

Capstone Project:

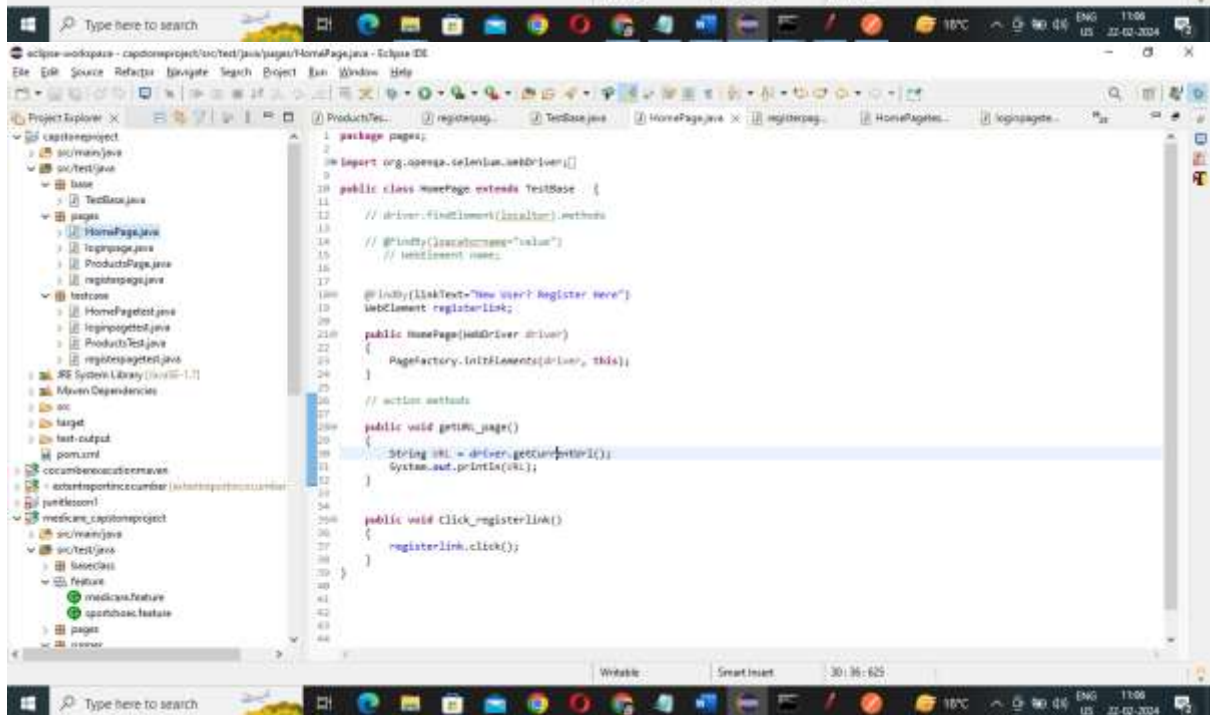
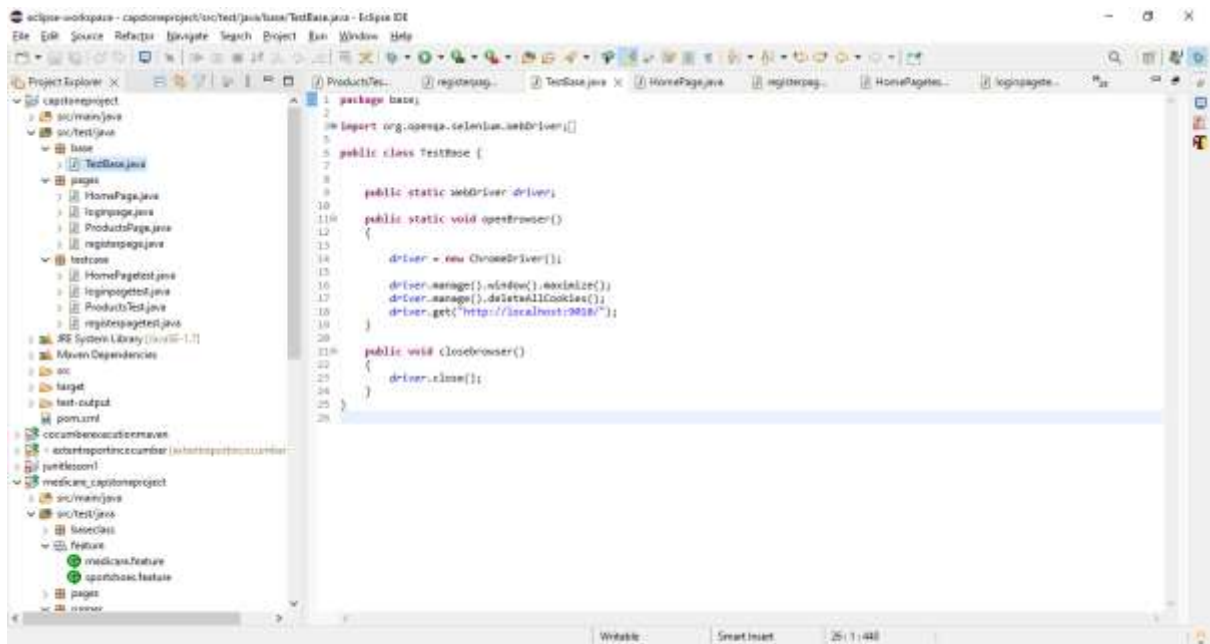
Create a Testing Framework for the Sportyshoes Website Project objective:

