

Screenshots

TestAssured

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE
- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help
- Toolbars:** Standard toolbar with icons for file operations, search, and run.
- Left Sidebar:** Package Explorer showing project structure. It includes Medicare_Cucumber [eclipse-workspace master], Medicare_TestAssured [eclipse-workspace master], src/main/java, and src/test/java. Under src/test/java, there is a package medicare.testassured containing a class APIEndpoints with methods add_Product(), deleteProduct(), get_all_products(), get_all_users(), update_ProductName(), and update_ProductStatus().
- Central Area:** Editor window displaying the code for APIEndpoints.java:

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
4
5 Run ALL
6 public class APIEndpoints {
7
8     @Test(priority=1)
9         Run / Debug
10     public void get_all_products() {
11
12         RestAssured.given()
13             .baseUri("http://localhost:9010")
14             .basePath("/get-products")
15             .when().get()
16             .then().statusCode(200)
17             .log().all();
18
19     }
20     @Test(priority=2)
21         Run / Debug
22     public void get_all_users() {
23
24         RestAssured.given()
25             .baseUri("http://localhost:9010")
26             .basePath("/get-users")
27             .when().get()
28             .then().statusCode(200)
29             .log().all();
30
31
32 }
```
- Right Sidebar:** Task List and Outline windows showing the same method list as the editor.
- Bottom:** Status bar showing Problems, Javadoc, Declaration, Console, Progress, and Results of running suite. It also indicates "No consoles to display at this time."

This screenshot is identical to the one above, showing the Eclipse IDE interface with the same project structure, code in APIEndpoints.java, and toolbars. The code is identical to the previous screenshot, demonstrating consistency in the test automation setup.

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X APIEndpoints.java X Task List X

src/main/java medicare.testassured APIEndpoints

src/test/java medicare.testassured APIEndpoints

JRE System Library [JavaSE-1.7]

Maven Dependencies

src target test-output pom.xml

Medicare_TestNG [eclipse-workspace master]

```
1 @Test(priority=4)
2 public void update_ProductName() {
3     HashMap<String, String> map = new HashMap<String, String>();
4     map.put("id", "999");
5     map.put("image", "2.png");
6     map.put("name", "Disprin+");
7     map.put("category", "medicine");
8     map.put("brand", "B2 Medico");
9     map.put("status", "0");
10    map.put("price", "120");
11
12    RestAssured.given()
13        .baseUri("http://localhost:9010")
14        .basePath("/update-product")
15        .contentType("application/json")
16        .body(map)
17        .when().put()
18        .then().statusCode(200).log().all();
19
20 }
21
22 @Test(priority=5)
23 Run / Debug
24 public void update_ProductStatus() {
25 }
```

Problems Javadoc Declaration Console X Progress Results of running suite

No consoles to display at this time.

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X APIEndpoints.java X Task List X

src/main/java medicare.testassured APIEndpoints

src/test/java medicare.testassured APIEndpoints

JRE System Library [JavaSE-1.7]

Maven Dependencies

src target test-output pom.xml

Medicare_TestNG [eclipse-workspace master]

```
89
90
91    HashMap<String, String> map = new HashMap<String, String>();
92
93    map.put("id", "999");
94    map.put("image", "2.png");
95    map.put("name", "Disprin+");
96    map.put("category", "medicine");
97    map.put("brand", "B2 Medico");
98    map.put("status", "0");
99    map.put("price", "120");
100
101   RestAssured.given()
102       .baseUri("http://localhost:9010")
103       .basePath("/update-product-status")
104       .contentType("application/json")
105       .body(map)
106       .when().put()
107       .then().statusCode(200).log().all();
108
109
110 }
111
112 @Test(priority=6)
113 Run / Debug
114 public void deleteProduct() {
115
116    RestAssured.given()
117        .baseUri("http://localhost:9010")
118        .basePath("/delete-product")
```

Problems Javadoc Declaration Console X Progress Results of running suite

No consoles to display at this time.



Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer APIEndpoints.java Task List
src/main/java medicare.testassured medicare.testassured
src/test/java APIEndpoints.java Outline
  APIEndpoints
    add_Product(): void
    deleteProduct(): void
    get_all_products(): void
    get_all_users(): void
    update_ProductName(): void
    update_ProductStatus(): void
  RestAssured.given()
    .baseUri("http://localhost:9010")
    .basePath("/update-product-status")
    .contentType("application/json")
    .body(map)
    .when().put()
    .then().statusCode(200).log().all();
  @Test(priority=6)
  public void deleteProduct() {
    RestAssured.given()
      .baseUri("http://localhost:9010")
      .basePath("/delete-product")
      .queryParam("id", "101")
      .when().delete()
      .then().statusCode(200)
      .log().all();
  }
}
Problems Javadoc Declaration Console Progress Results of running suite
No consoles to display at this time.
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer APIEndpoints.java Task List
src/main/java medicare.testassured medicare.testassured
src/test/java APIEndpoints.java Outline
  APIEndpoints
    add_Product(): void
    deleteProduct(): void
    get_all_products(): void
    get_all_users(): void
    update_ProductName(): void
    update_ProductStatus(): void
  RestAssured.given()
    .baseUri("http://localhost:9010")
    .basePath("/update-product-status")
    .contentType("application/json")
    .body(map)
    .when().put()
    .then().statusCode(200).log().all();
  @Test(priority=6)
  public void deleteProduct() {
    RestAssured.given()
      .baseUri("http://localhost:9010")
      .basePath("/delete-product")
      .queryParam("id", "101")
      .when().delete()
      .then().statusCode(200)
      .log().all();
  }
}
Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
[terminated] APIEndpoints [TestNG] <Program Files>\Java\jdk-17\bin\javaw.exe [Dec 23, 2023, 12:24:06 AM - 12:24:15 AM] [pid: 31068]
[RemoteTestNG] detected TestNG version 7.7.1
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:13 GMT
Keep-Alive: timeout=60
Connection: keep-alive
{
  "code": 101,
  "message": "12 Products Fetched Successfully.",
  "products": [
    {
      "id": 102,
      "image": "2.png",
      "name": "Hamdard Safi Natural Blood Purifier Syrup",
      "category": "Medicine",
      "brand": "Generic",
      "status": 1,
      "price": 70
    },
    {
      "id": 103,
      "image": "3.png",
      "name": "Organic India Arjuna Cardiac Wellbeing Veg Capsule",
      "category": "Medicine",
      "brand": "Pharma Inc.",
      "status": 1,
      "price": 70
    }
  ]
}
Writable Smart Insert 1:1:0
19°C Haze 12:24 AM 12/23/2023
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X APIEndpoints.java X Task List X

src/main/java src/test/java medicare.testassured APIEndpoints.java

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
```

Problems @ Javadoc Declaration Console X Progress Results of running class APIEndpoints

```
<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]
```

```
    "name": "Organic India Arjuna Cardiac Wellbeing Veg Capsule",
    "category": "Medicine",
    "brand": "Pharma Inc.",
    "status": 1,
    "price": 100
},
{
    "id": 104,
    "image": "4.png",
    "name": "Limee Chewable Tablet Orange",
    "category": "Medicine",
    "brand": "Relief Pharmaceuticals",
    "status": 1,
    "price": 60
},
{
    "id": 105,
    "image": "5.png",
    "name": "Dr Willmar Schwabe Germany",
    "category": "Medicine",
    "brand": "Nature's Best",
    "status": 1,
    "price": 80
},
{
    "id": 106,
    "image": "6.png",
    "name": "New Saridon for Fast Headache Relief Tablet",
    "category": "Medicine",
    "brand": "Medirelief",
    "status": 1,
    "price": 120
},
{
    "id": 107,
    "image": "7.png",
    "name": "Immunity & Wellness Supplement Tablet",
    "category": "Medicine",
    "brand": "AllerGuard",
    "status": 1,
    "price": 90
},
{
    "id": 108,
    "image": "8.png",
    "name": "SBL Bio-Combination 6 Tablet",
    "category": "Medicine",
    "brand": "ClearView",
    "status": 1,
    "price": 40
},
{
    "id": 109,
    "image": "9.png",
    "name": "Dr. Reckeweg Calcarea Phosphorica",
    "category": "Medicine",
    "brand": "SafeLife",
    "status": 1,
    "price": 220
},
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X APIEndpoints.java X Task List X

src/main/java src/test/java medicare.testassured APIEndpoints.java

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
```

Problems @ Javadoc Declaration Console X Progress Results of running class APIEndpoints

```
<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]
```

```
    "status": 1,
    "price": 120
},
{
    "id": 107,
    "image": "7.png",
    "name": "Immunity & Wellness Supplement Tablet",
    "category": "Medicine",
    "brand": "AllerGuard",
    "status": 1,
    "price": 90
},
{
    "id": 108,
    "image": "8.png",
    "name": "SBL Bio-Combination 6 Tablet",
    "category": "Medicine",
    "brand": "ClearView",
    "status": 1,
    "price": 40
},
{
    "id": 109,
    "image": "9.png",
    "name": "Dr. Reckeweg Calcarea Phosphorica",
    "category": "Medicine",
    "brand": "SafeLife",
    "status": 1,
    "price": 220
},
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X APIEndpoints.java X Problems X Javadoc Declaration Console X Progress Results of running class APIEndpoints

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
```

<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]

```
    "status": 1,
    "price": 220
},
{
    "id": 110,
    "image": "10.png",
    "name": "Himalaya Wellness Pure Herbs Arjuna Cardiac",
    "category": "Medicine",
    "brand": "Relief Pharmaceuticals",
    "status": 1,
    "price": 170
},
{
    "id": 111,
    "image": "11.png",
    "name": "SBL Five Phos Tablet 6X",
    "category": "Medicine",
    "brand": "Pharma Inc.",
    "status": 1,
    "price": 515
},
{
    "id": 112,
    "image": "12.png",
    "name": "SBL Nux Vomica Dilution 30 CH",
    "category": "Medicine",
    "brand": "Relief Pharmaceuticals",
    "status": 1,
    "price": 88
},
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X APIEndpoints.java X Problems X Javadoc Declaration Console X Progress Results of running class APIEndpoints

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
```

<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]

```
    "status": 1,
    "price": 88
},
{
    "id": 999,
    "image": "2.png",
    "name": "Dispire",
    "category": "medicine",
    "brand": "BZ Medico",
    "status": 1,
    "price": 120
}
]
}
```

HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:13 GMT
Keep-Alive: timeout=60
Connection: keep-alive

```
{
    "code": 101,
    "message": "4 Users Fetched Successfully.",
    "users": [
        {
            "name": "Admin",
            "email": "admin@example.com",
            "password": "admin123",
            "type": 1
        }
    ]
}
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X APIEndpoints.java X Problems X Javadoc X Declaration X Console X Progress X Results of running class APIEndpoints

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
```

<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]

```
    "email": "admin@example.com",
    "password": "admin123",
    "type": 1,
},
{
    "name": "John Watson",
    "email": "john@example.com",
    "password": "john123",
    "type": 0
},
{
    "name": "Fionna Flynn",
    "email": "fionna@example.com",
    "password": "fionna123",
    "type": 0
},
{
    "name": "Sia Sen",
    "email": "sia@example.com",
    "password": "sia123",
    "type": 0
}
]
HTTP/1.1 200
Set-Cookie: JSESSIONID=9C67140F3154153A86E0FBBA82761313; Path=/; HttpOnly
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:14 GMT
Keep-Alive: timeout=60
Connection: keep-alive
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X APIEndpoints.java X Problems X Javadoc X Declaration X Console X Progress X Results of running class APIEndpoints

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
```

<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]

```
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:14 GMT
Keep-Alive: timeout=60
Connection: keep-alive
```

```
{
    "code": 101,
    "message": "Disprin Added Successfully.",
    "products": [
        {
            "id": 999,
            "image": ".png",
            "name": "Disprin",
            "category": "medicine",
            "brand": "BZ Medico",
            "status": 1,
            "price": 100
        }
    ]
}
HTTP/1.1 200
Set-Cookie: JSESSIONID=36A72B764A2DE839CA8E748ED0FCCD60; Path=/; HttpOnly
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:14 GMT
Keep-Alive: timeout=60
Connection: keep-alive
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Project Run Window Help
Package Explorer X APIEndpoints.java X Task List X
src/main/java medicare.testassured [eclipse-workspace master] src/main/java medicare.testassured [eclipse-workspace master]
src/test/java medicare.testassured APIEndpoints.java Outline X
src/test/java APIEndpoints.java
  ● add_Product(): void
  ● deleteProduct(): void
  ● get_all_products(): void
  ● get_all_users(): void
  ● update_ProductName(): void
  ● update_ProductStatus(): void
JRE System Library [JavaSE-1.7]
Maven Dependencies
src target
test-output pom.xml
Medicare_TestNG [eclipse-workspace master]
Problems @ Javadoc Declaration Console X Progress Results of running class APIEndpoints
<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]
{
    "code": 101,
    "message": "DispIn+ Updated Successfully.",
    "product": {
        "id": 999,
        "image": "2.png",
        "name": "DispIn",
        "category": "medicine",
        "brand": "BZ Medico",
        "status": 1,
        "price": 120
    }
}
HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:14 GMT
Keep-Alive: timeout=60
Connection: keep-alive

{
    "code": 101,
    "message": "DispIn+ Status Updated Successfully.",
    "product": {
        "id": 999,
        "image": "2.png",
        "name": "DispIn",
        "category": "medicine",
        "brand": "BZ Medico",
        "status": 0,
        "price": 120
    }
}
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

```
File Edit Source Refactor Navigate Project Run Window Help
Package Explorer X APIEndpoints.java X Task List X
src/main/java medicare.testassured [eclipse-workspace master] src/main/java medicare.testassured [eclipse-workspace master]
src/test/java medicare.testassured APIEndpoints.java Outline X
src/test/java APIEndpoints.java
  ● add_Product(): void
  ● deleteProduct(): void
  ● get_all_products(): void
  ● get_all_users(): void
  ● update_ProductName(): void
  ● update_ProductStatus(): void
JRE System Library [JavaSE-1.7]
Maven Dependencies
src target
test-output pom.xml
Medicare_TestNG [eclipse-workspace master]
Problems @ Javadoc Declaration Console X Progress Results of running class APIEndpoints
<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:24:06 AM - 12:24:15 AM) [pid: 31068]
{
    "brand": "BZ Medico",
    "status": 0,
    "price": 120
}
}
HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:14 GMT
Keep-Alive: timeout=60
Connection: keep-alive

