

Main Class:

```
package in.swiggy.pages;
import java.time.Duration;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
public class SwiggyMain {
private WebDriver driver;
public SwiggyMain() {
driver = new ChromeDriver();
driver.manage().window().maximize();
driver.get("https://www.swiggy.com/");
}
public void enterDeliveryLocation(String location) {
WebElement enterYourDeliveryLocation =
driver.findElement(By.xpath("//input[@placeholder='Enter your delivery location']"));
enterYourDeliveryLocation.sendKeys(location);
try {
Thread.sleep(2000);
enterYourDeliveryLocation.sendKeys(Keys.ARROW_DOWN);
enterYourDeliveryLocation.sendKeys(Keys.ENTER);
} catch (InterruptedException e) {
e.printStackTrace();
}
}
public void selectRestaurant() {
WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));
WebElement firstRestaurant =
wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("(//img[contains(@alt,'Taj Mahal-Abids')])[1]")));
firstRestaurant.click();
}
public void selectFirstDish() {
WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));
WebElement firstDish =
wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("(//div[contains(@class,'_1RPOp')])[1]")));
firstDish.click();
}
public void addToCart() {
WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));
WebElement addToCartButton =
wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("(//div[contains(@class,'_1RPOp')])[1]")));
// Use JavascriptExecutor to click the "Add to Cart" button directly
JavascriptExecutor jsExecutor = (JavascriptExecutor) driver;
jsExecutor.executeScript("arguments[0].click();", addToCartButton);
try {
Thread.sleep(2000); // Wait for the cart to update
} catch (InterruptedException e) {
}
```

```

e.printStackTrace();
}
}

public void clickCheckout() {
WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));
WebElement cartIcon = 
driver.findElement(By.xpath("//*[@id=\"root\"]/div[1]/header/div/div/ul/li[1]/div/div/div/a/span[2]"));
Actions actions = new Actions(driver);
actions.moveToElement(cartIcon).perform();
WebElement checkoutButton = 
wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//div[contains(@class, '_55uP6')]"))));
checkoutButton.click();
try {
Thread.sleep(2000); // Wait for the page to load
} catch (InterruptedException e) {
e.printStackTrace();
}
}

public void verifyLoginSignUpMessage() {
WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));
WebElement verifyTextElement = 
wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//div[contains(text(), 'To place your order now, log in to your existing account or sign up.')]"))));
if (verifyTextElement.isDisplayed()) {
System.out.println("Verification successful! Text is visible on the next page.");
} else {
System.out.println("Verification failed! Text is not visible on the next page.");
}
}

public void closeBrowser() {
driver.quit();
}

public static void main(String[] args) throws InterruptedException {
SwiggyMain swiggyMain = new SwiggyMain();
swiggyMain.enterDeliveryLocation("Hyderabad");
swiggyMain.selectRestaurant();
swiggyMain.selectFirstDish();
swiggyMain.addToCart();
swiggyMain.clickCheckout();
swiggyMain.verifyLoginSignUpMessage();
swiggyMain.closeBrowser();
}
}

```

Before And After Hooks:

```

package in.swiggy.teststeps;
import io.cucumber.java.After;
import io.cucumber.java.Before;
import org.openqa.selenium.chrome.ChromeDriver;
public class BeforeAfter {
protected static ChromeDriver driver;
@Before
public void setUp() {

```

```
// Initialize WebDriver before each scenario
driver = new ChromeDriver();
driver.manage().window().maximize();
}
@After
public void tearDown() {
// Quit WebDriver after each scenario
if (driver != null) {
driver.quit();
}
}
}
```

Tools:

```
package in.swiggy.teststeps;
import org.openqa.selenium.WebDriver;
public class Tools {
protected static WebDriver driver;
}
```

Test Runner Class:

```
package in.swiggy.teststeps;
import io.cucumber.testng.AbstractTestNGCucumberTests;
import io.cucumber.testng.CucumberOptions;
@CucumberOptions(
features = "Features",
glue = "in.swiggy.teststeps"
//tags = "@TC_101"
)
public class TestRunner extends AbstractTestNGCucumberTests{
}
```

Driver Class:

```
package in.swiggy.teststeps;
import org.openqa.selenium.chrome.ChromeDriver;
import in.swiggy.pages.SwiggyMain;
public class Driver {
protected static ChromeDriver driver;
protected static SwiggyMain swiggyMain;
public static void init() {
driver = new ChromeDriver();
driver.manage().window().maximize();
driver.get("https://www.swiggy.com");
swiggyMain = new SwiggyMain();
}
public static void closeDriver() {
driver.quit();
}
}
```

Test Class:

```
package in.swiggy.teststeps;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.When;
import in.swiggy.pages.SwiggyMain;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Then;
public class SwiggyTestSteps {
    private SwiggyMain swiggyMain;
    @Given("I am on the Swiggy website")
    public void openSwiggyWebsite() {
        swiggyMain = new SwiggyMain();
    }
    @When("I enter my delivery location as {string}")
    public void enterDeliveryLocation(String location) {
        swiggyMain.enterDeliveryLocation(location);
    }
    @And("I select a restaurant")
    public void selectRestaurant() {
        swiggyMain.selectRestaurant();
    }
    @And("I select the first dish available")
    public void selectFirstDish() {
        swiggyMain.selectFirstDish();
    }
    @And("I add the dish to the cart")
    public void addToCart() {
        swiggyMain.addToCart();
    }
    @And("I click on the cart icon to check out")
    public void clickCheckout() {
        swiggyMain.clickCheckout();
    }
    @Then("I should see the message to log in or sign up")
    public void verifyLoginSignUpMessage() {
        swiggyMain.verifyLoginSignUpMessage();
    }
}
```