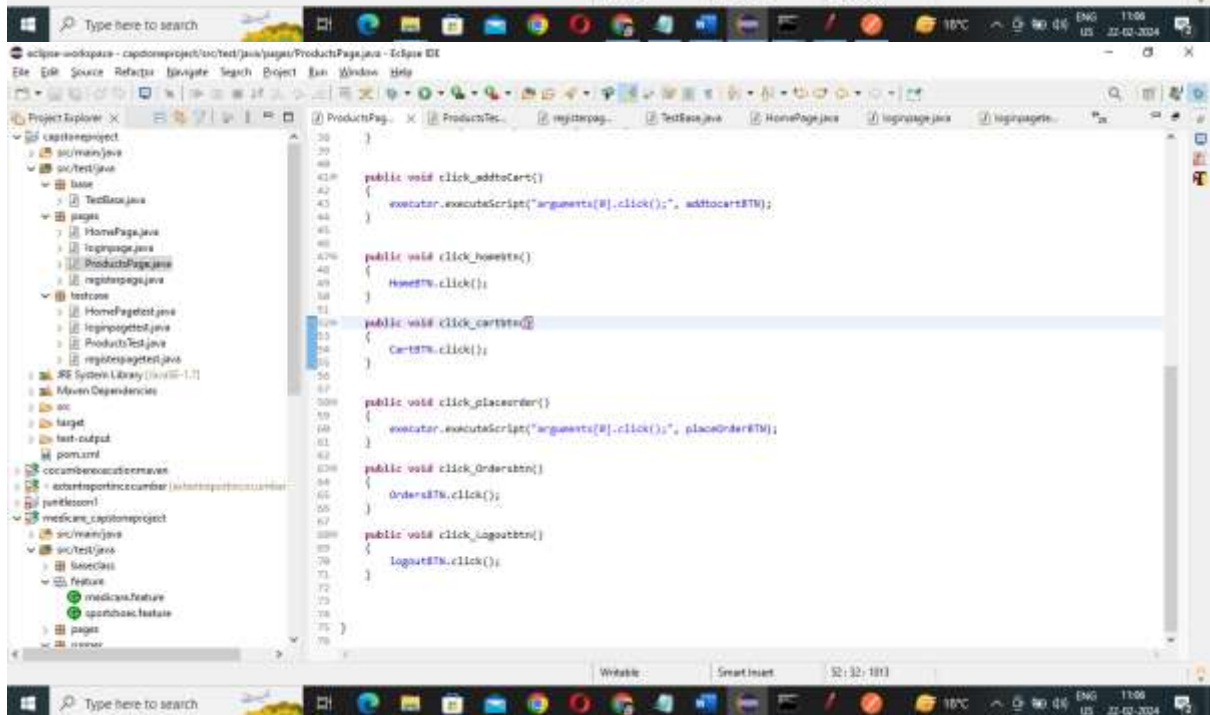
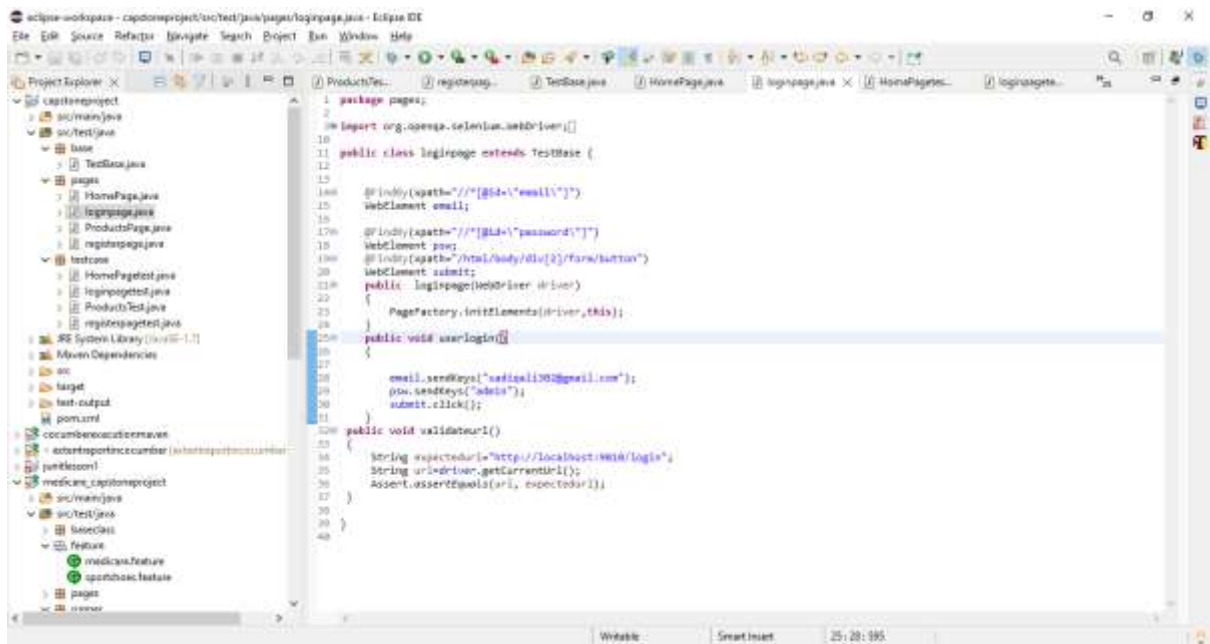
To develop a comprehensive QA and test suite for the Medicare website. The QA effort will require the following:

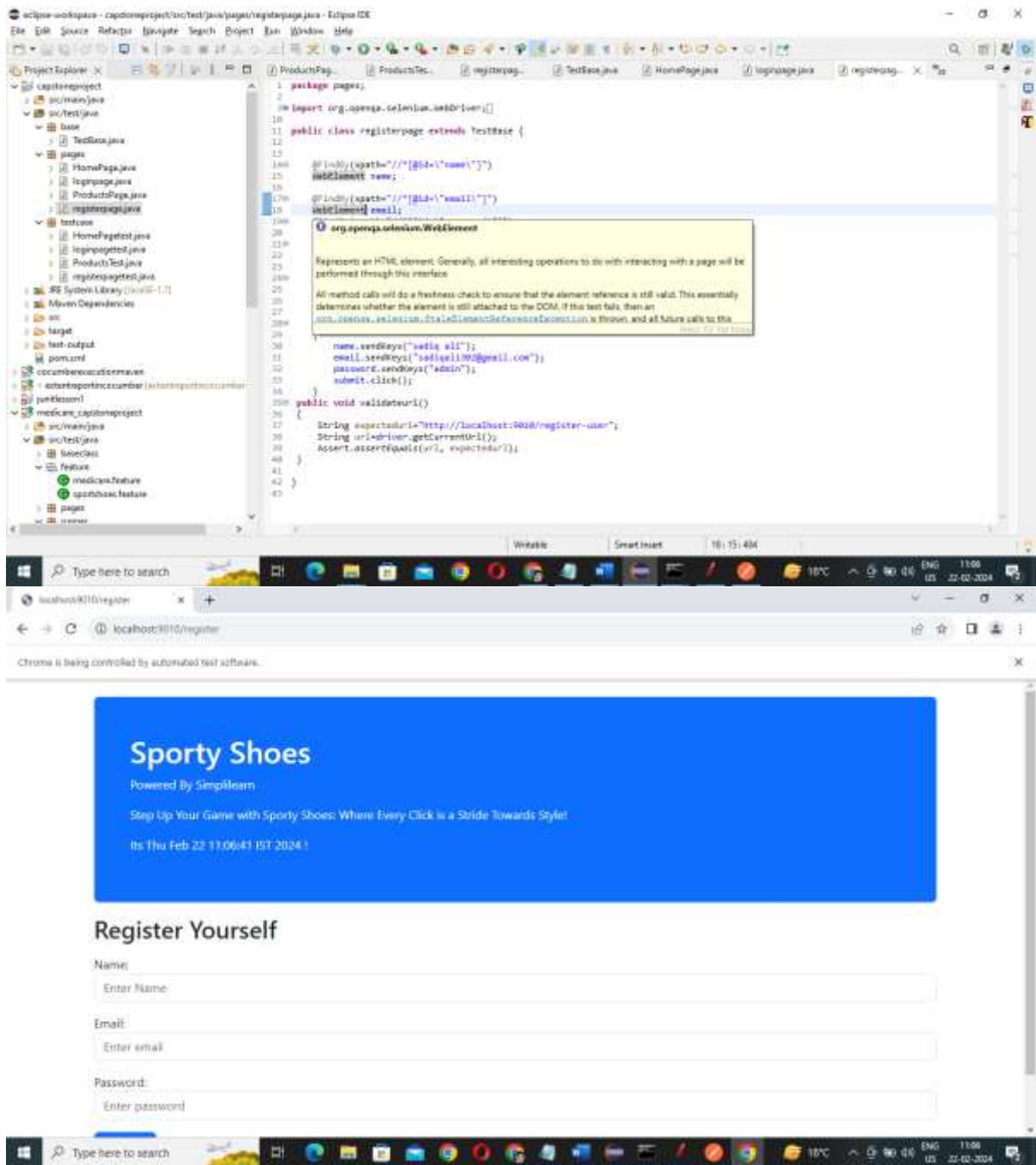
1. Browser-based end-user testing using Selenium WebDriver with TestNG framework.
2. Load testing using JMeter.
3. API testing with Cucumber
4. API testing with Postman and Rest Assured The end-deliverables will be executable scripts and modules that can be run on demand for testing the Medicare website