{
    "code": 101,
    "message": "Product with ID 101 Deleted Successfully."
}
=====
Default test
Tests run: 6, Failures: 0, Skips: 0
=====
```

Capstone Project - Medicare_TestAssured/src/test/java/medicare/testassured/APIEndpoints.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X APIEndpoints.java X Problems X Javadoc X Declaration X Console X Progress X Results of running class APIEndpoints

src/main/java medicare.testassured APIEndpoints

src/test/java medicare.testassured APIEndpoints

JRE System Library [JavaSE-1.7]

Maven Dependencies

src target test-output pom.xml Medicare_TestAssured [eclipse-workspace master]

```
1 package medicare.testassured;
2
3 import java.util.HashMap;
```

Results of running class APIEndpoints

```
<terminated> APIEndpoints [TestNG] C:\Program Files\Java\jdk-17\bin\javaw.exe [Dec 23, 2023, 12:24:06 AM - 12:24:15 AM] [pid: 31068]
```

```
HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 18:54:14 GMT
Keep-Alive: timeout=60
Connection: keep-alive

{
    "code": 101,
    "message": "Product with ID 101 Deleted Successfully."
}
PASSED: medicare.testassured.APIEndpoints.update_ProductStatus
PASSED: medicare.testassured.APIEndpoints.deleteProduct
PASSED: medicare.testassured.APIEndpoints.get_all_users
PASSED: medicare.testassured.APIEndpoints.update_ProductName
PASSED: medicare.testassured.APIEndpoints.get_all_products
PASSED: medicare.testassured.APIEndpoints.add_Product

Default test
    Tests run: 6, Failures: 0, Skips: 0
=====
Default suite
total tests run: 6, Passes: 6, Failures: 0, Skips: 0
```

Type here to search 19°C Haze 12:25 AM 12/23/2023

TestNG

Capstone Project - Medicare_TestAssured [eclipse-workspace master] - Eclipse IDE

```
1 package medicare.base;
2
3 import java.awt.Desktop;
4
5 public class Base {
6
7     public static WebDriver driver;
8     public static ExtentReports extentreports;
9     public static ExtentTest extenttest;
10
11    public static void openBrowser(String browser) {
12
13        driver = new ChromeDriver();
14
15        driver.manage().window().maximize();
16        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
17        driver.get("http://localhost:9010/");
18    }
19
20    @BeforeTest
21    public void getNameMethod(ITestContext context) {
22
23        extentTest = extentreports.createTest(context.getName());
24    }
25
26    @BeforeSuite // this method will be executed before suite begins its execution
27    public void InitializeExtentReport() {
28
29        ExtentSparkReporter sparkreporter = new ExtentSparkReporter("register_user_report.html");
30        extentreports = new ExtentReports();
31        extentreports.attachReporter(sparkreporter);
32        // on the report display more information about OS, browser, java etc
33        extentreports.setSystemInfo("OS", System.getProperty("os.name"));
34        extentreports.setSystemInfo("JAVA", System.getProperty("java.version"));
35    }
36
37    @AfterSuite
38    public void generateReports() throws IOException {
39
40        extentreports.flush();
41        Desktop.getDesktop().browse(new File("register_user_report.html").toURI());
42        driver.close();
43    }
44
45    @AfterMethod
46    public void testStatus(ITestResult result) {
47
48        if (result.getStatus() == ITestResult.FAILURE) {
49            extentTest.fail(result.getThrowable());
50        } else if (result.getStatus() == ITestResult.SUCCESS) {
51            extentTest.pass(result.getName() + " is passed");
52        }
53    }
54}
```

Find All Activate... (7)

Outline X medicare.base Base

Problems Javadoc Declaration Console Progress Results of running class APIEndpoints No consoles to display at this time.

Writable SmartInsert 1:1:0

19°C Haze 12:30 AM 12/23/2023

Capstone Project - Medicare_TestNG [eclipse-workspace master] - Eclipse IDE

```
1 package medicare.base;
2
3 import java.awt.Desktop;
4
5 public class Base {
6
7     public static WebDriver driver;
8     public static ExtentReports extentreports;
9     public static ExtentTest extenttest;
10
11    public static void openBrowser(String browser) {
12
13        driver = new ChromeDriver();
14
15        driver.manage().window().maximize();
16        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
17        driver.get("http://localhost:9010/");
18    }
19
20    @BeforeTest
21    public void getNameMethod(ITestContext context) {
22
23        extentTest = extentreports.createTest(context.getName());
24    }
25
26    @BeforeSuite // this method will be executed before suite begins its execution
27    public void InitializeExtentReport() {
28
29        ExtentSparkReporter sparkreporter = new ExtentSparkReporter("register_user_report.html");
30        extentreports = new ExtentReports();
31        extentreports.attachReporter(sparkreporter);
32        // on the report display more information about OS, browser, java etc
33        extentreports.setSystemInfo("OS", System.getProperty("os.name"));
34        extentreports.setSystemInfo("JAVA", System.getProperty("java.version"));
35    }
36
37    @AfterSuite
38    public void generateReports() throws IOException {
39
40        extentreports.flush();
41        Desktop.getDesktop().browse(new File("register_user_report.html").toURI());
42        driver.close();
43    }
44
45    @AfterMethod
46    public void testStatus(ITestResult result) {
47
48        if (result.getStatus() == ITestResult.FAILURE) {
49            extentTest.fail(result.getThrowable());
50        } else if (result.getStatus() == ITestResult.SUCCESS) {
51            extentTest.pass(result.getName() + " is passed");
52        }
53    }
54}
```

Find All Activate... (7)

Outline X medicare.base Base

Problems Javadoc Declaration Console Progress Results of running class APIEndpoints No consoles to display at this time.

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19°C Haze 12:30 AM 12/23/2023

Capstone Project - Medicare_TestNG/src/test/java/medicare/pages/LoginPage.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X

src/main/java
src/main/resources
src/test/java
src/test/resources
medicare.base
medicare.pages
LoginPage.java
PlaceOrderPage.java
RegisterPage.java
SearchPage.java
medicare.pages
AddProductToCartPage.java
LoginPage.java
PlaceOrderPage.java
RegisterPage.java
SearchPage.java
medicare.pages
AddProductToCartTest.java
ItestListenerClass.java
LoginPageTest.java
PlaceOrderPageTest.java
RegisterPageTest.java
SearchPageTest.java
TestNgKmls
TestNGRunner.xml
Utilities
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test1
bullet-point.htm

LoginPage.java

```
1 package medicare.pages;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.WebElement;
5 import org.openqa.selenium.support.FindBy;
6 import org.openqa.selenium.support.PageFactory;
7
8 public class LoginPage {
9
10     WebDriver driver;
11
12     // Create PageFactory
13
14     @FindBy(id = "email")
15     WebElement email;
16
17     @FindBy(id = "password")
18     WebElement password;
19
20     @FindBy(xpath = "//button[@class='btn btn-success']")
21     WebElement login;
22
23     @FindBy(linkText = "Logout")
24     WebElement logout;
25
26
27
28
29
30     public LoginPage(WebDriver driver) {
31
32         PageFactory.initElements(driver, this);
33     }
34 }
```

Task List X

Find All Activate...

Outline X

medicare.pages
LoginPage
email : WebElement
password : WebElement
login : WebElement
logout : WebElement
LoginPage(WebDriver)
LoginPage():void
Logout():void

Problems Declaration Console X Progress Results of running class APIEndpoints

No consoles to display at this time.

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19°C Haze 12:30 AM 12/23/2023

Capstone Project - Medicare_TestNG/src/test/java/medicare/pages/RegisterPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X RegisterPage.java X Task List X
src/main/java medicare.pages
src/main/resources
src/test/java medicare.base
src/test/java medicare.pages
src/test/java medicare.testpages
src/test/java TestNGKmls
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test1
Outline X
RegisterPage
Registration: WebElement
name: WebElement
email: WebElement
password: WebElement
Registrationbutton: WebElement
RegisterPage(WebDriver)
new_user_Register_here(): void
RegisterUser(String name, String email, String password): void
Find All Activate...
Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.
Writable SmartInset 1:1:0 12:31 AM 12/23/2023
```

Capstone Project - Medicare_TestNG/src/test/java/medicare/pages/AddProductToCartPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X RegisterPage.java X AddProductToCartPage.java X Task List X
src/main/java medicare.pages
src/main/resources
src/test/java medicare.base
src/test/java medicare.pages
src/test/java medicare.testpages
src/test/java TestNGKmls
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test1
Outline X
AddProductToCartPage
ViewProducts: WebElement
AddToCartBtn: WebElement
CartBtn: WebElement
AddPmcnrtToCartPage(WebDriver)
ViewProducts(): void
AddToCart(): void
Cart(): void
Find All Activate...
Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.
Writable SmartInset 1:1:0 12:31 AM 12/23/2023
```

Capstone Project - Medicare_TestNG/src/test/java/medicare/pages/AddProductToCartPage.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X RegisterPage.java AddProductToCartPage.java Task List X
src/main/java
src/main/resources
src/test/java
medicare.base
Base.java
medicare.pages
AddProductToCartPage.java
LoginPage.java
PlaceOrderPage.java
RegisterPage.java
SearchPage.java
medicare.testpages
AddProductToCartTest.java
ITestListenerClass.java
LoginPageTest.java
PlaceOrderPageTest.java
RegisterPageTest.java
SearchPageTest.java
TestNG.xmls
TestNGRunner.xml
Utilities
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test
JUnit Result viewer

```

```

34
35     //WebElement AddtoCart;
36
37@FindBy(xpath = "//a[@class='nav-link text-success']")
38 WebElement Cartbtn;
39
40 public AddProductToCartPage(WebDriver driver) {
41
42     PageFactory.initElements(driver, this);
43 }
44
45 // Actions
46
47 @Public void SearchProduct(String productname1) {
48
49     search.clear();
50     search.sendKeys(productname1);
51 }
52
53 public void ViewProducts() {
54
55     ViewProductbtn.click();
56 }
57
58 public void AddtoCart() {
59
60     AddtoCartbtn.click();
61 }
62
63
64 }
65

```

Find All Activate... ?

Outline X

```

+ medicare.pages
+ AddProductToCartPage
+ ViewProductbtn : WebElement
+ AddtoCartbtn : WebElement
+ Cartbtn : WebElement
+ AddProductToCartPage(WebDriver)
+ ViewProducts() : void
+ AddtoCart() : void
+ Cart() : void

```

Problems Declaration Console X Progress Results of running class APIEndpoints

No consoles to display at this time.

Writable SmartInset 1:1:0 12:31 AM 19°C Haze 12/23/2023

Capstone Project - Medicare_TestNG/src/test/java/medicare/pages/AddProductToCartPage.java - Eclipse IDE

```

File Edit Source Refactor Navigate Project Run Window Help
Package Explorer X RegisterPage.java AddProductToCartPage.java Task List X
src/main/java
src/main/resources
src/test/java
medicare.base
Base.java
medicare.pages
AddProductToCartPage.java
LoginPage.java
PlaceOrderPage.java
RegisterPage.java
SearchPage.java
medicare.testpages
AddProductToCartTest.java
ITestListenerClass.java
LoginPageTest.java
PlaceOrderPageTest.java
RegisterPageTest.java
SearchPageTest.java
TestNG.xmls
TestNGRunner.xml
Utilities
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test

```

```

42
43     PageFactory.initElements(driver, this);
44 }
45
46 // Actions
47
48 @Public void SearchProduct(String productname1) {
49
50     search.clear();
51     search.sendKeys(productname1);
52 }
53
54 public void ViewProducts() {
55
56     ViewProductbtn.click();
57 }
58
59 public void AddtoCart() {
60
61     AddtoCartbtn.click();
62 }
63
64 }
65

```

Find All Activate... ?

Outline X

```

+ medicare.pages
+ AddProductToCartPage
+ ViewProductbtn : WebElement
+ AddtoCartbtn : WebElement
+ Cartbtn : WebElement
+ AddProductToCartPage(WebDriver)
+ ViewProducts() : void
+ AddtoCart() : void
+ Cart() : void

```

Problems Declaration Console X Progress Results of running class APIEndpoints

No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/medicare/pages/PlaceOrderPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X
src/main/java
src/main/resources
src/test/java
src/test/java/medicare/base
src/test/java/medicare/pages
src/test/java/medicare/testpages
src/test/java/TestNGKmls
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test
JUnit
Type here to search 19°C Haze 12:31 AM 12/23/2023
```

PlaceOrderPage.java

```
1 package medicare.pages;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.WebElement;
5 import org.openqa.selenium.support.FindBy;
6 import org.openqa.selenium.support.PageFactory;
7
8 public class PlaceOrderPage {
9
10
11     @FindBy(xpath = "//a[@class='nav-link text-success']")
12     WebElement Cart;
13
14     @FindBy(xpath = "//a[@id='place-order']")
15     WebElement PlaceOrderbtn;
16
17     public PlaceOrderPage(WebDriver driver) {
18
19         PageFactory.initElements(driver, this);
20     }
21
22     /*public void ViewProducts() {
23
24         ViewProduct.click();
25     }
26
27     public void AddToCart() {
28
29         AddtoCart.click();
30     }
31
32     */
33
34 }
```

Task List X

Find All Activate... ?

Outline X

medicare.pages

PlaceOrderPage

- Cart: WebElement
- PlaceOrderbtn: WebElement
- PlaceOrderPage(WebDriver)
- Cart(): void
- PlaceOrders(): void

Problems Declaration Console X Progress Results of running class APIEndpoints

No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/medicore/pages/PlaceOrderPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X
src/main/java
src/main/resources
src/test/java
src/test/java/medicare/base
src/test/java/medicare/pages
src/test/java/medicare/testpages
src/test/java/TestNGKmls
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test
JUnit
Type here to search 19°C Haze 12:31 AM 12/23/2023
```

PlaceOrderPage.java

```
1 package medicore.pages;
2
3 public PlaceOrderPage(WebDriver driver) {
4
5     PageFactory.initElements(driver, this);
6 }
7
8 /*public void ViewProducts() {
9
10     ViewProduct.click();
11 }
12
13 public void AddToCart() {
14
15     AddtoCart.click();
16 }
17
18 */
19
20 public void Cart() {
21
22     Cart.click();
23 }
24
25
26 public void PlaceOrders() {
27
28     PlaceOrderbtn.click();
29 }
30
31 }
```

Task List X

Find All Activate... ?