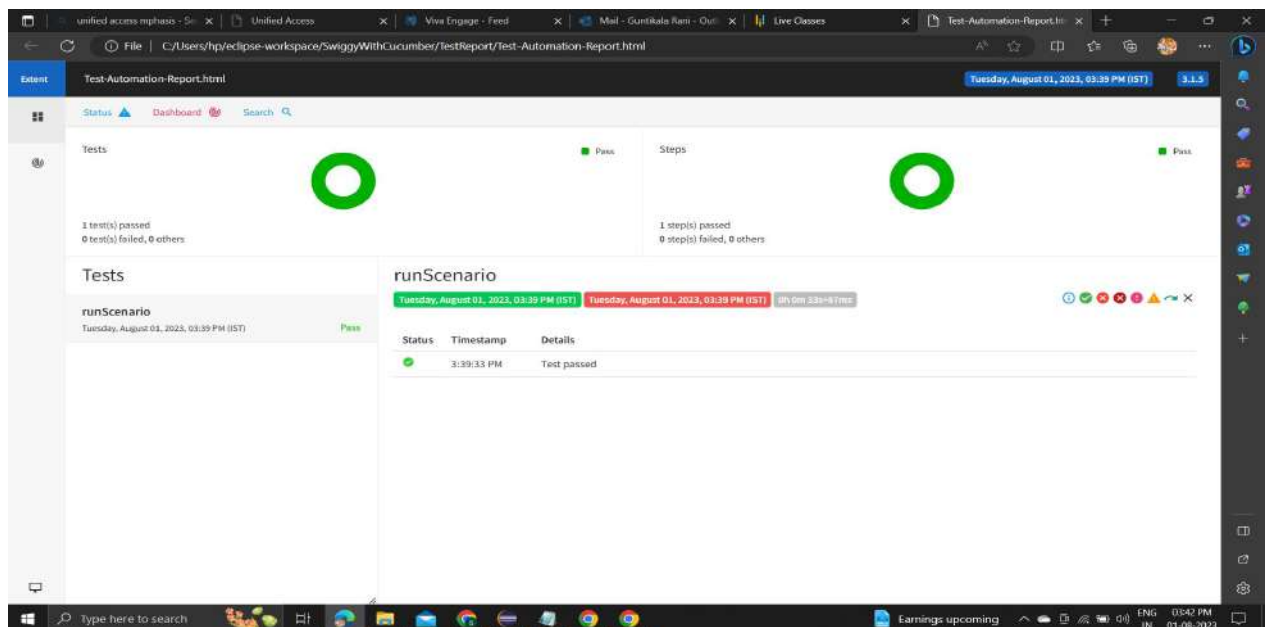
Feature File:

```
Feature: Swiggy Order Placement
@TC-101
Scenario: Place an order on Swiggy
Given I am on the Swiggy website
When I enter my delivery location as "Hyderabad"
And I select a restaurant
And I select the first dish available
And I add the dish to the cart
And I click on the cart icon to check out
Then I should see the message to log in or sign up
```

Testng.xml file:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite">
<listeners>
<listener class-name="com.Listeners.TestListener"></listener>
</listeners>
<test thread-count="5" name="Test">
<classes>
<class name="in.swiggy.teststeps.TestRunner"></class>
</classes>
</test> <!-- Test -->
</suite> <!-- Suite -->
```

Testng Report:



The screenshot displays a web browser window showing a TestNG report. The browser's address bar indicates the file path: `C:/Users/hp/eclipse-workspace/SwiggyWithCucumber/testReport/Test-Automation-Report.html`. The report interface includes a sidebar with 'Status', 'Dashboard', and 'Search' options. The main content area is divided into sections for 'Tests' and 'Steps', both showing a green circle icon and 'Pass' status. The 'Tests' section lists a single test, 'runScenario', which passed on Tuesday, August 01, 2023, at 03:39 PM (IST). The 'Steps' section shows a single step, 'runScenario', which also passed. A table at the bottom provides details for the 'runScenario' test, showing a green status icon, a timestamp of 3:39:33 PM, and the detail 'Test passed'.

Status	Timestamp	Details
Pass	3:39:33 PM	Test passed

Cucumber Report:

The screenshot displays a web browser window with multiple tabs. The active tab is 'Cucumber Reports', showing a report for a file located at `file:///C:/Users/hp/eclipse-workspace/SwiftyWithCucumber/Features/swiggy_food_order.feature`. The report status is '1 PASSED', with '100% passed' and '1 executed' tests. The last run was 'a minute ago' and the duration was '37.11 seconds'. The environment details include 'Windows 10', 'OpenJDK 64-Bit Server VM 17.0.7+7', and 'cucumber-jvm 7.1.0'. A 'Delete Report' button is visible. The footer contains a copyright notice for SmartBear Software and a cookie consent message.

RunningNotes_Phase1_MPhesi... x | Swiggy Automation Test x | Order food online from India's b... x | Cucumber Reports x +

reports.cucumber.io/reports/25c74d35-e89f-4efe-8687-8bc9a7419db0

Gmail YouTube Maps

Cucumber Reports Log in with GitHub

⚠ This report will self-destruct in a day. Keep your future reports forever.

1 PASSED

100% passed 1 executed	a minute ago Last Run	37.11 seconds Duration
Windows 10	OpenJDK 64-Bit Server VM 17.0.7+7	cucumber-jvm 7.1.0

Delete Report

> file:///C:/Users/hp/eclipse-workspace/SwiftyWithCucumber/Features/swiggy_food_order.feature

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Type here to search 33°C Mostly cloudy ENG IN 01-08-2023 01:50 PM