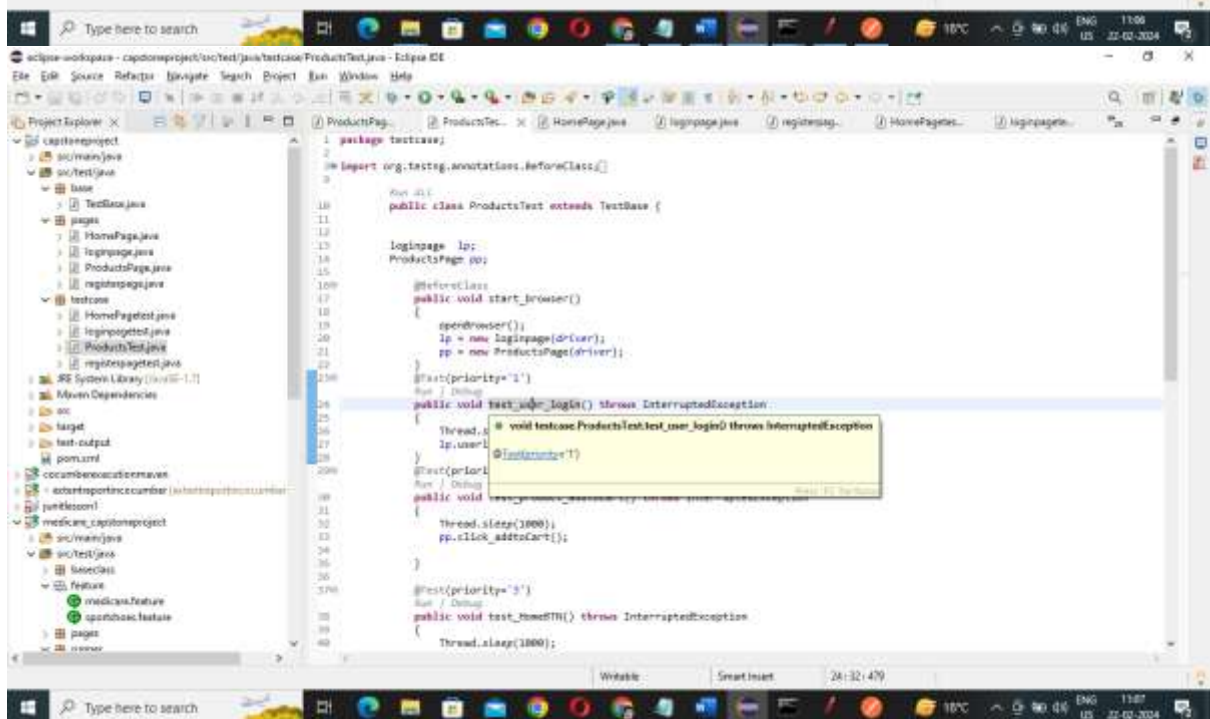
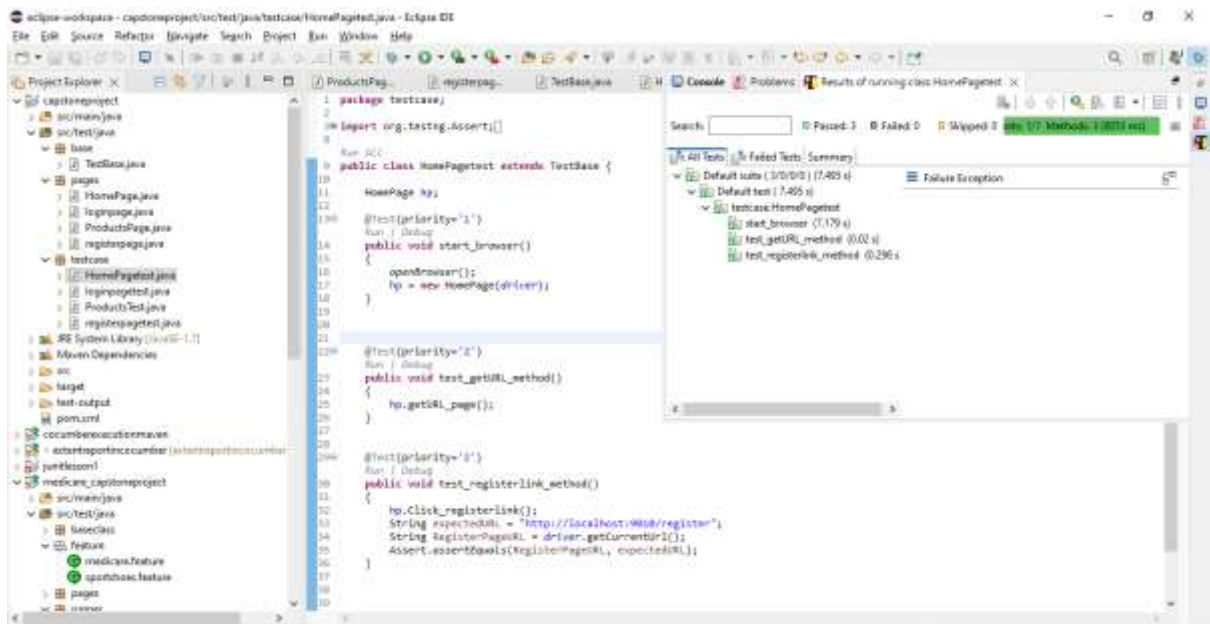
Screenshot