Outline X

medicore.pages

PlaceOrderPage

- Cart: WebElement
- PlaceOrderbtn: WebElement
- PlaceOrderPage(WebDriver)
- Cart(): void
- PlaceOrders(): void

Problems Declaration Console X Progress Results of running class APIEndpoints

No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/medicare/pages/SearchPage.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X PlaceOrderPage.java SearchPage.java
src/main/resources
src/main/java
src/test/resources
src/test/java
medicare/base
medicare.pages
PlaceOrderPage.java
LoginPage.java
PlaceOrderPageTest.java
RegisterPage.java
SearchPage.java
medicare.testpages
AddProductToCartTest.java
ItestListenerClass.java
LoginPageTest.java
PlaceOrderPageTest.java
RegisterPageTest.java
SearchPageTest.java
TestNG.xmls
TestNGRunner.xml
Utilities
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test
JUnitResultParser
```

```
1 package medicare.pages;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.WebElement;
5 import org.openqa.selenium.support.FindBy;
6 import org.openqa.selenium.support.PageFactory;
7
8 public class SearchPage {
9
10    @FindBy(id = "search-product")
11    WebElement Search;
12
13    @FindBy(id = "search-product-button")
14    WebElement Submit;
15
16    public SearchPage(WebDriver driver) {
17        PageFactory.initElements(driver, this);
18    }
19
20    public void Search() {
21
22        //Search.click();
23        Search.sendKeys("Limcee Chewable Tablet Orange");
24        Submit.click();
25
26    }
27
28
29
30
31 }
```

Task List X

Find All Activate... ?

Outline X

+ medicare.pages
 + SearchPage
 △ Search : WebElement
 △ Submit : WebElement
 ● SearchPage(WebDriver)
 ● Search() : void

Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/RegisterPageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X PlaceOrderPage.java SearchPage.java RegisterPageTest.java
src/main/resources
src/main/java
src/test/resources
src/test/java
medicare/base
Base.java
medicare.pages
AddProductToCartPage.java
LoginPage.java
PlaceOrderPage.java
RegisterPage.java
SearchPage.java
medicare.testpages
AddProductToCartTest.java
ItestListenerClass.java
LoginPageTest.java
PlaceOrderPageTest.java
RegisterPageTest.java
SearchPageTest.java
TestNG.xmls
TestNGRunner.xml
Utilities
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
Default suite
junitreports
old
test
JUnitResultParser
```

```
1 package medicare.testpages;
2
3 import java.io.IOException;
4
5 import org.testng.annotations.BeforeMethod;
6 import org.testng.annotations.DataProvider;
7 import org.testng.annotations.Test;
8
9 import Utilities.Xls_DataProvider;
10 import medicare.base.Base;
11
12 //import medicare.pages.HomePage;
13 import medicare.pages.RegisterPage;
14
15 public class RegisterPageTest extends Base {
16
17     // HomePage hp;
18     RegisterPage rp;
19
20
21     @BeforeMethod
22     public void openApplication() throws InterruptedException {
23
24         openBrowser("Chrome");
25
26         //hp = new HomePage(driver);
27
28         Thread.sleep(2000);
29
30         rp = new RegisterPage(driver);
31     }
32 }
```

Task List X

Find All Activate... ?

Outline X

+ medicare.testpages
 + RegisterPageTest
 △ rp : RegisterPage
 ● openApplication() : void
 ● RegisterUser(String, String, String)
 ● dataSupplier() : Object[]

Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.

Writable SmartInset 1:1:0 12:33 AM 19°C Haze 12/23/2023

Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/RegisterPageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X [PlaceOrderPage.java] [SearchPage.java] [RegisterPageTest.java]
src/main/java
src/main/resources
src/test/java
└ medicare.base
    └ Base.java
src/test/java
└ medicare.pages
    └ AddProductToCartPage.java
    └ LoginPage.java
    └ PlaceOrderPage.java
    └ RegisterPage.java
    └ SearchPage.java
src/test/java
└ medicare.testpages
    └ AddProductToCartTest.java
    └ ItestListenerClass.java
    └ LoginPageTest.java
    └ PlaceOrderPageTest.java
    └ RegisterPageTest.java
    └ SearchPageTest.java
    └ TestNGKmls
        └ TestNGRunner.xml
    └ Utilities
    └ junitreports
        └ old
        └ test
            └ bullet-report.html
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
└ Default suite
└ junitreports
└ old
└ test
    └ bullet-report.html
Task List X
Find All Activate...
Outline X
PlaceOrderPage
└ RegisterPageTest
    △ openApplication()
    ● RegisterUser(String, String, String)
    ● dataSupplier()
Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.
19°C Haze 12:33 AM 12/23/2023
```

21@ BeforeMethod
22 public void openApplication() throws InterruptedException {
23 openBrowser("Chrome");
24 //lp = new HomePage(driver);
25 Thread.sleep(2000);
26 rp = new RegisterPage(driver);
27 }
28
29 @Test(priority = '1', dataProvider = "testdata")
30 public void RegisterUser(String name, String email, String password) {
31 rp.new_user_Register_here();
32 rp.RegisterUser(name,email,password);
33 }
34
35 @DataProvider(name = "testdata")
36 public Object[][] datasupplier() throws IOException {
37 Object[][] input = Xls_DataProvider.getTestData("Sheet1");
38 return input;
39 }
40
41 }

Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/LoginPageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X [LoginPage.java] [LoginPageTest.java]
src/main/java
src/main/resources
src/test/java
└ medicare.base
    └ Base.java
src/test/java
└ medicare.pages
    └ AddProductToCartPage.java
    └ LoginPage.java
    └ PlaceOrderPage.java
    └ RegisterPage.java
    └ SearchPage.java
src/test/java
└ medicare.testpages
    └ AddProductToCartTest.java
    └ ItestListenerClass.java
    └ LoginPageTest.java
    └ PlaceOrderPageTest.java
    └ RegisterPageTest.java
    └ SearchPageTest.java
    └ TestNGKmls
        └ TestNGRunner.xml
    └ Utilities
    └ junitreports
        └ old
        └ test
            └ bullet-report.html
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
└ Default suite
└ junitreports
└ old
└ test
    └ bullet-report.html
Task List X
Find All Activate...
Outline X
LoginPage
└ LoginPageTest
    △ OpenApp()
    ● lp.LoginPage()
    ● lp.OpenApp()
    ● lp.Login()
Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.
19°C Haze 12:33 AM 12/23/2023
```

```
1 package medicare.testpages;
2
3 //import java.io.IOException;
4
5 import org.testng.annotations.BeforeClass;
6 //import org.testng.annotations.DataProvider;
7 import org.testng.annotations.Test;
8
9 //import Utilities.Xls_DataProvider;
10
11 import medicare.pages.LoginPage;
12 import medicare.base.Base;
13
14
15 @BeforeClass
16     public class LoginPageTest extends Base {
17
18     LoginPage lp;
19
20     @BeforeClass
21     public void OpenApp() throws InterruptedException {
22         openBrowser("Chrome");
23         Thread.sleep(2000);
24         lp = new LoginPage(driver);
25     }
26
27
28     //@Test(priority = '1', dataProvider = "testdata")
29     public void LoginUser(String email, String password) throws InterruptedException {  
30         lp.LoginPage();  
31     }  
32 }
```

Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/LoginPageTest.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X
src/main/java
src/main/resources
src/test/java
  medicare.base
  Base.java
  medicare.pages
    AddProductToCartPage.java
    LoginPage.java
    PlaceOrderPage.java
    RegisterPage.java
    SearchPage.java
  medicare.testpages
    AddProductToCartTest.java
    ItestListenerClass.java
    LoginPageTest.java
    PlaceOrderPageTest.java
    RegisterPageTest.java
    SearchPageTest.java
  TestNGKmls
    TestNGRunner.xml
    Utilities
    src/test/resources
  JRE System Library [JavaSE-1.8]
  Maven Dependencies
  src
  target
  test-output
    Default suite
    junitreports
    old
    test1
    build-report.html
  Type here to search
  12:33 AM 19°C Haze 12/23/2023
```

```

LoginPageTest.java X
22     openBrowser("Chrome");
23     Thread.sleep(2000);
24     lp = new LoginPage(driver);
25
26 }
27
28 /**
29 * @test(priority = '1',dataProvider = "testdata")
30 public void loginUser(String email, String password) throws InterruptedException {
31
32     lp.LoginUser(email,password);
33     lp.Logout();
34 }
35
36 /**
37 * @DataProvider(name = "testdata")
38 public Object[][] dataSupplier() throws IOException {
39
40     Object[][] input = Xls_DataProvider2.getTestData("Sheet1");
41     return input;
42 }
43
44 /**
45 * @Test(priority='1')
46 Run | Debug
47 public void test_login(){
48
49     lp.LoginUser();
50 }
51 }
```

Task List X

Find All Activate... ?

Outline X

medicare.testpages
 LoginPageTest
 lp>LoginPage
 OpenApp():void
 test_login():void

Problems Declaration Console X Progress Results of running class APIEndpoints
 No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/AddProductToCartTest.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X
src/main/java
src/main/resources
src/test/java
  medicare.base
  Base.java
  medicare.pages
    AddProductToCartPage.java
    LoginPage.java
    PlaceOrderPage.java
    RegisterPage.java
    SearchPage.java
  medicare.testpages
    AddProductToCartTest.java
    ItestListenerClass.java
    LoginPageTest.java
    PlaceOrderPageTest.java
    RegisterPageTest.java
    SearchPageTest.java
  TestNGKmls
    TestNGRunner.xml
    Utilities
    src/test/resources
  JRE System Library [JavaSE-1.8]
  Maven Dependencies
  src
  target
  test-output
    Default suite
    junitreports
    old
    test1
    build-report.html
  Type here to search
  12:33 AM 19°C Haze 12/23/2023
```

```

AddProductToCartTest.java X
1 package medicare.testng;
2
3 //import java.io.IOException;
4
5 //import org.testng.annotations.BeforeMethod;
6 import org.testng.annotations.BeforeTest;
7 //import org.testng.annotations.DataProvider;
8 import org.testng.annotations.Test;
9
10 //import Utilities.Xls_DatasProvider;
11 import medicare.base.Base;
12 import medicare.pages.AddProductToCartPage;
13 import medicare.pages.LoginPage;
14 //import medicare.pages.RegisterPage;
15
16 Run ALL
17 public class AddProductToCartTest extends Base {
18
19     LoginPage lp;
20     //LoginPage rp;
21     AddProductToCartPage apc;
22
23     @BeforeTest
24     public void openApplication() throws InterruptedException {
25
26         openBrowser("Chrome");
27
28         lp = new LoginPage(driver);
29
30         apc = new AddProductToCartPage(driver);
31
32 }
```

Task List X

Find All Activate... ?

Outline X

medicare.testng
 AddProductToCartTest
 lp>LoginPage
 apc:AddProductToCartPage
 openApplication():void
 test_login():void
 ViewProducts():void
 test_add_product_to_cart():void
 cert():void

Problems Declaration Console X Progress Results of running class APIEndpoints
 No consoles to display at this time.

Writable SmartInset 1:1:0

Eclipse IDE - Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/AddProductToCartTest.java

```

30
31     apc = new AddProductToCartPage(driver);
32
33 }
34 }
35 /**
36  * @Test(priority=1)
37 */
38 public void Viewproduct() {
39     apc.ViewProducts();
40 }
41
42 /**
43  * @Test(priority = "1", dataProvider = "testdata")
44 */
45 public void LoginUser(String email, String password) throws InterruptedException {
46
47     lp.LoginUser(email,password);
48     Thread.sleep(2000);
49     apc.ViewProducts();
50     Thread.sleep(2000);
51     apc.AddToCart();
52     Thread.sleep(2000);
53     apc.Cart();
54
55 }
56
57 /**
58  * @DataProvider(name = "testdata")
59 */
60 public Object[][] datasupplier() throws IOException {
61
62     Object[][] input = Xls_DataProvider2.getTestData("Sheet1");
63
64 }
65
66 /**
67  * @Test(priority=2)
68 */
69 public void AddCart() {
70     apc.AddtoCart();
71 }
72
73 /**
74  * @Test(priority=1)
75 */
76 public void test_login() {
77     lp.LoginUser();
78 }
79
80 /**
81  * @Test(priority=2)
82 */
83 public void ViewProducts() throws InterruptedException {
84
85     apc.ViewProducts();
86 }
87
88 /**
89  * @Test(priority=3)
90 */
91 public void test_add_product_to_cart() throws InterruptedException {
92
93     apc.AddToCart();
94 }
95
96 /**
97  * @Test(priority=4)
98 */
99 public void cert() {
100 }
101
102 }

```

Eclipse IDE - Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/AddProductToCartTest.java

```

66
67     Object[][] input = Xls_DataProvider2.getTestData("Sheet1");
68
69 }
70
71 /**
72  * @Test(priority=2)
73 */
74 public void AddCart() {
75     apc.AddtoCart();
76 }
77
78 /**
79  * @Test(priority=1)
80 */
81 public void test_login() {
82     lp.LoginUser();
83 }
84
85 /**
86  * @Test(priority=2)
87 */
88 public void ViewProducts() throws InterruptedException {
89
90     apc.ViewProducts();
91 }
92
93 /**
94  * @Test(priority=3)
95 */
96 public void test_add_product_to_cart() throws InterruptedException {
97
98     apc.AddToCart();
99 }
100
101 /**
102  * @Test(priority=4)
103 */
104 public void cert() {
105 }
106
107 }

```

Eclipse IDE - Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/AddProductToCartTest.java

```

public void AddToCart() {
    apc.AddtoCart();
}

@Test(priority='1')
Run / Debug
public void test_login()
{
    lp.LoginUser();
}

@Test(priority='2')
Run / Debug
public void ViewProducts() throws InterruptedException
{
    apc.ViewProducts();
}

@Test(priority='3')
Run / Debug
public void test_add_product_to_cart() throws InterruptedException
{
    apc.AddToCart();
}

@Test(priority='4')
Run / Debug
public void cart() throws InterruptedException
{
    apc.Cart();
}

