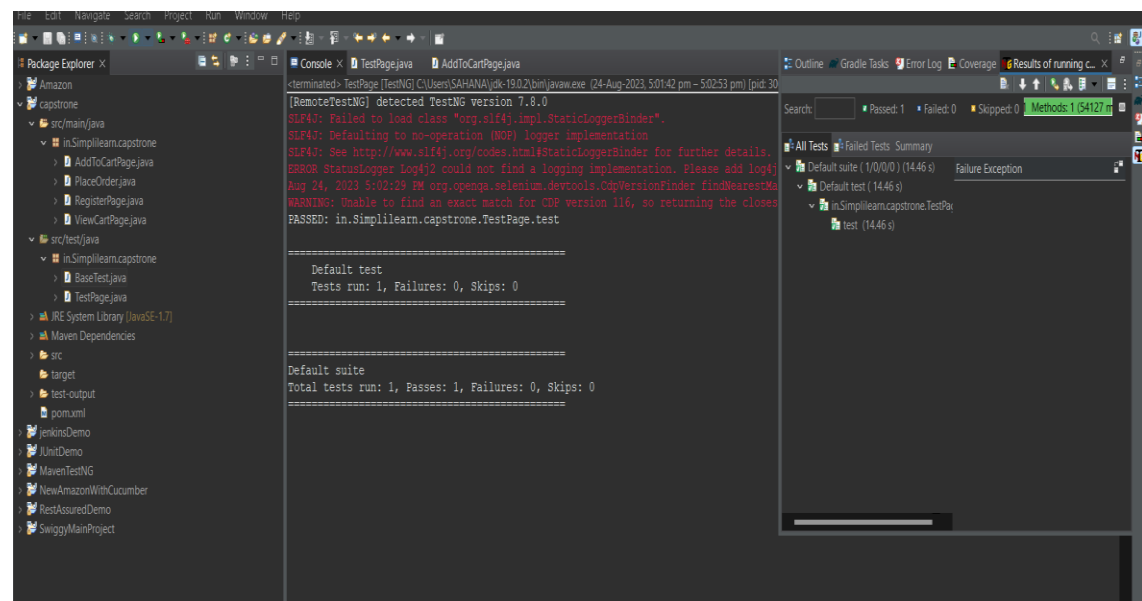
in.Simplilearn.RestAssuredDemo.CapstoneGetDemo1

getServerResponse (2.52 s)