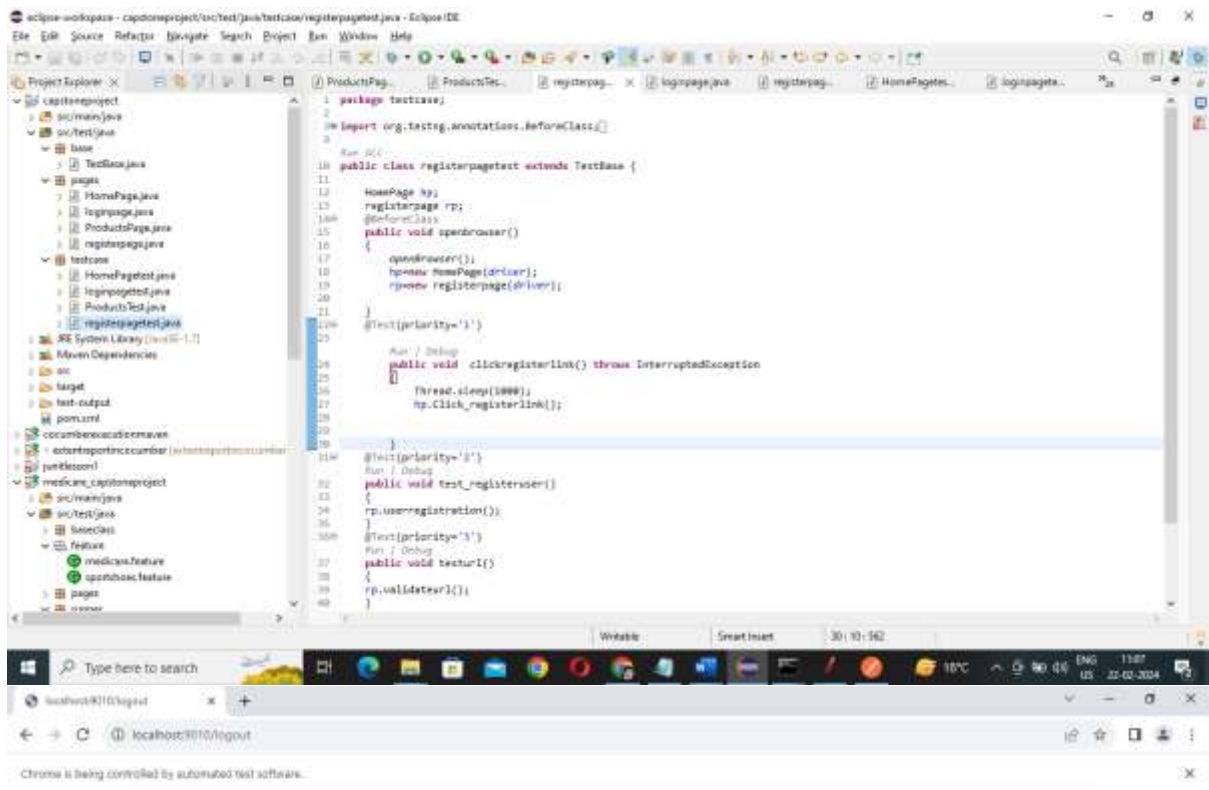
Browser-based end-user testing using Selenium WebDriver with TestNG framework