```

Eclipse IDE - Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/PlaceOrderPageTest.java

```

package medicare.testpages;

import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

import medicare.pages.AddProductToCartPage;
import medicare.pages.LoginPage;
import medicare.pages.PlaceOrderPage;
import medicare.base.Base;
import medicare.base.WebDriverBase;

public class PlaceOrderPageTest extends Base {

    LoginPage lp;
    AddProductToCartPage apc;
    PlaceorderPage po;

    @BeforeTest
    public void openApplication() throws InterruptedException {
        openBrowser("Chrome");
        lp = new LoginPage(driver);
        apc = new AddProductToCartPage(driver);
        po = new PlaceOrderPage(driver);
    }
}

```

Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/PlaceOrderPageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X [AddProductToCartTest.java] PlaceOrderPageTest.java X
src/main/java
src/main/resources
src/test/java
└ medicare.base
└ medicare.pages
└ medicare.testpages
└ TestNGKmls
└ TestNGRunner.xml
└ Utilities
src/test/resources
└ JRE System Library [JavaSE-1.8]
└ Maven Dependencies
└ src
└ target
└ test-output
└ Default suite
└ junitreports
└ old
└ test1
└ bullet-point.html
Task List X
Find All Activate...
Outline X
Find All Activate...
Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.
11:00 12:34 AM 12/23/2023
```

AddProductToCartTest.java

```
openBrowser("Chrome");
lp = new LoginPage(driver);
apc = new AddProductToCartPage(driver);
po = new PlaceOrderPage(driver);

}
@Test(priority='1')
Run | Debug
public void test_login()
{
    lp.LoginUser();
}

@Test(priority='2')
Run | Debug
public void cart() throws InterruptedException
{
    apc.cart();
}

@Test(priority='3')
Run | Debug
public void PlaceOrder() throws InterruptedException
{
    po.PlaceOrders();
}
```

PlaceOrderPageTest.java

```
openApplication();
test_login();
cart();
PlaceOrder();
```

Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/SearchPageTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X [AddProductToCartTest.java] PlaceOrderPageTest.java X [SearchPageTest.java] X
src/main/java
src/main/resources
src/test/java
└ medicare.base
└ medicare.pages
└ medicare.testpages
└ TestNGKmls
└ TestNGRunner.xml
└ Utilities
src/test/resources
└ JRE System Library [JavaSE-1.8]
└ Maven Dependencies
└ src
└ target
└ test-output
└ Default suite
└ junitreports
└ old
└ test1
└ bullet-point.html
Task List X
Find All Activate...
Outline X
Find All Activate...
Problems Declaration Console X Progress Results of running class APIEndpoints
No consoles to display at this time.
11:00 12:34 AM 12/23/2023
```

AddProductToCartTest.java

```
package medicare.testpages;
import java.io.IOException;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.DataProvider;
import org.testng.annotations.Test;
import Utilities.Xls_DatasProvider2;
import medicare.base.Base;
import medicare.pages.LoginPage;
import medicare.pages.SearchPage;
Run ALL
public class SearchPageTest extends Base {
    LoginPage lp;
    SearchPage sp;
}

@BeforeMethod
public void start_browser() throws InterruptedException {
    openBrowser("Chrome");
}

//rp = new RegisterPage(driver);
lp = new LoginPage(driver);
//Thread.sleep(2000);
sp = new SearchPage(driver);
}

@Test(priority='1')
```

SearchPageTest.java

```
start_Launch();
test_login();
```

Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/SearchPageTest.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Task List Outline Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
Find All Activate...
src/main/java
src/main/resources
src/test/java
└ medicare.base
└ medicare.pages
└ medicare.testpages
└ medicare.testpages
└ AddProductToCartTest.java
└ ItestListenerClass.java
└ LoginPageTest.java
└ PlaceOrderPageTest.java
└ RegisterPageTest.java
└ SearchPageTest.java
└ TestNgXmls
└ TestNGRunner.xml
└ Utilities
└ resources
└ JRE System Library [JavaSE-1.8]
└ Maven Dependencies
└ src
└ target
└ test-output
└ Default suite
└ junitreports
└ old
└ test1
└ build.xml

```

```

16
17
18 @BeforeMethod
19 public void start_browser() throws InterruptedException {
20     openBrowser("Chrome");
21
22     //rp = new Registration(driver);
23     lp = new LoginPage(driver);
24
25     //Thread.sleep(2000);
26
27     sp = new SearchPage(driver);
28
29 }
30
31 @Test(priority=1)
32 public void test_login() throws InterruptedException {
33     lp.LoginUser();
34     Thread.sleep(2000);
35     sp.Search();
36 }
37
38 /*@Test(priority=2)
39 public void Search() throws InterruptedException {
40     sp.Search();
41 }
42 */
43
44
45 }
46

```

Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/ItestListenerClass.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Task List Outline Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
Find All Activate...
src/main/java
src/main/resources
src/test/java
└ medicare.base
└ medicare.pages
└ medicare.testpages
└ medicare.testpages
└ AddProductToCartPage.java
└ LoginPage.java
└ PlaceOrderPage.java
└ RegisterPage.java
└ SearchPage.java
└ medicare.testpages
└ AddProductToCartTest.java
└ ItestListenerClass.java
└ LoginPageTest.java
└ PlaceOrderPageTest.java
└ RegisterPageTest.java
└ SearchPageTest.java
└ TestNgXmls
└ TestNGRunner.xml
└ Utilities
└ resources
└ JRE System Library [JavaSE-1.8]
└ Maven Dependencies
└ src
└ target
└ test-output
└ Default suite
└ junitreports
└ old
└ test1
└ build.xml

```

```

1 package medicare.testpages;
2
3 import org.testng.ITestContext;
4 import org.testng.ITestListener;
5 import org.testng.ITestResult;
6
7 public class ItestListenerClass implements ITestListener {
8
9     public void onTestStart(ITestResult result) {
10         System.out.println("Test Method start");
11     }
12
13     public void onTestSuccess(ITestResult result) {
14         System.out.println("Test Method success");
15     }
16
17     public void onTestFailure(ITestResult result) {
18         System.out.println("Test Method Failed");
19     }
20
21     public void onTestSkipped(ITestResult result) {
22         System.out.println("Test Method skipped");
23     }
24
25 }
26
27
28
29
30
31
32 }

```

Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/medicare/testpages/ItestListenerClass.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Task List Outline Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
Find All Activate...
I AddProductToCartTest.java I PlaceOrderPageTest.java I SearchPageTest.java I testListenerClass.java
src/main/java
src/main/resources
src/test/java
└── medicare.base
    ├── Base.java
    └── medicare.pages
        ├── AddProductToCartPage.java
        ├── LoginPage.java
        ├── PlaceOrderPage.java
        ├── RegisterPage.java
        └── SearchPage.java
src/test/java
└── medicare.testpages
    ├── AddProductToCartTest.java
    ├── ItestListenerClass.java
    ├── LoginPageTest.java
    ├── PlaceOrderPageTest.java
    ├── RegisterPageTest.java
    └── SearchPageTest.java
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
test-output
└── Default suite
junitreports
old
test
JUnit version 4.13.2
Type here to search 19°C Haze 12:34 AM 12/23/2023
```

Find All Activate...

```
public void onTestFailure(ITestResult result) {
    System.out.println("Test Method Failed");
}
public void onTestSkipped(ITestResult result) {
    System.out.println("Test Method skipped");
}
public void onTestFailedWithTimeout(ITestResult result) {
    System.out.println("Test Method fail with timeout");
}
public void onStart(ITestContext context) {
    System.out.println("Testing has started");
}
public void onFinish(ITestContext context) {
    System.out.println("Testing has finished");
}
```

Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
No consoles to display at this time.

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Capstone Project - Medicare_TestNG/src/test/java/TestNgRunner.xml - Eclipse IDE

```
File Edit Source Navigate Project Run Window Help
Package Explorer Task List Outline Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
Find All Activate...
I XlsDataProvider.java I TestNgRunner.xml
src/main/java
src/main/resources
src/test/java
└── medicare.base
    ├── Base.java
    └── medicare.pages
        ├── AddProductToCartPage.java
        ├── LoginPage.java
        ├── PlaceOrderPage.java
        ├── RegisterPage.java
        └── SearchPage.java
src/test/java
└── medicare.testpages
    ├── AddProductToCartTest.java
    ├── ItestListenerClass.java
    ├── LoginPageTest.java
    ├── PlaceOrderPageTest.java
    ├── RegisterPageTest.java
    └── SearchPageTest.java
src/test/resources
└── TestNgRunner.xml
src/test/cources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
JUnit version 4.13.2
Type here to search 21°C Mostly cloudy 12:34 AM 12/23/2023
```

```
<listeners>
<listener class-name="medicare.testpages.ItestListenerClass"></listener>
</listeners>
<test name="QMFframework">
    <classes>
        <class name="medicare.testpages.RegisterPageTest"></class>
        <class name="medicare.testpages.LoginPageTest"></class>
        <class name="medicare.testpages.AddProductToCartTest"></class>
        <class name="medicare.testpages.PlaceOrderPageTest"></class>
    </classes>
    </test>
</suite>
```

Problems Javadoc Declaration Console Progress Results of running class APIEndpoints
No consoles to display at this time.

Writable Insert 1:1:0 LemMinX: (15%) 12:34 AM 12/23/2023



Login Yourself

Email:

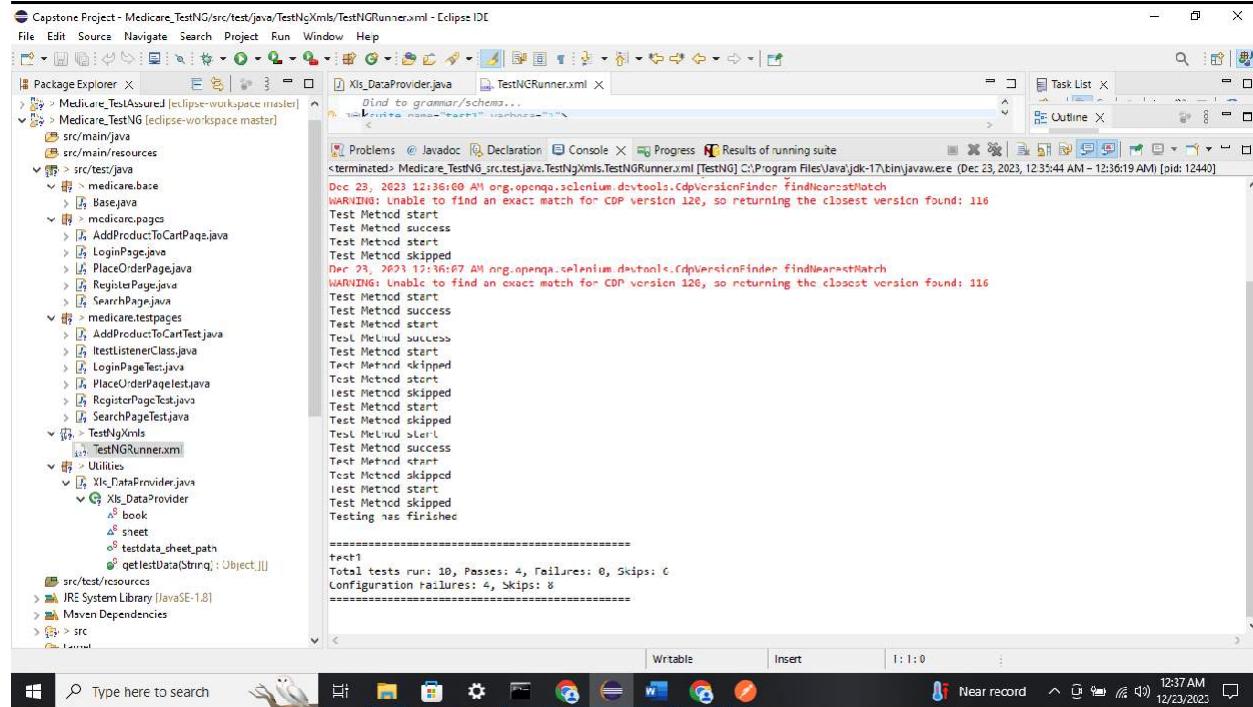
Enter email

Password:

Enter password

Login

[New User? Register Here](#)



JMeter

JMeter (C:\apache-jmeter-5.6.2\apache-jmeter-5.6.2\bin\JmeterDemo\Medicare_JMeter.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Thread Group

Name: Thread Group
Comments:
Action to be taken after a Sampler error:
 Continue Start Next Thread Loop Stop Thread Stop Test Stop Test Now

Thread Properties

Number of Threads (users): 5
Ramp-up period (seconds): 20
Loop Count: Infinite 1
 Some user on each iteration
 Delay Thread creation until needed
 Specify Thread lifetime
Duration (seconds): 0
Startup delay (seconds): 0

Test

- http://localhost:9010/
- http://localhost:9010/register
- http://localhost:9010/register-user
- http://localhost:9010/view-product?id=104
- http://localhost:9010/add-to-cart?id=104
- http://localhost:9010/home
- http://localhost:9010/cart
- http://localhost:9010/place-order
- http://localhost:9010/home
- http://localhost:9010/orders
- http://localhost:9010/home
- http://localhost:9010/logout

Aggregate Report

View Results Tree

JMeter (C:\apache-jmeter-5.6.2\apache-jmeter-5.6.2\bin\JmeterDemo\Medicare_JMeter.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Aggregate Report

Name: Aggregate Report
Comments:
Write results to file / Read from file
Filename: Browse... Log/Display Only: Errors Successes Configure

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Maximum	Error %	Throughput	Received K...	Sent KB/sec
http://loc...	2	18	4	33	33	33	4	33	0.00%	30.4/min	0.72	0.29
http://loc...	1	3	3	3	3	3	3	3	0.00%	333.3/sec	551.11	196.29
TOTAL	3	13	4	33	33	33	3	33	0.00%	45.5/min	1.14	0.44

View Results Tree

Medicare_JMeter.jmx (C:\apache-jmeter-5.6.2\apache-jmeter-5.6.2\bin\JmeterDemo\Medicare_JMeter.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

View Results Tree

Name: View Results Tree
Comments: Write results to file / Read from file
Filename: Browse... Log/Display Only: Errors Successes Configure

Search: Case sensitive Regular exp Reset

Text Sampler result Request Response data

Thread Name: Thread Group 1-1
Sample Start: 2023-12-23 00:40:41 IST
Load time: 33
Connect Time: 14
Latency: 20
Size in bytes: 1461
Sent bytes: 588
Headers size in bytes: 194
Body size in bytes: 1267
Sample Count: 1
Error Count: 0
Data type ("text","bin",""): text
Response code: 200
Response message:

HTTPSampleResult fields:
Content-Type: text/html; charset=UTF-8
DataEncoding: UTF-8

Parsed

Raw

View Results Tree

Medicare_JMeter.jmx (C:\apache-jmeter-5.6.2\apache-jmeter-5.6.2\bin\JmeterDemo\Medicare_JMeter.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Aggregate Report

Name: Aggregate Report
Comments: Write results to file / Read from file
Filename: Browse... Log/Display Only: Errors Successes Configure

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Maxim...	Error %	Throug...	Rece...	Sent...
http://localhost:9010/	5	11	7	7	33	33	4	33	0.00%	18.0/min	0.45	0.18
http://localhost:9010/register	5	6	7	8	13	13	2	13	0.00%	18.0/min	0.52	0.18
http://localhost:9010/register-user	5	11	10	12	15	15	9	15	0.00%	18.0/min	4.19	0.22
http://localhost:9010/view-product?id=104	5	6	7	7	8	8	6	8	0.00%	18.0/min	0.67	0.20
http://localhost:9010/add-to-cart?id=104	5	6	7	7	10	10	3	10	0.00%	18.0/min	0.51	0.20
http://localhost:9010/home	15	5	5	7	7	8	2	8	0.00%	24.3/min	4.69	0.26
http://localhost:9010/cart	5	5	6	6	6	6	3	6	0.00%	18.0/min	0.82	0.20
http://localhost:9010/place-order	5	16	10	16	46	46	4	46	60.00%	18.0/min	0.49	0.20
http://localhost:9010/orders	5	3	4	5	6	6	2	6	0.00%	18.0/min	2.95	0.20
http://localhost:9010/logout	5	6	6	7	11	11	3	11	0.00%	18.0/min	0.45	0.20
Test	5	88	93	102	107	107	60	107	60.00%	3.0/min	3.47	0.38
TOTAL	65	13	6	16	82	102	2	107	9.23%	38.8/min	6.94	0.76

Including group name in label? Save Table Data Save Table Header

Cucumber

The screenshot shows the Eclipse IDE interface with the Medicare_Cucumber project open. The Package Explorer view on the left displays the project structure, including src/main/java, src/test/java, and src/test/resources. The src/test/java/features directory contains the file Medicare_Cucumber.feature. The feature file content is as follows:

