**sFeature code:**

@Regression

Feature: This feature will be used to automate PizzaHut Website

Scenario: This scenario will be used to Place the Order

Given I have launched the application

When I enter the location as "Chennai"

And I select the very first suggestion from the list

Then I should land on the Deals page

And I select the tab as "Pizzas"

And I select the pizza as "Mazedar Makhni Paneer"

Then I should see the pizza is added to the cart

And I click on the Checkout button

Then I should be landed on the secured checkout page

And I enter the personal details

|name| Rajesh Sharma|

|phone| 888888888|

|email| abc@xyz.com|

And I enter the address details

|123 Main Street|

|Some Landmark|

Then I should see three payment options

|Online Payment|

|Paytm|

|Cash|

But I select the payment option as "Cash"

**Base Class Code:**

package stepdefs;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import io.cucumber.java.After;

import io.cucumber.java.Before;

import io.github.bonigarcia.wdm.WebDriverManager;

public class BaseClass {

public static WebDriver driver;

@Before

public void SetUp() {

WebDriverManager.chromedriver().setup();

driver = new ChromeDriver();

//driver.get("https://pizzhut.co.in/");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(10000, TimeUnit.MILLISECONDS);

}

@After

public void TearDown() {

driver.close();

}

}

**Step Definition Code:**

package stepdefs;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import io.cucumber.datatable.DataTable;

import io.cucumber.java.en.And;

import io.cucumber.java.en.But;

import io.cucumber.java.en.Given;

import io.cucumber.java.en.Then;

import io.cucumber.java.en.When;

public class Pizzahutstepdefs {

WebDriver driver = BaseClass.*driver*;

*@Given*("I have launched the application")

public void i\_have\_launched\_the\_application() {

driver.get("https://pizzahut.co.in/");

}

*@When*("I enter the location as {string}")

public void i\_enter\_the\_location\_as(String location) {

WebElement locationtxt = driver.findElement(By.*xpath*("//input[@placeholder='Enter your location for delivery']"));

locationtxt.sendKeys(location);

}

*@And*("I select the very first suggestion from the list")

public void i\_select\_the\_very\_first\_suggestion\_from\_the\_list() {

WebElement locationlst = driver.findElement(By.*xpath*("//\*[contains(text(),'Airport')]"));

locationlst.click();

}

*@Then*("I should land on the Deals page")

public void i\_should\_land\_on\_the\_Deals\_page() {

WebElement DealLink = driver.findElement(By.*xpath*("//a[@data-synth='link--deals--side']//span[text()='Deals']"));

DealLink.isDisplayed();

}

*@And*("I select the tab as {string}")

public void i\_select\_the\_tab\_as(String Pizzas) {

WebElement PizzaLink = driver.findElement(By.*xpath*("//a[@data-synth='link--pizzas--side']//span[text()='"+Pizzas+"']"));

PizzaLink.isDisplayed();

PizzaLink.click();

}

*@And*("I select the pizza as {string}")

public void i\_select\_the\_pizza\_as(String Pizzaname) {

//see the given pizza name

WebElement Pizzaitem = driver.findElement(By.*xpath*("//div[text()='"+Pizzaname+"']"));

Pizzaitem.isDisplayed();

//click add the same pizza

WebElement Addpizzaitem = driver.findElement(By.*xpath*("//div[text()='"+Pizzaname+"']/following::span[text()='Add'][1]"));

Addpizzaitem.click();

}

*@Then*("I should see the pizza is added to the cart")

public void i\_should\_see\_the\_pizza\_is\_added\_to\_the\_cart() {

//able to see the selected pizza name in basket

WebElement Pizzaitemselected = driver.findElement(By.*xpath*("//div[@data-testid='basket-item-product']//div[contains(text(),'Personal Mazedar Makhni Paneer')]"));

Pizzaitemselected.isDisplayed();

}

*@And*("I click on the Checkout button")

public void i\_click\_on\_the\_Checkout\_button() {

//click checkout button

WebElement checkoutbutton= driver.findElement(By.*xpath*("//span[text()='Checkout']"));

checkoutbutton.click();

}

*@Then*("I should be landed on the secured checkout page")

public void i\_should\_be\_landed\_on\_the\_secured\_checkout\_page() {

WebElement checkoutpagetile = driver.findElement(By.*xpath*("//span[text()='Secure Checkout']"));

checkoutpagetile.isDisplayed();

}

*@And*("I enter the personal details")

public void i\_enter\_the\_personal\_details(DataTable persdetails) {

for(int i=0;i<persdetails.height();i++)

{

//dynamic element finding and input

WebElement PersDetail1 = driver.findElement(By.*name*(persdetails.cell(i,0)));

PersDetail1.sendKeys(persdetails.cell(i,1));

}

}

*@And*("I enter the address details")

public void i\_enter\_the\_address\_details(List<String> Addressdetails) {

WebElement AddrDetail1 = driver.findElement(By.*name*("deliveryAddress.interior"));

AddrDetail1.sendKeys(Addressdetails.get(0));

WebElement AddrDetail2 = driver.findElement(By.*name*("deliveryAddress.notes"));

AddrDetail2.sendKeys(Addressdetails.get(1));

}

*@Then*("I should see three payment options")

public void i\_should\_see\_three\_payment\_options(List<String> PaymentOptions) {

for(String value:PaymentOptions)

{

//dynamic element find and check whether present or not

WebElement PaymentOption = driver.findElement(By.*xpath*("//span[text()='"+value+"']"));

PaymentOption.isDisplayed();

}

}

*@But*("I select the payment option as {string}")

public void i\_select\_the\_payment\_option\_as(String PaymentCash) {

WebElement CashpaymentOption = driver.findElement(By.*xpath*("//span[text()='Cash']/preceding::i[2]"));

CashpaymentOption.click();

}

}

Test Runner Code:

package stepdefs;

import org.junit.runner.RunWith;

import io.cucumber.junit.Cucumber;

import io.cucumber.junit.CucumberOptions;

@RunWith(Cucumber.class)

@CucumberOptions(

monochrome=true,

plugin= {"pretty"},

features= "src/test/java/features",

glue="stepdefs",

tags= {"@Regression"}

)

public class TestRunner {

}

POM File:

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.simplilearn</groupId>

<artifactId>pizzahutcucumberproject</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>jar</packaging>

<name>pizzahutcucumberproject</name>

<url>http://maven.apache.org</url>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

</properties>

<dependencies>

<!-- https://mvnrepository.com/artifact/io.cucumber/cucumber-java -->

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-java</artifactId>

<version>5.6.0</version>

</dependency>

<!-- https://mvnrepository.com/artifact/io.cucumber/cucumber-junit -->

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-junit</artifactId>

<version>5.6.0</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>3.141.59</version>

</dependency>

<!-- https://mvnrepository.com/artifact/io.github.bonigarcia/webdrivermanager -->

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>webdrivermanager</artifactId>

<version>5.6.0</version>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

<configuration>

<source>1.8</source>

<target>1.8</target>

</configuration>

</plugin>

</plugins>

</build>

</project>