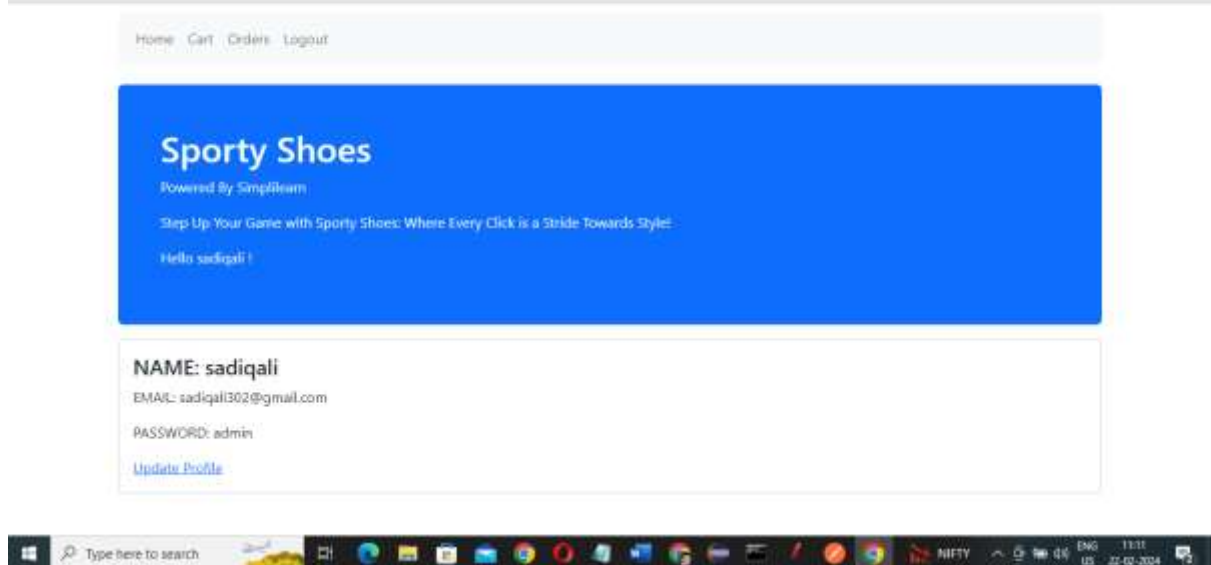
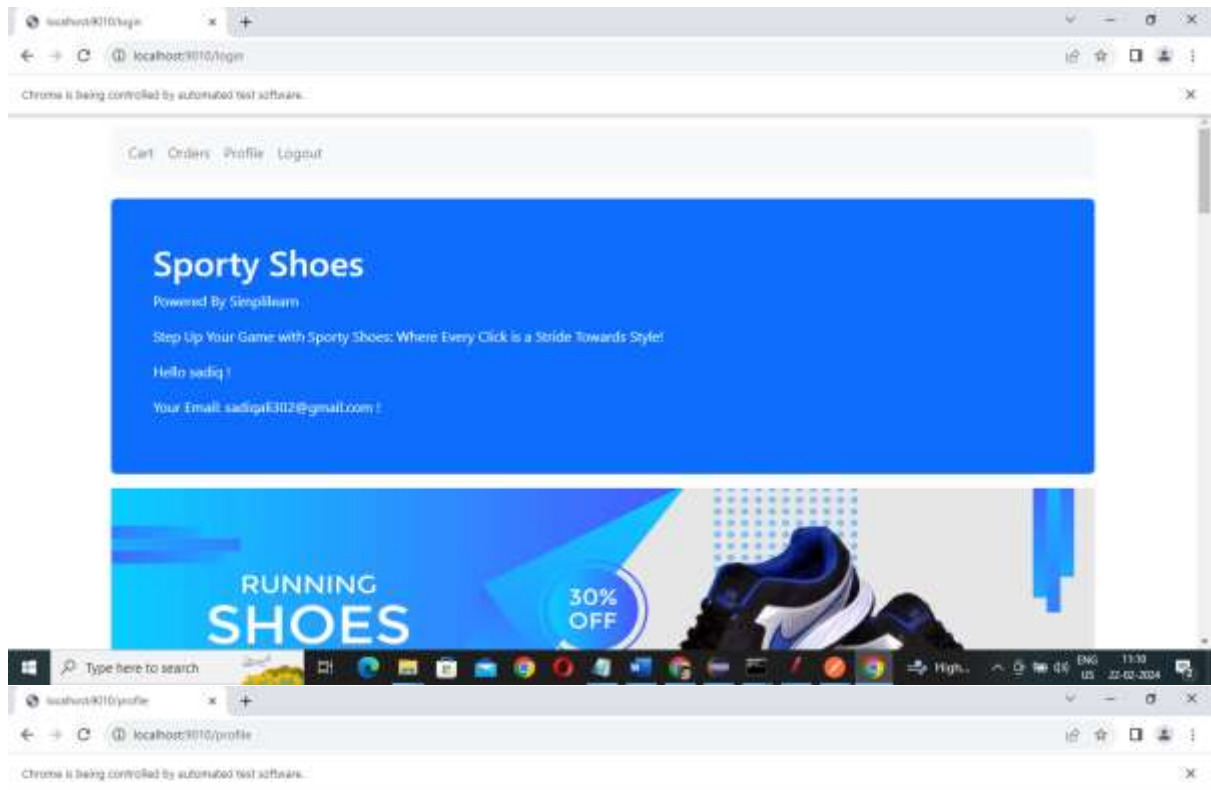


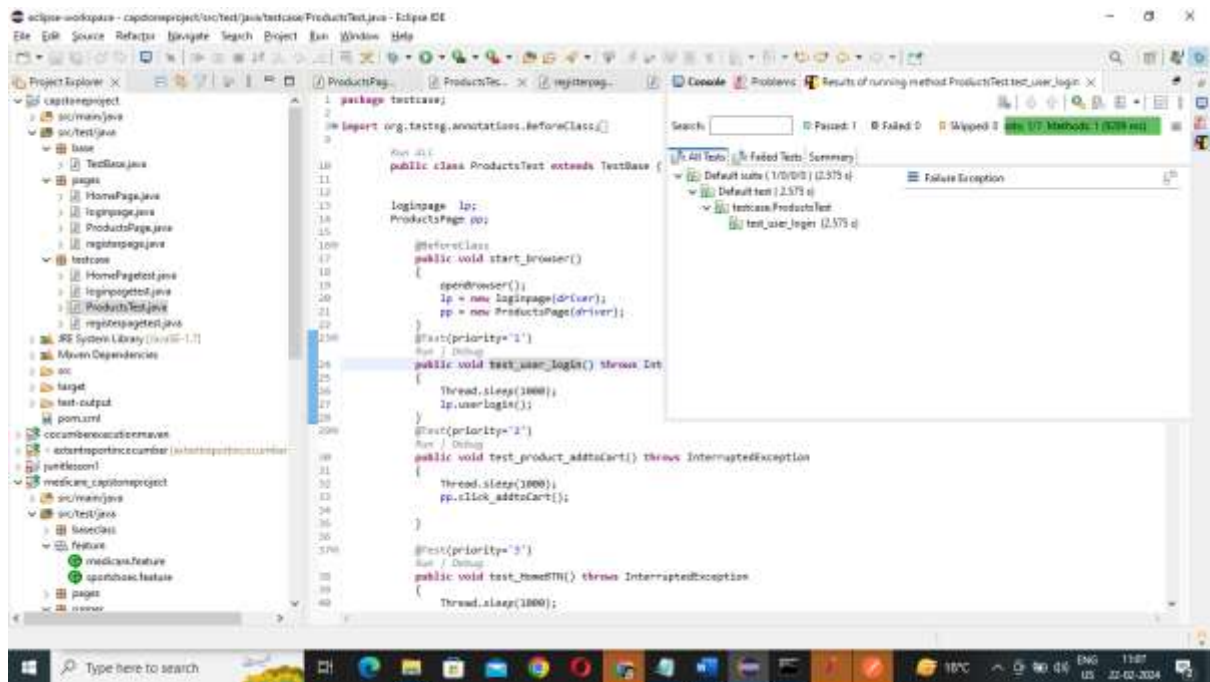












Post man Screenshots

phases3

GET /api/getshoes

GET http://localhost:3030/api/getshoes

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

Query Params

Key	Value	Description
Page	Value	Description

Body: Cookies (0): Headers (0): Test Results: Status: 200 OK Time: 10 ms Size: 163 B Save as example

Pretty Raw Preview Visuals JSON

```
1 {
2   "code": 201,
3   "message": "12 Shoes Patched Successfully.",
4   "shoes": [
5     {
6       "id": 201,
7       "image": "2.png",
8       "name": "Elegant Leather Loafers",
9       "category": "Formal",
10      "price": 120
11    }
12  ]
13 }
```

phases3

GET /api/getusers

GET http://localhost:3030/api/getusers

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

Query Params

Key	Value	Description
Page	Value	Description

Body: Cookies: Headers (0): Test Results: Status: 200 OK Time: 16 ms Size: 442 B Save as example