```
1 | feature: To test medicare apis for capstone project
2 |
3 | Scenario: Retrieve the list of all products in the store
4 | Given User Enters Medicare base URL and Authorization
5 | When User executes HTTP get method
6 | Then Validate the response status code
7 |
8 | Scenario: Retrieve the list of all registered users
9 | Given User Enters Medicare base URL and Authorization
10 | When User executes HTTP get method
11 | Then Validate the response status code
12 |
13 | Scenario: Add the product
14 | Given User Enters Medicare base URL and Authorization
15 | When User executes HTTP post method
16 | Then Validate the response status code
17 |
18 | Scenario: Update the product
19 | Given User Enters Medicare base URL and Authorization
20 | When User executes HTTP put method
21 | Then Validate the response status code
22 |
23 | Scenario: Delete the product
24 | Given User Enters Medicare base URL and Authorization
25 | When User executes HTTP Delete method
26 | Then Validate the response status code
27 |
28 | Scenario: Delete the product
29 | Given User Enters Medicare base URL and Authorization
30 | When User executes HTTP Delete method
31 | Then Validate the response status code
32 |
```

The screenshot shows the Eclipse IDE interface with the Medicare_Cucumber project open. The Package Explorer view on the left displays the project structure, including src/main/java, src/test/java, and src/test/resources. The src/test/java/steps directory contains the file MedicareAPISignatureTest.java. The Java code is as follows:

```
1 package steps;
2
3 import java.util.HashMap;
4
5 public class MedicareAPISignatureTest {
6
7     @Given("User Enters Medicare base URL and Authorization")
8     public void user_enters_medicare_base_url_and_authorization() {
9         RestAssured.given()
10            .baseUrl("http://localhost:9010")
11            .basePath("/get-products")
12            .when().get()
13            .then().statusCode(200)
14            .log().all();
15    }
16
17    @When("User executes HTTP get method")
18    public void user_executes_http_get_method() {
19        RestAssured.given()
20            .baseUrl("http://localhost:9010")
21            .basePath("/get-products")
22            .when().get()
23            .then().statusCode(200)
24            .log().all();
25    }
26
27    @Then("Validate the response status code")
28    public void validate_the_response_status_code() {
29        RestAssured.given()
30            .baseUrl("http://localhost:9010")
31            .basePath("/get-products")
32    }
33
34}
```

The Outline view on the right shows the steps defined in the MedicareAPISignatureTest.java file:

- user_enters_medicare_base_url_and_authorization()
- user_executes_http_get_method()
- validate_the_response_status_code()
- user_executes_http_post_method()
- user_executes_http_put_method()
- user_executes_http_delete_method()

Capstone Project - Medicare_Cucumber [src/test/java/steps/MedicareAPIStepsTest.java - Eclipse IDE]

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

```
src/main/java  
src/main/resources  
src/test/java  
features  
Medicare_Cucumber.feature  
steps  
Medic平APIStepsTest.java  
src/test/resources  
JRE System Library [JavaSE-1.8]  
Maven Dependencies  
src  
target  
pom.xml
```

```
src/test/java/steps/MedicareAPIStepsTest.java
```

```
36 RestAssured.given()  
37 .baseUrl("http://localhost:9010")  
38 .basePath("get-products")  
39 .when().get()  
40 .then().statusCode(200)  
41 .log().all();  
42 }  
43 }  
44 @When("User executes HTTP post method")  
45 public void user_executes_http_post_method() {  
46 HashMap<String, String> map = new HashMap<String, String>();  
47  
48 map.put("id", "999");  
49 map.put("image", ".png");  
50 map.put("name", "Disprin");  
51 map.put("category", "medicine");  
52 map.put("brand", "EZ Medico");  
53 map.put("status", "1");  
54 map.put("price", "100");  
55  
56 RestAssured.given()  
57 .baseUrl("http://localhost:9010")  
58 .basePath("add-product")  
59 .contentType("application/json")  
60 .body(map)  
61 .when().post()  
62 .then().statusCode(200).log().all();  
63 }  
64 }  
65 }  
66 @When("User executes HTTP put method")  
67 public void user_executes_http_put_method() {  
68  
69 }
```

Problems Declaration Console X Progress Results of running suite

No consoles to display at this time.

Writable Smart Insert 1:1:0

21°C Mostly cloudy 12:46 AM 12/23/2023

Capstone Project - Medicare_Cucumber [src/test/java/steps/MedicareAPIStepsTest.java - Eclipse IDE]

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

```
src/main/java  
src/main/resources  
src/test/java  
features  
Medicare_Cucumber.feature  
steps  
Medic平APIStepsTest.java  
src/test/resources  
JRE System Library [JavaSE-1.8]  
Maven Dependencies  
src  
target  
pom.xml
```

```
src/test/java/steps/MedicareAPIStepsTest.java
```

```
67 @When("User executes HTTP put method")  
68 public void user_executes_http_put_method() {  
69  
70 HashMap<String, String> map = new HashMap<String, String>();  
71  
72 map.put("id", "999");  
73 map.put("image", ".png");  
74 map.put("name", "Disprin");  
75 map.put("category", "medicine");  
76 map.put("brand", "EZ Medico");  
77 map.put("status", "1");  
78 map.put("price", "120");  
79  
80 RestAssured.given()  
81 .baseUrl("http://localhost:9010")  
82 .basePath("update-product")  
83 .contentType("application/json")  
84 .body(map)  
85 .when().put()  
86 .then().statusCode(200).log().all();  
87  
88  
89 }  
90  
91 @When("User executes HTTP Delete method")  
92 public void user_executes_http_delete_method() {  
93  
94 RestAssured.given()  
95 .baseUrl("http://localhost:9010")  
96 .basePath("delete-product")  
97 .queryParam("id", "101")  
98 .when().delete()
```

Problems Declaration Console X Progress Results of running suite

No consoles to display at this time.

Writable Smart Insert 1:1:0

21°C Mostly cloudy 12:46 AM 12/23/2023

Capstone Project - Medicare_Cucumber [src/test/java/steps/MedicareAPIStepsTest.java - Eclipse IDE]

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer X Medicure_Cucumber.feature MedicureAPIStepsTest.java

```
src/main/java  
src/main/resources  
src/test/java  
features  
Medicure_Cucumber.feature  
steps  
MedicureAPIStepsTest.java  
src/test/resources  
JRE System Library [JavaSE-1.8]  
Maven Dependencies  
src  
target  
pom.xml
```

```
73     map.put("image", "2.png");
74     map.put("name", "Disprin+");
75     map.put("category", "medicine");
76     map.put("brand", "QZ Medico");
77     map.put("status", "1");
78     map.put("price", "120");
79
80     RestAssured.given()
81         .baseUri("http://localhost:9010")
82         .basePath("update-product")
83         .contentType("application/json")
84         .body(map)
85         .when().put();
86         .then().statusCode(200).log().all();
87
88
89 }
90
91 @When("User executes HTTP Delete method")
92 public void user_executes_http_delete_method() {
93
94     RestAssured.given()
95         .baseUri("http://localhost:9010")
96         .basePath("delete-product")
97         .queryParam("id", "101")
98         .when().delete();
99         .then().statusCode(200)
100        .log().all();
101
102 }
103
104 }
105 }
```

Problems Declaration Console X Progress Results of running suite

No consoles to display at this time.

Writable SmartInsert 1:1:0 12:46 AM 21°C Mostly cloudy 12/23/2023

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature - Eclipse IDE]

```
File Edit Navigate Search Project Run Window Help
```

Package Explorer X Medicure_Cucumber.feature MedicureAPIStepsTest.java

```
src/main/java  
src/main/resources  
src/test/java  
features  
Medicure_Cucumber.feature  
steps  
MedicureAPIStepsTest.java  
src/test/resources  
JRE System Library [JavaSE-1.8]  
Maven Dependencies  
src  
target  
pom.xml
```

```
1 Feature: To test medicare apis for capstone project
  2 Scenario: Retrieve the list of all products in the store
    3 Given User Enters Medicare base URL and Authorization
      <empty>
```

Problems Declaration Console X Progress Results of running suite

<terminated> Medicure_Cucumber.feature [Cucumber Feature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pdi:21204]

Dec 23, 2023 12:47:11 AM cucumber.api.cli.Main run

WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main

Scenario: Retrieve the list of all products in the store # src/test/java/features/Medicure_Cucumber.feature:3

SFL43: No SFL4 providers were found.

SFL43: Defaulting to no operation (NOP) logger implementation

SFL43: See <https://www.slf4j.org/codes.html#noProviders> for further details.

HTTP/1.1 200

Content-Type: application/json

Transfer-Encoding: chunked

Date: Fri, 22 Dec 2023 19:17:15 GMT

Keep-Alive: timeout=60

Connection: keep alive

```
{
  "code": 101,
  "message": "13 Products Fetched Successfully.",
  "products": [
    {
      "id": 102,
      "image": "2.png",
      "name": "Handard Safi Natural Blood Purifier Syrup",
      "category": "Medicine",
      "brand": "Generic",
      "status": 1,
      "price": 70
    },
    {
      "id": 103,
      "image": "3.png",
      "name": "organic India Arjuna Cardiac Wellbeing Veg Capsule"
    }
  ]
}
```

Windows Type here to search 21°C Mostly cloudy 12:47 AM 12/23/2023

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicare_Cucumber.feature X MedicareAPITest.java

1 Feature: To test medicare apis for capstone project
2 Scenario: Retrieve the list of all products in the store
3 Given User Enters Medicare base URL and Authorization

Problems Javadoc Declaration Console X Progress Results of running suite

<terminated> Medicare_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]

```
name": "Organic India Arjuna Cardiac Wellbeing Veg Capsule",  
"category": "Medicine",  
"brand": "Pharma Inc.",  
"status": 1,  
"price": 100  
,  
{  
"id": 104,  
"image": "4.png",  
"name": "Limece Chewable Tablet Orange",  
"category": "Medicine",  
"brand": "Relief Pharmaceuticals",  
"status": 1,  
"price": 80  
,  
{  
"id": 105,  
"image": "5.png",  
"name": "Dr Willmar Schwabe Germany",  
"category": "Medicine",  
"brand": "Nature's Best",  
"status": 1,  
"price": 80  
,  
{  
"id": 106,  
"image": "6.png",  
"name": "New Seridon for Fast Headache Relief Tablet",  
"category": "Medicine",  
"brand": "MediRelief",  
"status": 1,  
"price": 60  
,  
{  
"id": 107,  
"image": "7.png",  
"name": "Immunity & Wellness Supplement Tablet",  
"category": "Medicine",  
"brand": "AllenGuard",  
"status": 1,  
"price": 90  
,  
{  
"id": 108,  
"image": "8.png",  
"name": "SBL Bio-Combination 6 Tablet",  
"category": "Medicine",  
"brand": "ClearView",  
"status": 1,  
"price": 40  
,  
{  
"id": 109,  
"image": "9.png",  
"name": "Dr. Reckeweg Calcarea Phosphorica",  
"category": "Medicine",  
"brand": "SafeLife",  
"status": 1,  
"price": 220  
,
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicare_Cucumber.feature X MedicareAPITest.java

1 Feature: To test medicare apis for capstone project
2 Scenario: Retrieve the list of all products in the store
3 Given User Enters Medicare base URL and Authorization

Problems Javadoc Declaration Console X Progress Results of running suite

<terminated> Medicare_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]

```
status": 1,  
"price": 120  
,  
{  
"id": 167,  
"image": "7.png",  
"name": "Immunity & Wellness Supplement Tablet",  
"category": "Medicine",  
"brand": "AllenGuard",  
"status": 1,  
"price": 90  
,  
{  
"id": 168,  
"image": "8.png",  
"name": "SBL Bio-Combination 6 Tablet",  
"category": "Medicine",  
"brand": "ClearView",  
"status": 1,  
"price": 40  
,  
{  
"id": 169,  
"image": "9.png",  
"name": "Dr. Reckeweg Calcarea Phosphorica",  
"category": "Medicine",  
"brand": "SafeLife",  
"status": 1,  
"price": 220  
,
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

- src/main/java
- src/main/resources
- src/test/java
 - features
 - Medicure_Cucumber.feature
 - steps
 - MedicareAPIScenarioTest.java
 - src/test/resource
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- target
- pom.xml

Medicure_Cucumber.feature X MedicareAPIScenarioTest.java