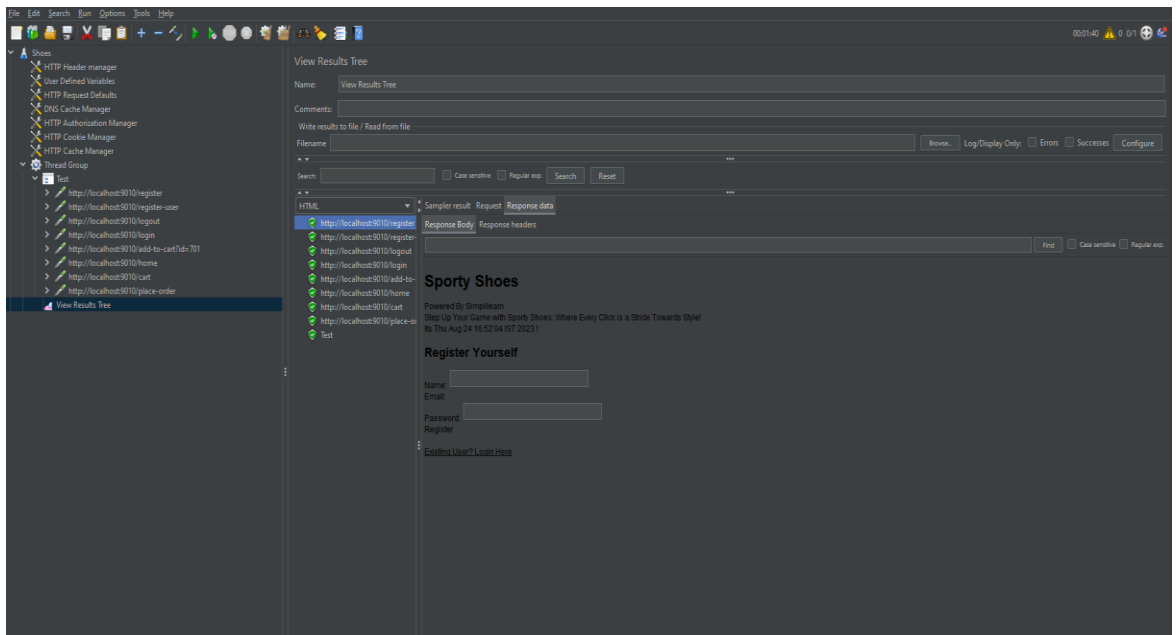
Failure Exception



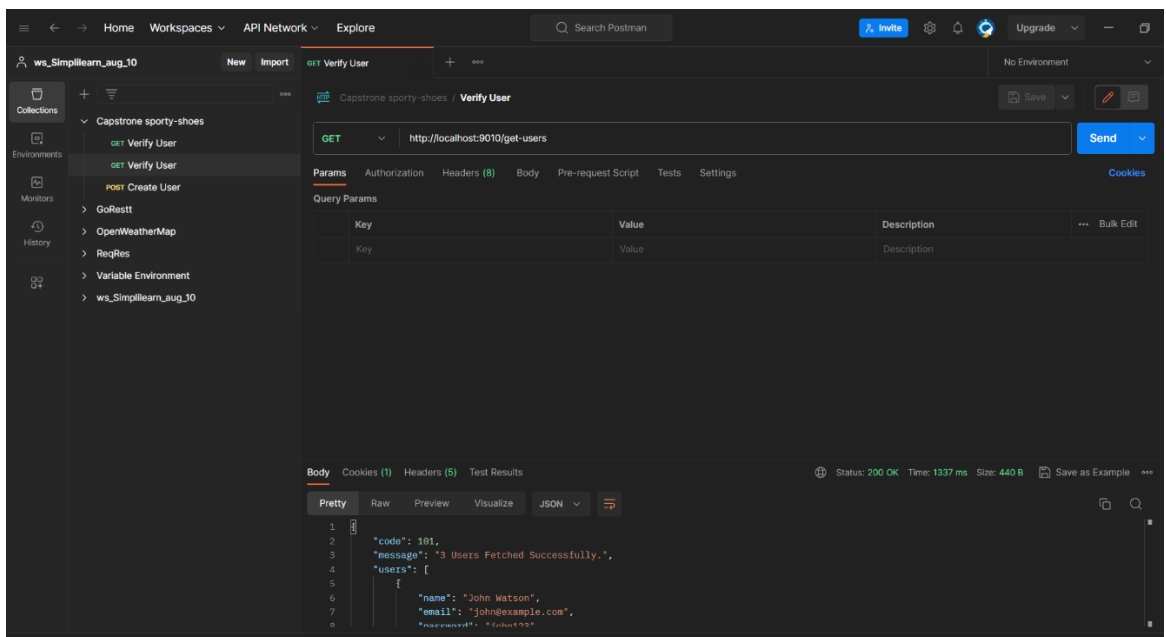
2. Create Selenium scripts using TestNG to test all the pages in the web app that will automate



3. Create JMeter scripts to do load testing of the homepage and the product detail page



4. Create Postman scripts to test the following API endpoints:



ws_Simplelearn_aug_10 New Import GET Verify User POST Create User + ... No Environment

Collections + - ... Capstrone sporty-shoes

Environments + - ... GET Verify User POST Create User

Monitors + - ... GoRestt OpenWeatherMap ReqRes Variable Environment ws_Simplelearn_aug_10

History + - ...

Capstrone sporty-shoes / Verify User

GET http://localhost:9010/get-shoes Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK Time: 6 ms Size: 1.55 KB Save as Example

Pretty Raw Preview Visualize JSON ...

```
1 {
2   "code": 101,
3   "message": "12 Shoes Fatched Successfully.",
4   "shoes": [
5     {
6       "id": 101,
7       "image": "1.png",
8       "name": "Stubbare Dinning Shoe"
```

ws_Simplelearn_aug_10 New Import POST Create User + ... No Environment

Collections + - ... Capstrone sporty-shoes

Environments + - ... GET Verify User POST Create User

Monitors + - ... GoRestt OpenWeatherMap ReqRes Variable Environment ws_Simplelearn_aug_10

History + - ...

Capstrone sporty-shoes / Create User

POST http://localhost:9010/add-shoe?id=101&image=image_url&name=SampleShoe&category=Running&sizes=9&price=1000 Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> id	101	
<input checked="" type="checkbox"/> image	image_url	
<input checked="" type="checkbox"/> name	SampleShoe	
<input checked="" type="checkbox"/> category	Running	
<input checked="" type="checkbox"/> sizes	9	
<input checked="" type="checkbox"/> price	1000	
Key	Value	Description

Body Cookies (1) Headers (6) Test Results Status: 200 OK Time: 1474 ms Size: 398 B Save as Example

Pretty Raw Preview Visualize JSON ...

```
1 {
2   "code": 101,
3   "message": "SampleShoe Added Successfully.",
4   "shoe": {
5     "id": 101,
6     "image": "image_url",
7     "name": "SampleShoe",
8     "category": "Running"
```