Pretty Raw Preview Visuals JSON

```
1 {
2   "users": [
3     {
4       "email": "John@example.com",
5       "password": "John123"
6     },
7     {
8       "email": "Elena@example.com",
9       "password": "Elena123"
10    }
11  ]
12 }
```

phases3

Collection: capstoneproject

- GET /getshoes
- GET /getshoes
- POST /addtheproduct
- DELETE /delete
- PUT /updateshoes
- Session2
- apiweather
- GET /haveRequest
- GET /testurl

POST http://localhost:8080/add-product?id=101&size=9&image_url=sampleShoe&category=Running&price=1000

Params

Key	Value	Description
image	image_url	
name	SampleShoe	
category	Running	
size	9	
price	1000	

Body

```
1 {
2   "id": 101,
3   "image": "image_url",
4   "name": "SampleShoe",
5   "category": "Running",
6   "size": "9",
7   "price": 1000
8 }
```

Status: 200 OK Time: 9 ms Size: 213 B

phases3

Collection: capstoneproject

- GET /getshoes
- GET /getshoes
- POST /addtheproduct
- DELETE /delete
- PUT /updateshoes
- Session2
- apiweather
- GET /haveRequest
- GET /testurl

DELETE http://localhost:8080/delete-shoe?id=101

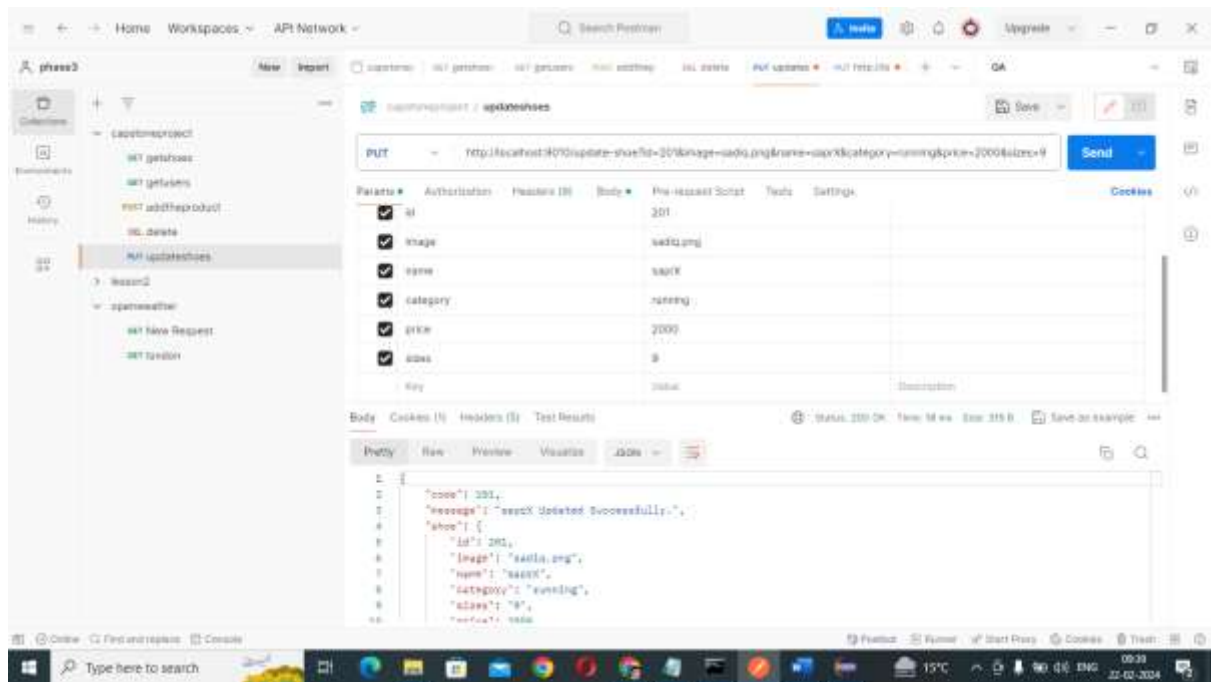
Query Params

Key	Value	Description
id	101	

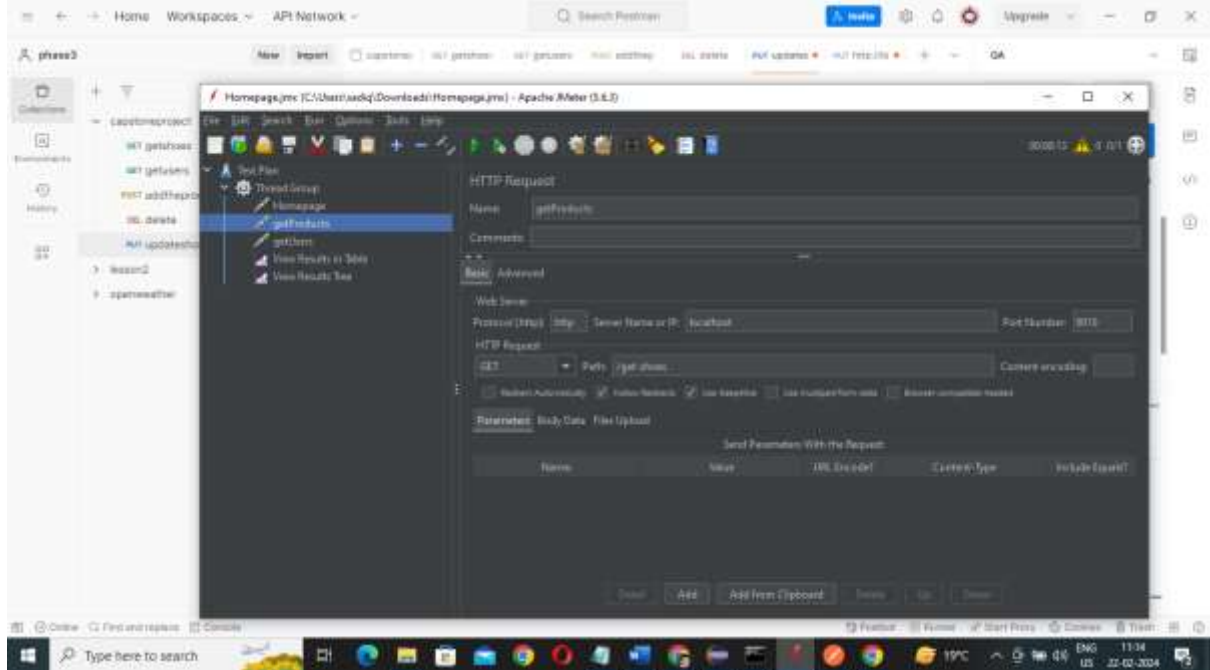
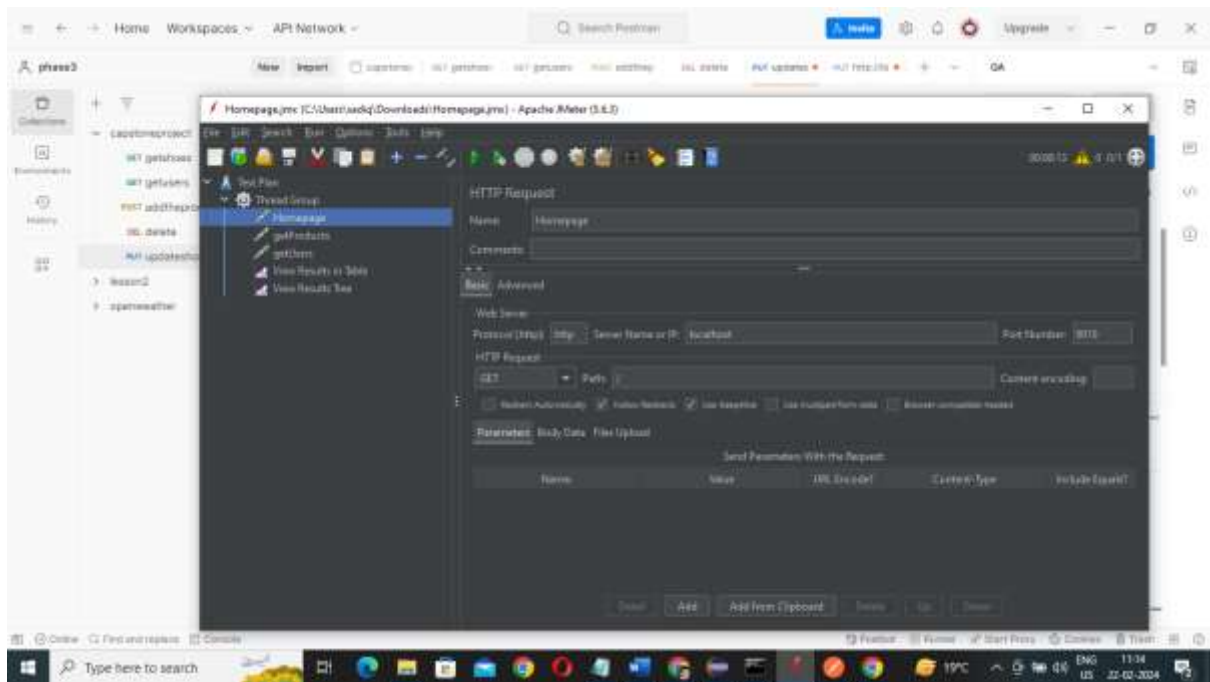
Body

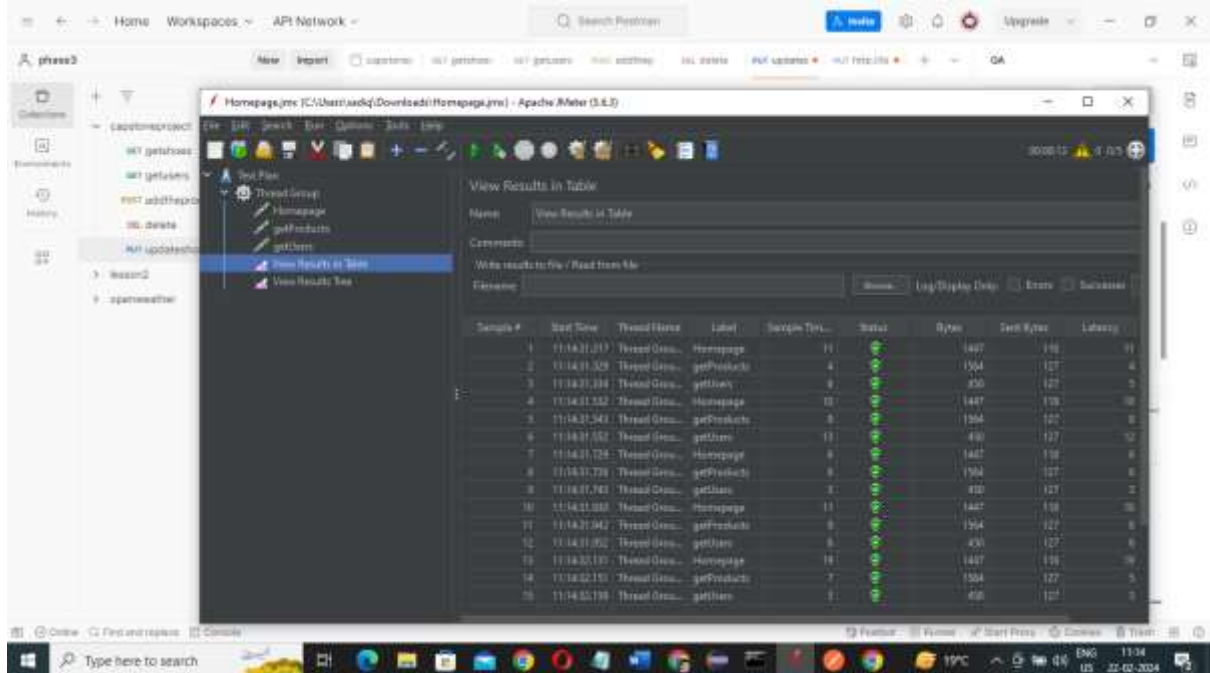
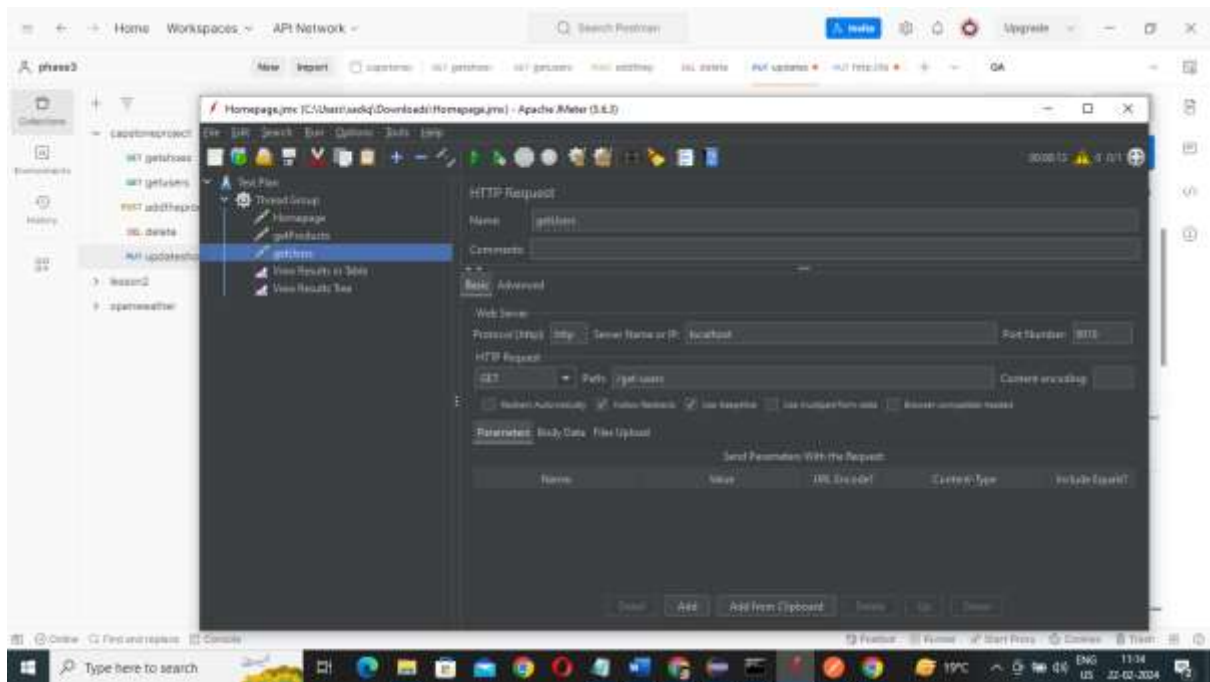
```
1 {
2   "code": 201,
3   "message": "Shoe with ID 101 Deleted Successfully."
4 }
```