```
1 Feature: To test medicare apis for capstone project
  2 Scenario: Retrieve the list of all products in the store
    3 Given User Enters Medicare base URL and Authorization
      4 When User Enters Medicure_Cucumber.feature
        5 Then User Gets Response from API
          6 Then User Checks Response Status Code is 200
          7 Then User Checks Response Body contains "status": 1
          8 Then User Checks Response Body contains "price": 220
          9 Then User Checks Response Body contains "id": 110
          10 Then User Checks Response Body contains "image": "10.png"
          11 Then User Checks Response Body contains "name": "Himalaya Wellness Pure Herbs Arjuna Cardiac"
          12 Then User Checks Response Body contains "category": "Medicine"
          13 Then User Checks Response Body contains "brand": "Relief Pharmaceuticals"
          14 Then User Checks Response Body contains "status": 1
          15 Then User Checks Response Body contains "price": 170
        16 Then User Checks Response Body contains "id": 111
        17 Then User Checks Response Body contains "image": "11.png"
        18 Then User Checks Response Body contains "name": "SLB Five Phos Tablet 6X"
        19 Then User Checks Response Body contains "category": "Medicine"
        20 Then User Checks Response Body contains "brand": "Pharma Inc."
        21 Then User Checks Response Body contains "status": 1
        22 Then User Checks Response Body contains "price": 515
        23 Then User Checks Response Body contains "id": 112
        24 Then User Checks Response Body contains "image": "12.png"
        25 Then User Checks Response Body contains "name": "SLB Nux Vomica Dilution 30 CH"
        26 Then User Checks Response Body contains "category": "Medicine"
        27 Then User Checks Response Body contains "brand": "Relief Pharmaceuticals"
        28 Then User Checks Response Body contains "status": 1
        29 Then User Checks Response Body contains "price": 88
      30 Then User Checks Response Body contains "id": 999
      31 Then User Checks Response Body contains "image": "2.png"
      32 Then User Checks Response Body contains "name": "Disprin"
      33 Then User Checks Response Body contains "category": "medicine"
      34 Then User Checks Response Body contains "brand": "BZ Medico"
      35 Then User Checks Response Body contains "status": 0
      36 Then User Checks Response Body contains "price": 120
      37 Then User Checks Response Body contains "id": 999
      38 Then User Checks Response Body contains "image": "2.png"
      39 Then User Checks Response Body contains "name": "Disprin"
      40 Then User Checks Response Body contains "category": "medicine"
      41 Then User Checks Response Body contains "brand": "BZ Medico"
      42 Then User Checks Response Body contains "status": 1
      43 Then User Checks Response Body contains "price": 100
    44 Given User Enters Medicare base URL and Authorization # steps.MedicareAPIScenarioTest.user_enters_medicare_base_url_and_authorization()
    HTTP/1.1 200
    Content-Type: application/json
    Transfer-Encoding: chunked
    Date: Fri, 22 Dec 2023 19:17:15 GMT
    Keep-Alive: timeout=60
    Connection: keep-alive
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

- src/main/java
- src/main/resources
- src/test/java
 - features
 - Medicure_Cucumber.feature
 - steps
 - MedicareAPIScenarioTest.java
 - src/test/resource
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- target
- pom.xml

Medicure_Cucumber.feature X MedicareAPIScenarioTest.java

```
1 Feature: To test medicare apis for capstone project
  2 Scenario: Retrieve the list of all products in the store
    3 Given User Enters Medicare base URL and Authorization
      4 When User Enters Medicure_Cucumber.feature
        5 Then User Gets Response from API
          6 Then User Checks Response Status Code is 200
          7 Then User Checks Response Body contains "status": 1
          8 Then User Checks Response Body contains "price": 88
        9 Then User Checks Response Body contains "id": 999
        10 Then User Checks Response Body contains "image": "2.png"
        11 Then User Checks Response Body contains "name": "Disprin"
        12 Then User Checks Response Body contains "category": "medicine"
        13 Then User Checks Response Body contains "brand": "BZ Medico"
        14 Then User Checks Response Body contains "status": 0
        15 Then User Checks Response Body contains "price": 120
        16 Then User Checks Response Body contains "id": 999
        17 Then User Checks Response Body contains "image": "2.png"
        18 Then User Checks Response Body contains "name": "Disprin"
        19 Then User Checks Response Body contains "category": "medicine"
        20 Then User Checks Response Body contains "brand": "BZ Medico"
        21 Then User Checks Response Body contains "status": 1
        22 Then User Checks Response Body contains "price": 100
      23 Given User Enters Medicare base URL and Authorization # steps.MedicareAPIScenarioTest.user_enters_medicare_base_url_and_authorization()
      HTTP/1.1 200
      Content-Type: application/json
      Transfer-Encoding: chunked
      Date: Fri, 22 Dec 2023 19:17:15 GMT
      Keep-Alive: timeout=60
      Connection: keep-alive
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resource
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

src/test/java/features/Medicure_Cucumber.feature X MedicareAPITest.java

1 Feature: To test medicare apis for capstone project
2 Scenario: Retrieve the list of all products in the store
3 Given User Enters Medicare base URL and Authorization

Problems Javadoc Declaration Console X Progress Results of running suite
<terminated> Medicare_Cucumber.feature [Cucumber Feature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]
Date: Fri, 22 Dec 2023 19:17:15 GMT
Keep-Alive: timeout=60
Connection: keep-alive

```
{  
    "code": 101,  
    "message": "13 Products Fetched Successfully.",  
    "products": [  
        {  
            "id": 102,  
            "image": "2.png",  
            "name": "Haardar Safi Natural Blood Purifier Syrup",  
            "category": "Medicine",  
            "brand": "generic",  
            "status": 1,  
            "price": 70  
        },  
        {  
            "id": 103,  
            "image": "3.png",  
            "name": "Organic India Arjuna Cardiac Wellbeing Veg Capsule",  
            "category": "Medicine",  
            "brand": "Pharma Inc.",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 104,  
            "image": "4.png",  
            "name": "Limeco Chewable Tablet Orange",  
            "category": "Medicine",  
            "brand": "Relief Pharmaceuticals",  
            "status": 1,  
            "price": 60  
        },  
        {  
            "id": 105,  
            "image": "5.png",  
            "name": "Dr Willmar Schwabe Germany",  
            "category": "Medicine",  
            "brand": "Nature's Best",  
            "status": 1,  
            "price": 80  
        },  
        {  
            "id": 106,  
            "image": "6.png",  
            "name": "New Serrulen for Fast Headache Relief Tablet",  
            "category": "Medicine",  
            "brand": "MediRelief",  
            "status": 1,  
            "price": 120  
        },  
        {  
            "id": 107,  
            "image": "7.png",  
            "name": "Dabur Aloe Vera Gel",  
            "category": "Medicine",  
            "brand": "Dabur",  
            "status": 1,  
            "price": 150  
        },  
        {  
            "id": 108,  
            "image": "8.png",  
            "name": "Bayer Aspirin 1000mg",  
            "category": "Medicine",  
            "brand": "Bayer",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 109,  
            "image": "9.png",  
            "name": "Himalaya Herbals Skin Nourishing Cream",  
            "category": "Cosmetics",  
            "brand": "Himalaya",  
            "status": 1,  
            "price": 150  
        },  
        {  
            "id": 110,  
            "image": "10.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 111,  
            "image": "11.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 112,  
            "image": "12.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 113,  
            "image": "13.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        }  
    ]  
}
```

Task List X
Outline X
To test medicare apis for capstone project

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resource
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

src/test/java/features/Medicure_Cucumber.feature X MedicareAPITest.java

1 Feature: To test medicare apis for capstone project
2 Scenario: Retrieve the list of all products in the store
3 Given User Enters Medicare base URL and Authorization

Problems Javadoc Declaration Console X Progress Results of running suite
<terminated> Medicare_Cucumber.feature [Cucumber Feature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]
Date: Fri, 22 Dec 2023 19:17:15 GMT
Keep-Alive: timeout=60
Connection: keep-alive

```
{  
    "code": 101,  
    "message": "13 Products Fetched Successfully.",  
    "products": [  
        {  
            "id": 102,  
            "image": "2.png",  
            "name": "Haardar Safi Natural Blood Purifier Syrup",  
            "category": "Medicine",  
            "brand": "generic",  
            "status": 1,  
            "price": 70  
        },  
        {  
            "id": 103,  
            "image": "3.png",  
            "name": "Organic India Arjuna Cardiac Wellbeing Veg Capsule",  
            "category": "Medicine",  
            "brand": "Pharma Inc.",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 104,  
            "image": "4.png",  
            "name": "Limeco Chewable Tablet Orange",  
            "category": "Medicine",  
            "brand": "Relief Pharmaceuticals",  
            "status": 1,  
            "price": 60  
        },  
        {  
            "id": 105,  
            "image": "5.png",  
            "name": "Dr Willmar Schwabe Germany",  
            "category": "Medicine",  
            "brand": "Nature's Best",  
            "status": 1,  
            "price": 80  
        },  
        {  
            "id": 106,  
            "image": "6.png",  
            "name": "New Serrulen for Fast Headache Relief Tablet",  
            "category": "Medicine",  
            "brand": "MediRelief",  
            "status": 1,  
            "price": 120  
        },  
        {  
            "id": 107,  
            "image": "7.png",  
            "name": "Dabur Aloe Vera Gel",  
            "category": "Medicine",  
            "brand": "Dabur",  
            "status": 1,  
            "price": 150  
        },  
        {  
            "id": 108,  
            "image": "8.png",  
            "name": "Bayer Aspirin 1000mg",  
            "category": "Medicine",  
            "brand": "Bayer",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 109,  
            "image": "9.png",  
            "name": "Himalaya Herbals Skin Nourishing Cream",  
            "category": "Cosmetics",  
            "brand": "Himalaya",  
            "status": 1,  
            "price": 150  
        },  
        {  
            "id": 110,  
            "image": "10.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 111,  
            "image": "11.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 112,  
            "image": "12.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        },  
        {  
            "id": 113,  
            "image": "13.png",  
            "name": "Patanjali Kapha Oil",  
            "category": "Cosmetics",  
            "brand": "Patanjali",  
            "status": 1,  
            "price": 100  
        }  
    ]  
}
```

Task List X
Outline X
To test medicare apis for capstone project

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer Medicure_Cucumber [eclipse-workspace master]

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicareAPITest.java
src/test/resource
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicare_Cucumber.feature MedicureAPITest.java

1 Feature: To test medicare apis for capstone project

2 Scenario: Retrieve the list of all products in the store

Given User Enters Medicare base URL and Authorization

Results of running suite

```
10 Features to test medicare apis for capstone project
2 Scenarios to test medicare apis for capstone project
3 Given User Enters Medicare base URL and Authorization
4 Given User Enters Medicare base URL and Authorization
5 Given User Enters Medicare base URL and Authorization
6 Given User Enters Medicare base URL and Authorization
7 Given User Enters Medicare base URL and Authorization
8 Given User Enters Medicare base URL and Authorization
9 Given User Enters Medicare base URL and Authorization
10 Given User Enters Medicare base URL and Authorization
```

1. {
"id": 107,
"image": "7.png",
"name": "Immunity & Wellness Supplement Tablet",
"category": "Medicine",
"brand": "AllerGuard",
"status": 1,
"price": 90
},
{
"id": 108,
"image": "8.png",
"name": "SBL Bio-Combination 6 Tablet",
"category": "Medicine",
"brand": "Clearview",
"status": 1,
"price": 40
},
{
"id": 109,
"image": "9.png",
"name": "Dr. Reckeweg Calcium Phosphoricum",
"category": "Medicine",
"brand": "SafeLife",
"status": 1,
"price": 220
},
{
"id": 110,
"image": "10.png",
"name": "Himalaya Wellness Pure Herbs Arjuna Cardiac",
"category": "Medicine",
"brand": "Himalaya"

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer Medicure_Cucumber [eclipse-workspace master]

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicareAPITest.java
src/test/resource
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicare_Cucumber.feature MedicareAPITest.java

1 Feature: To test medicare apis for capstone project

2 Scenario: Retrieve the list of all products in the store

Given User Enters Medicare base URL and Authorization

Results of running suite

```
10 Features to test medicare apis for capstone project
2 Scenarios to test medicare apis for capstone project
3 Given User Enters Medicare base URL and Authorization
4 Given User Enters Medicare base URL and Authorization
5 Given User Enters Medicare base URL and Authorization
6 Given User Enters Medicare base URL and Authorization
7 Given User Enters Medicare base URL and Authorization
8 Given User Enters Medicare base URL and Authorization
9 Given User Enters Medicare base URL and Authorization
10 Given User Enters Medicare base URL and Authorization
```

1. {
"category": "Medicine",
"brand": "Relief Pharmaceuticals",
"status": 1,
"price": 170
},
{
"id": 111,
"image": "11.png",
"name": "SBL Five Phos Tablet 6X",
"category": "Medicine",
"brand": "Pharma Inc.",
"status": 1,
"price": 515
},
{
"id": 112,
"image": "12.png",
"name": "SBL Nux Vomica Dilution 30 CH",
"category": "Medicine",
"brand": "Relief Pharmaceuticals",
"status": 1,
"price": 88
},
{
"id": 959,
"image": "13.png",
"name": "Diprindine",
"category": "Medicine",
"brand": "BZ Medico",
"status": 0,
"price": 120
}

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

- src/main/java
- src/main/resources
- src/test/java
 - features
 - Medicure_Cucumber.feature
 - steps
 - MedicareAPITest.java
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- src
 - target
 - pom.xml

Medicure_Cucumber.feature X MedicareAPITest.java

```
1@ Feature: To test medicare apis for capstone project
  2@ Scenario: Retrieve the list of all products in the store
    3@ Given User Enters Medicare base URL and Authorization
      4@ When User executes HTTP get method
        # steps.MedicareAPITest.user_executes_http_get_method()
        HTTP/1.1 200
        Content-Type: application/json
        Transfer-Encoding: chunked
        Date: Fri, 22 Dec 2023 19:17:15 GMT
        Keep-Alive: timeout=60
        Connection: keep-alive