Status: 200 OK Time: 43 ms Size: 127 B



Jmeter





Home Workspaces API Network Search Postman

phases3

Test Plan

- Thread Group
 - Homepage
 - getProducts
 - getUsers
 - getProducts
 - getUsers
 - Homepage
 - getProducts
 - getUsers
 - Homepage
 - getProducts
 - getUsers
 - Homepage
- View Results in Table
- View Results Tree

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename: Run Log/Display Only Errors Successes Close

Search: Use window Repeat on Search View

Test: Sample result Request Response data

Thread Name: Thread Group 5.1
Sample Start: 2024-02-22 11:14:31 IST
Load time: 4
Connect Time: 0
Latency: 0
Size in bytes: 1064
Sent bytes: 127
Body size in bytes: 1452
Sample Count: 1
Size Count: 1
Data type: "text/plain" text
Response code: 200
Response message:

Home Workspaces API Network Search Postman

phases3

Test Plan

- Thread Group
 - Homepage
 - getProducts
 - getUsers
 - getProducts
 - getUsers
 - Homepage
 - getProducts
 - getUsers
 - Homepage
 - getProducts
 - getUsers
 - Homepage
- View Results in Table
- View Results Tree

View Results Tree

Name: View Results Tree

Comments:

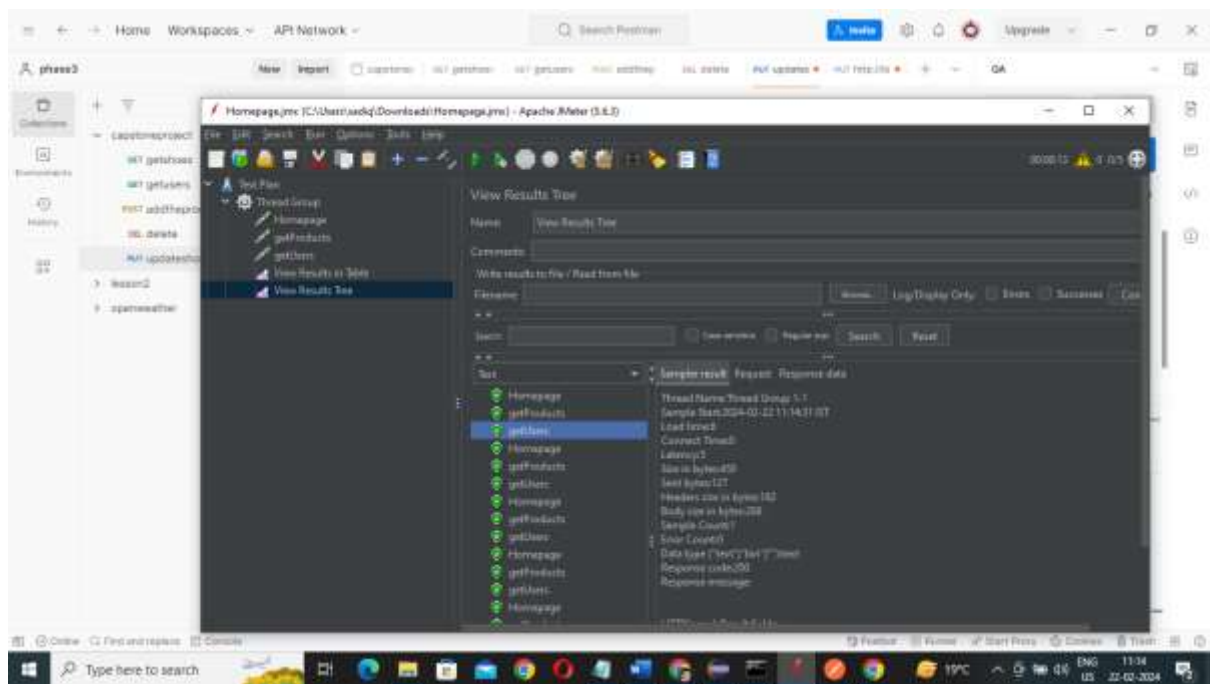
Write results to file / Read from file

Filename: Run Log/Display Only Errors Successes Close

Search: Use window Repeat on Search View

Test: Sample result Request Response data

Thread Name: Thread Group 5.1
Sample Start: 2024-02-22 11:14:31 IST
Load time: 11
Connect Time: 1
Latency: 11
Size in bytes: 1067
Sent bytes: 138
Body size in bytes: 1394
Sample Count: 1
Size Count: 1
Data type: "text/plain" text
Response code: 200
Response message:



Api testing with cucumber