        {
          "code": 101,
          "message": "13 Products Fetched Successfully.",
          "products": [
            {
              "id": 999,
              "image": ".png",
              "name": "Disprin",
              "category": "medicine",
              "brand": "B2 Medicos",
              "status": 1,
              "price": 120
            },
            ...
          ]
        }
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

- src/main/java
- src/main/resources
- src/test/java
 - features
 - Medicure_Cucumber.feature
 - steps
 - MedicareAPITest.java
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- src
 - target
 - pom.xml

Medicure_Cucumber.feature X MedicareAPITest.java

```
1@ Feature: To test medicare apis for capstone project
  2@ Scenario: Retrieve the list of all products in the store
    3@ Given User Enters Medicare base URL and Authorization
      4@ When User executes HTTP get method
        # steps.MedicareAPITest.user_executes_http_get_method()
        HTTP/1.1 200
        Content-Type: application/json
        Transfer-Encoding: chunked
        Date: Fri, 22 Dec 2023 19:17:15 GMT
        Keep-Alive: timeout=60
        Connection: keep-alive

        {
          "code": 101,
          "message": "13 Products Fetched Successfully.",
          "products": [
            {
              "id": 102,
              "image": ".png",
              "name": "Hindoor Safi Natural Blood Purifier Syrup",
              "category": "Medicine",
              "brand": "Generic",
              "status": 1,
              "price": 70
            },
            ...
          ]
        },
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicure_Cucumber.feature X MedicureAPITest.java

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicare_TestAssured [eclipse-workspace master]
Medicare_TestNG [eclipse-workspace master]

1 Feature: To test medicare apis for capstone project

2 Scenario: Retrieve the list of all products in the store

Given User Enters Medicare base URL and Authorization

Results of running suite

```
terminated: Medicure_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]
```

```
[{"brand": "Nature's Best", "status": 1, "price": 88}, {"id": 106, "image": "6.png", "name": "New Sardon for Fast Headache Relief Tablet", "category": "Medicine", "brand": "MediRelief", "status": 1, "price": 120}, {"id": 107, "image": "7.png", "name": "Immunity & Wellness Supplement Tablet", "category": "Medicine", "brand": "AllerGuard", "status": 1, "price": 90}, {"id": 108, "image": "8.png", "name": "SBL Bio-Combination 6 Tablet", "category": "Medicine", "brand": "ClearView", "status": 1, "price": 40}, {"id": 109, "image": "9.png", "name": "Dr. Reckeweg Calcareous Phosphorica", "category": "Medicine", "brand": "SafeLife", "status": 1, "price": 220}, {"id": 110, "image": "10.png", "name": "Himalaya Wellness Pure Herbs Amlajiva Cardiac", "category": "Medicine", "brand": "Relief Pharmaceuticals", "status": 1, "price": 170}, {"id": 111, "image": "11.png", "name": "SRILive DHC Tablet 6X", "category": "Medicine", "brand": "Pharma Inc.", "status": 1, "price": 55}
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicure_Cucumber.feature X MedicureAPITest.java

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicare_TestAssured [eclipse-workspace master]
Medicare_TestNG [eclipse-workspace master]

1 Feature: To test medicare apis for capstone project

2 Scenario: Retrieve the list of all products in the store

Given User Enters Medicare base URL and Authorization

Results of running suite

```
terminated: Medicure_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]
```

```
[{"brand": "ClearView", "status": 1, "price": 40}, {"id": 106, "image": "6.png", "name": "New Sardon for Fast Headache Relief Tablet", "category": "Medicine", "brand": "MediRelief", "status": 1, "price": 120}, {"id": 107, "image": "7.png", "name": "Immunity & Wellness Supplement Tablet", "category": "Medicine", "brand": "AllerGuard", "status": 1, "price": 90}, {"id": 108, "image": "8.png", "name": "SBL Bio-Combination 6 Tablet", "category": "Medicine", "brand": "ClearView", "status": 1, "price": 40}, {"id": 109, "image": "9.png", "name": "Dr. Reckeweg Calcareous Phosphorica", "category": "Medicine", "brand": "SafeLife", "status": 1, "price": 220}, {"id": 110, "image": "10.png", "name": "Himalaya Wellness Pure Herbs Amlajiva Cardiac", "category": "Medicine", "brand": "Relief Pharmaceuticals", "status": 1, "price": 170}, {"id": 111, "image": "11.png", "name": "SRILive DHC Tablet 6X", "category": "Medicine", "brand": "Pharma Inc.", "status": 1, "price": 55}
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

- src/main/java
- src/main/resources
- src/test/java
 - features
 - Medicure_Cucumber.feature
 - steps
 - MedicareAPITest.java
 - src/test/resource
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- src
 - target
 - pom.xml

Medicare_TestAssured [eclipse-workspace master]

Medicare_TestNG [eclipse-workspace master]

Medicure_Cucumber.feature X MedicareAPITest.java

```
1 Feature: To test medicare apis for capstone project
  2 Scenario: Retrieve the list of all products in the store
    3 Given User Enters Medicare base URL and Authorization
      4 When User Enters Product ID
      5 Then Validate the response status code # steps.MedicareAPITest.validate_the_response_status_code()

  6 Scenario: Retrieve the list of all registered users
    7 Given User Enters Medicare base URL and Authorization
      8 When User Enters Product ID
      9 Then Validate the response status code # src/test/java/features/Medicure_Cucumber.feature:8
```

Problems Javadoc Declaration Console X Results of running suite

<terminated> Medicare_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]

```
{
  "brand": "Pharma Inc.",
  "status": 1,
  "price": 515
}

{
  "id": 112,
  "image": "12.png",
  "name": "SBL Hux Vomica Dilution 30 CH",
  "category": "Medicine",
  "brand": "Relief Pharmaceuticals",
  "status": 1,
  "price": 68
}

{
  "id": 999,
  "image": "2.png",
  "name": "Disprin",
  "category": "medicine",
  "brand": "B2 Medico",
  "status": 0,
  "price": 120
}

{
  "id": 999,
  "image": ".png",
  "name": "Disprin",
  "category": "medicine",
  "brand": "B2 Medico",
  "status": 1,
  "price": 100
}
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicare_Cucumber [eclipse-workspace master]

- src/main/java
- src/main/resources
- src/test/java
 - features
 - Medicure_Cucumber.feature
 - steps
 - MedicareAPITest.java
 - src/test/resource
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- src
 - target
 - pom.xml

Medicare_TestAssured [eclipse-workspace master]

Medicare_TestNG [eclipse-workspace master]

Medicure_Cucumber.feature X MedicareAPITest.java

```
1 Feature: To test medicare apis for capstone project
  2 Scenario: Retrieve the list of all products in the store
    3 Given User Enters Medicare base URL and Authorization
      4 When User Enters Product ID
      5 Then Validate the response status code # steps.MedicareAPITest.validate_the_response_status_code()

  6 Scenario: Retrieve the list of all registered users
    7 Given User Enters Medicare base URL and Authorization
      8 When User Enters Product ID
      9 Then Validate the response status code # src/test/java/features/Medicure_Cucumber.feature:8
```

Problems Javadoc Declaration Console X Results of running suite

<terminated> Medicare_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]

```
{
  "brand": "B2 Medico",
  "status": 1,
  "price": 100
}

Then Validate the response status code # steps.MedicareAPITest.validate_the_response_status_code()

Scenario: Retrieve the list of all registered users # src/test/java/features/Medicure_Cucumber.feature:8
HTTP/1.1 200
Content-Type: application/json
Transfer-Encoding: chunked
Date: Fri, 22 Dec 2023 19:17:15 GMT
Keep-Alive: timeout=0
Connection: keep-alive

{
  "code": 101,
  "message": "3 Products Fetched Successfully.",
  "products": [
    {
      "id": 162,
      "image": "2.png",
      "name": "Hamdard Sofi Natural Blood Purifier Syrup",
      "category": "Medicine",
      "brand": "Generic",
      "status": 1,
      "price": 70
    },
    {
      "id": 103,
      "image": "12.png",
      "name": "SBL Hux Vomica Dilution 30 CH",
      "category": "Medicine",
      "brand": "Relief Pharmaceuticals",
      "status": 1,
      "price": 68
    }
  ]
}
```

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicure_Cucumber.feature X MedicareAPITest.java

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resource
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicure_Cucumber.feature X MedicareAPITest.java

1 Feature: To test medicare apis for capstone project

2 Scenario: Retrieve the list of all products in the store

Given User Enters Medicare base URL and Authorization

Results of running suite

```
terminated: Medicure_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]
```

```
[{"id": 103, "image": "3.png", "name": "Organic India Arjuna Cardiac wellbeing Veg Capsule", "category": "Medicine", "brand": "Pharma Inc.", "status": 1, "price": 100}, {"id": 104, "image": "4.png", "name": "Lincase Chewable Tablet Orange", "category": "Medicine", "brand": "Relief Pharmaceuticals", "status": 1, "price": 60}, {"id": 105, "image": "5.png", "name": "Dr Willmar Schwabe Germany", "category": "Medicine", "brand": "Nature's Best", "status": 1, "price": 80}, {"id": 106, "image": "6.png", "name": "New Sardion for Fast Headache Relief Tablet", "category": "Medicine", "status": 1, "price": 120}], Then Validate the response status code # steps.MedicareAPITest.validate_the_response_status_code()
```

6 Scenarios (6 passed)
18 Steps (18 passed)
0ms.743s

Capstone Project - Medicare_Cucumber [src/test/java/features/Medicure_Cucumber.feature] - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X Medicure_Cucumber.feature X MedicareAPITest.java

src/main/java
src/main/resources
src/test/java
features
Medicure_Cucumber.feature
steps
MedicureAPITest.java
src/test/resource
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

Medicure_Cucumber.feature X MedicareAPITest.java

1 Feature: To test medicare apis for capstone project

2 Scenario: Retrieve the list of all products in the store

Given User Enters Medicare base URL and Authorization

Results of running suite

```
terminated: Medicure_Cucumber.feature [CucumberFeature] C:\Program Files\Java\jdk-17\bin\javaw.exe (Dec 23, 2023, 12:47:10 AM - 12:47:17 AM) [pid: 21204]
```

```
[{"category": "medicine", "brand": "B2 Medico", "status": 1, "price": 120}, {"id": 999, "image": ".png", "name": "Disprin", "category": "medicine", "brand": "B2 Medico", "status": 1, "price": 100}, {"id": 999, "image": ".png", "name": "Disprin", "category": "medicine", "brand": "B2 Medico", "status": 1, "price": 100}], Then Validate the response status code # steps.MedicareAPITest.validate_the_response_status_code()
```

6 Scenarios (6 passed)
18 Steps (18 passed)
0ms.743s

POSTMAN

The image shows two separate instances of the Postman application window, both displaying the same API request configuration.

Request Configuration:

- Method:** GET
- URL:** <http://localhost:9010/get-products>
- Headers:** (6 items listed)
- Query Params:** (Empty table)
- Body:** (Pretty, Raw, Preview, Visualize, JSON)

Response Preview (Pretty Print):

```
1
2   "code": 101,
3   "message": "14 Products Fetched Successfully.",
4   "products": [
5     {
6       "id": 102,
7       "image": "2.png",
8       "name": "Hendard Safi Natural Blood Purifier Syrup",
9       "category": "Medicine",
10      "brand": "Generic",
11      "status": 1,
12      "price": 70
13    },
14    {
15      "id": 103,
16      "image": "3.png",
17      "name": "Organic India Arjuna Cardiac Wellbeing Veg Capsule",
18      "category": "Medicine",
19      "brand": "Pharma Inc.",
20      "status": 1,
21      "price": 100
22    },
23    {
24      "id": 104,
25      "image": "4.png",
26      "name": "Limeco Chewable Tablet Orange",
27      "category": "Medicine",
28      "brand": "Relief Pharmaceuticals",
29      "status": 1,
30      "price": 60
31    }
32  ]
```

The screenshot shows the Postman application interface. The left sidebar displays a collection named "Phase3-Postman" containing several environments and a history section. The main workspace shows a GET request to "Medicare_POSTMAN / get-products". The "Body" tab is selected, displaying a JSON response with two product items. The response is as follows:

```
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
{
  "status": 1,
  "price": 66
},
{
  "id": 106,
  "image": "5.png",
  "name": "Dr Willmar Schwabe Germany",
  "category": "Medicine",
  "brand": "Nature's Best",
  "status": 1,
  "price": 86
},
{
  "id": 106,
  "image": "6.png",
  "name": "New Sazicon for Fast Headache Relief Tablet"
}
```

This screenshot is identical to the one above, showing the Postman interface with the same collection, environment, and API call. The "Body" tab of the request to "Medicare POSTMAN / get-products" displays the same JSON response with two product items, indicating a successful API call.

The screenshot shows the Postman application interface. On the left, there's a sidebar with 'Collections' (GitHub_API, Medicare_POSTMAN), 'Environments', and 'History'. The main area displays a 'Medicare_POSTMAN / get-products' collection. A 'GET get-products' request is selected, with the URL set to `http://localhost:9010/get-products`. The 'Body' tab is active, showing a JSON response:

```
    "id": 98,
    "image": "8.png",
    "name": "SSL Bio-Combination & Tablet",
    "category": "Medicine",
    "brand": "ClearView",
    "status": 1,
    "price": 48
},
{
    "id": 189,
    "image": "9.png",
    "name": "Dr. Reckeweg Calcarea Phosphorica",
    "category": "Medicine",
    "brand": "Safelife",
    "status": 1,
    "price": 220
},
{
    "id": 119,
    "image": "10.png",
    "name": "Himalaya Wellness Pure Herbs Arjuna Cardiac",
    "category": "Medicine",
    "brand": "Relief Pharmaceuticals",
    "status": 1,
    "price": 170
}
```

This screenshot is identical to the one above, showing the same 'Medicare_POSTMAN / get-products' collection and a 'GET get-products' request to `http://localhost:9010/get-products`. The 'Body' tab displays the same JSON response as the first screenshot.

Phase3-Postman

GET http://localhost:9010/get-products

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
price : 1.00
,
,
{
  "id": 111,
  "image": "11.png",
  "name": "SBL Five Phos Tablet 6X",
  "category": "Medicine",
  "brand": "Pharma Inc.",
  "status": 1,
  "price": 515
},
{
  "id": 112,
  "image": "12.png",
  "name": "SBL Nux Vomica Dilution 30 CH",
  "category": "Medicine",
  "brand": "Relief Pharmaceuticals",
  "status": 1,
  "price": 88
},
{
  "id": 999,
  "image": "2.png",
  "name": "Dinspirin",
  "category": "medicine",
  "brand": "BZ Medico",
  "status": 1,
  "price": 120
},
```

Phase3-Postman

GET http://localhost:9010/get-products

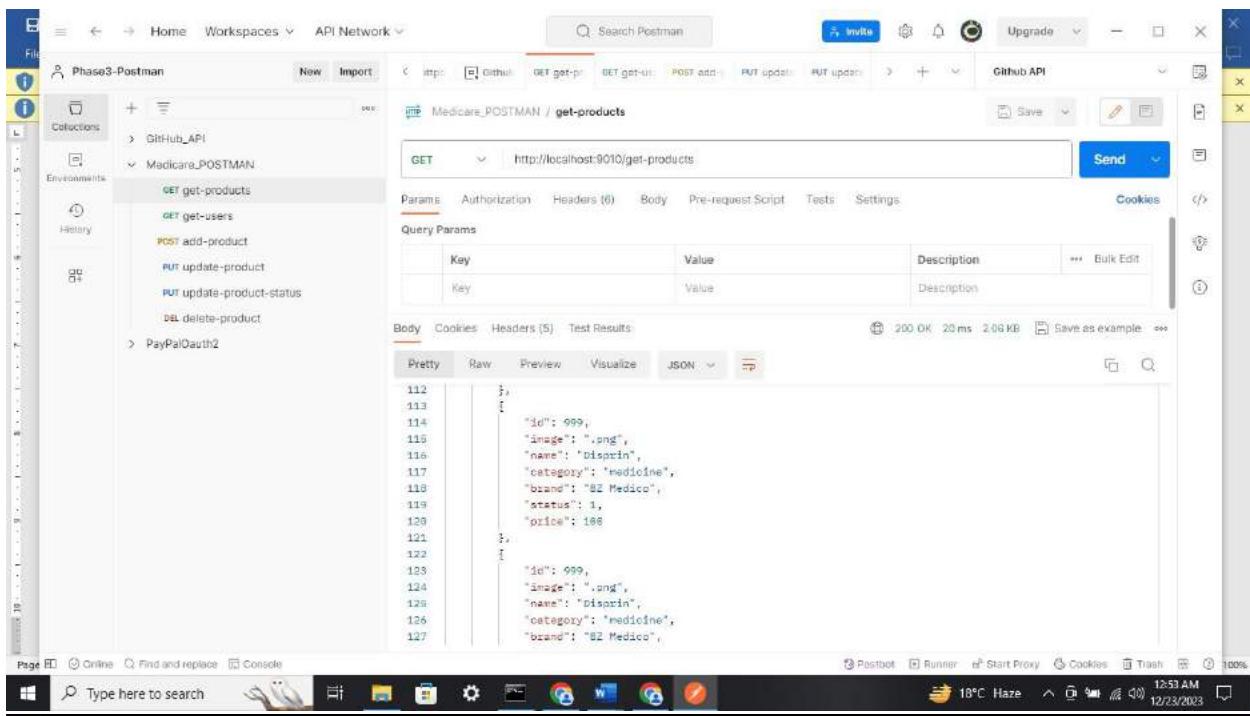
Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Body Cookies Headers (5) Test Results

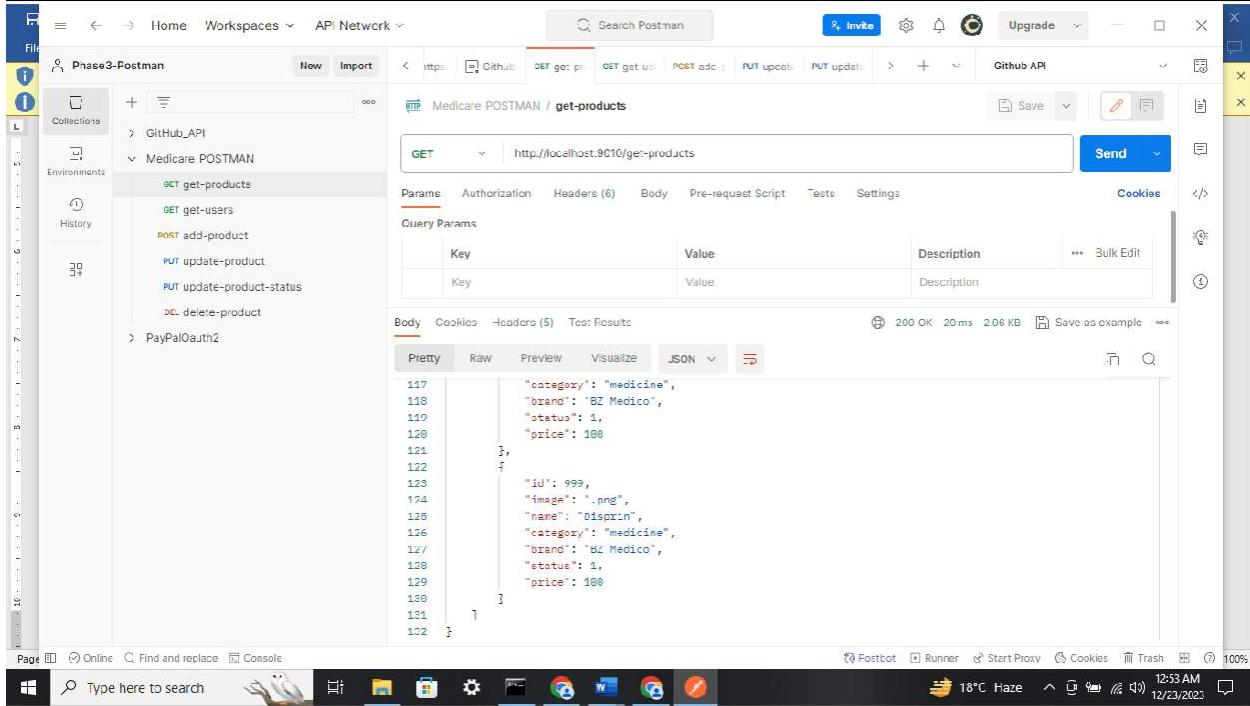
Pretty Raw Preview Visualize JSON

```
name: "SBL Nux Vomica Dilution 30 CH",
category: "Medicine",
brand: "Relief Pharmaceuticals",
status: 1,
price: 88
,
,
{
  "id": 999,
  "image": "2.png",
  "name": "Dinspirin",
  "category": "medicine",
  "brand": "BZ Medico",
  "status": 1,
  "price": 120
},
```



The screenshot shows the Postman application interface. In the left sidebar, there's a 'Collections' section with 'GitHub_API' and 'Medicare_POSTMAN'. Under 'Medicare_POSTMAN', there are several requests: 'GET get-products', 'GET get-users', 'POST add-product', 'PUT update-product', 'PUT update-product-status', and 'DELETE delete-product'. The 'GET get-products' request is selected. The 'Body' tab of the request details shows a JSON response with two items. The response body is:

```
112 [
113   {
114     "id": 999,
115     "image": ".png",
116     "name": "Disprin",
117     "category": "medicine",
118     "brand": "B2 Medico",
119     "status": 1,
120     "price": 100
121   },
122   {
123     "id": 999,
124     "image": ".png",
125     "name": "Disprin",
126     "category": "medicine",
127     "brand": "B2 Medico",
```



This screenshot is identical to the one above it, showing the same Postman interface and the same JSON response from the 'GET get-products' request. The response body is:

```
112 [
113   {
114     "id": 999,
115     "image": ".png",
116     "name": "Disprin",
117     "category": "medicine",
118     "brand": "B2 Medico",
119     "status": 1,
120     "price": 100
121   },
122   {
123     "id": 999,
124     "image": ".png",
125     "name": "Disprin",
126     "category": "medicine",
127     "brand": "B2 Medico",
```

The screenshot shows the Postman application interface. The left sidebar displays a collection named "Phase3-Postman" containing several environments and a "Medicare_POSTMAN" folder with sub-items: "GET get-products", "GET get-users" (which is selected), "POST add-product", "PUT update-product", "PUT update-product-status", and "DELETE delete-product". The main workspace shows a GET request to "http://localhost:9010/get-users". The response status is 200 OK, and the response body is a JSON object representing four users:

```
1
2   "code": 101,
3   "message": "4 Users Fetched Successfully.",
4   "users": [
5     {
6       "name": "Admin",
7       "email": "admin@example.com",
8       "password": "admin123",
9       "type": 1
10    },
11    {
12      "name": "John Watson",
13      "email": "john@example.com",
14      "password": "john123",
15      "type": 0
16    },
17    {
18      "name": "Fionna Flynn",
19      "email": "fionna@example.com",
20      "password": "fionna123",
21      "type": 0
22    },
23    {
24      "name": "Sia Sen",
25      "email": "sia@example.com",
26      "password": "sia123",
27      "type": 0
28    }
29  ]
```

The screenshot shows the Postman application interface, identical to the one above, but with a different JSON response. The response body now contains five users:

```
15
16  },
17  ],
18  {
19    "name": "Fionna Flynn",
20    "email": "fionna@example.com",
21    "password": "fionna123",
22    "type": 0
23  },
24  {
25    "name": "Sia Sen",
26    "email": "sia@example.com",
27    "password": "sia123",
28    "type": 0
29  ]
```

Screenshot of Postman interface showing the GET /get-users endpoint for Medicare_POSTMAN.

Request:

```
GET http://localhost:9010/get-users
```

Query Params:

Key	Value	Description
Key	Value	Description

Body:

```
16  },
17  [
18      "name": "Fionna Flynn",
19      "email": "fionna@example.com",
20      "password": "fionna123",
21      "type": 0
22  ],
23  [
24      "name": "Sia Sen",
25      "email": "sia@example.com",
26      "password": "sia123",
27      "type": 0
28  ]
29 ]
30 }
```

Response:

```
200 OK 11 ms 543 B Save as example
```

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Screenshot of Postman interface showing the POST /add-product endpoint for Medicare_POSTMAN.

Request:

```
POST http://localhost:9010/add-product
```

Body:

Content-Type: application/json

```
1 {
2     "id": 999,
3     "image": "1.png",
4     "name": "Despirin",
5     "category": "medicine",
6     "brand": "BZ Modico",
7     "status": 1,
8     "price": 100
9 }
```

Response:



```
200 OK 11 ms 543 B Save as example
```

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Phase3-Postman

Medicare_POSTMAN / add-product

POST http://localhost:9010/add-product

Body (9)

```
1 {
2   "id": 999,
3   "image": "1.png",
4   "name": "Dispiron",
5   "category": "medicine",
6   "brand": "BZ Medico",
7   "status": 1,
8   "price": 100
9 }
```

200 OK 43 ms 411 B Save as example

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 200,
3   "message": "Dispiron Added Successfully.",
4   "products": [
5     {
6       "id": 999,
7       "image": "1.png",
8       "name": "Dispiron",
9       "category": "medicine",
10      "brand": "BZ Medico",
11      "status": 1,
12      "price": 100
13    }
14  ]
```

Phase3-Postman

Medicare POSTMAN / update-product

PUT http://localhost:9010/update-product

Body (9)

```
1 {
2   "id": 999,
3   "image": "2.png",
4   "name": "Dispiron",
5   "category": "medicine",
6   "brand": "BZ Medico",
7   "status": 1,
8   "price": 120
9 }
```

Response

Click Send to get a response

Postman screenshot showing the 'Medicare_POSTMAN / update-product' request.

Request URL: `http://localhost:9010/update-product`

Method: PUT

Body (JSON):

```
{
  "id": 999,
  "image": "2.png",
  "name": "Dispirin",
  "category": "medicine",
  "brand": "BZ Medico",
  "status": 1,
  "price": 120
}
```

Response:

```
{
  "code": 101,
  "message": "Dispirin Updated Successfully.",
  "product": {
    "id": 999,
    "image": "2.png",
    "name": "Dispirin",
    "category": "medicine",
    "brand": "BZ Medico",
    "status": 1,
    "price": 120
  }
}
```

Postman screenshot showing the 'Medicare POSTMAN / update-product-status' request.

Request URL: `http://localhost:9010/update-product-status`

Method: PUT

Body (JSON):

```
{
  "id": 999,
  "image": "2.png",
  "name": "Dispirin",
  "category": "medicine",
  "brand": "BZ Medico",
  "status": 0,
  "price": 120
}
```

Response:

Click Send to get a response.

Phase3-Postman

Medicare_POSTMAN / update-product-status

PUT http://localhost:9010/update-product-status

Params: Authorization Headers (9) Body Body

Body (Pretty, Raw, Preview, Visualize, JSON)

```
1 {
2   "code": 101,
3   "message": "Dispript+ Status Updated Successfully."
4 }
```

200 OK 13ms 346 B Save as example

Body Cookies (1) Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 101,
3   "message": "Dispript+ Status Updated Successfully."
4 }
```

Phase3-Postman

Medicare POSTMAN / delete-product

DELETE http://localhost:9010/delete-product?id=101

Params: Authorization Headers (7) Body Body

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> id	101	
Key	Value	Description

Response

Click Send to get a response

Screenshot of the Postman application interface showing a DELETE request to delete a product.

The interface includes:

- Header bar with File, Home, Workspaces, API Network, Search Postman, Invite, Upgrade, and various icons.
- Left sidebar with Collections (GitLab API, Medicare_POSIMAN, PayPalOAuth2), Environments, and History.
- Request details:
 - Method: DELETE
 - URL: http://localhost:9010/delete-product?id=101
 - Params tab (selected):
 - id: 101
 - Query Params tab (empty)
 - Headers tab (empty)
 - Body tab (empty)
 - Cookies tab (empty)
 - Tests tab (empty)
 - Settings tab (empty)
- Response preview:
 - Body tab (Pretty):

```
1 "code": 101,  
2   "message": "Product with ID 101 Deleted Successfully."
```
 - Body tab (Raw):

```
{"code": 101, "message": "Product with ID 101 Deleted Successfully."}
```
 - Body tab (JSON):

```
[{"code": 101, "message": "Product with ID 101 Deleted Successfully."}]
```
- Bottom status bar with various icons and system information (12:55 AM, 18°C Haze, 12/23/2023).