Feature: Buy Food Online

Scenario: A user must be able to buy a food online

Given user enters the landing page

When he enters location as hyderabad and selects the first option from dropdown

And he clicks first restaurant shown under Top restaurant chains in Hyderabad

And he Clicks on Add button corresponding to first listed dish.

And he Hover over Cart in the top right corner.

And he clciks on Check Out in the sub-menu

Then he verify the text-"To place your order now, log in to your existing account or sign up."

package com.swiggy.pages;

import java.sql.Driver;

import java.time.Duration;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

public class Landingpage {

private WebDriver driver;

private Actions actions;

private WebDriverWait wait;

@FindBy(id ="location")

private WebElement location;

// By location = By.id("location");

@FindBy(xpath="(//span[contains(@class,'W-T')])[1]")

private WebElement autocompleteBox;

public Landingpage(WebDriver driver) {

PageFactory.initElements(driver, this);

actions = new Actions(driver);

wait = new WebDriverWait(driver,Duration.ofSeconds(60));

}

public void enterlocationname(String item) throws InterruptedException {

location.sendKeys(item);

wait.until(ExpectedConditions.visibilityOfAllElements(autocompleteBox));

actions.sendKeys(Keys.ARROW\_DOWN).sendKeys(Keys.ENTER).build().perform();

}

}

package com.swiggy.pages;

import java.time.Duration;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

import org.openqa.selenium.support.ui.WebDriverWait;

public class RestaurantsPage {

private Actions actions;

private WebDriverWait wait;

@FindBy(xpath = "(//div[contains(@class,'fPX')])[1]")

private WebElement restaurant;

// By restaurant = By.xpath("(//div[contains(@class,'fPX')])[1]");

@FindBy(xpath="(//div[contains(@class,'RPO')])[1]")

private WebElement firstDish;

// By firstDish = By.xpath("(//div[contains(@class,'RPO')])[1]");

@FindBy(xpath="//div[contains(@class,'fmV')]")

private WebElement cart;

// By cart = By.xpath("//div[contains(@class,'fmV')]");

@FindBy(xpath="//div[contains(@class,'uP')]")

private WebElement checkout;

// By checkout = By.xpath("//div[contains(@class,'uP')]");

@FindBy(xpath="//div[contains(@class,'axtv')]")

private WebElement text;

// By = By.xpath("//div[contains(@class,'axtv')]");

public RestaurantsPage(WebDriver driver) {

PageFactory.initElements(driver, this);

actions = new Actions(driver);

wait = new WebDriverWait(driver,Duration.ofSeconds(60));

}

public void clickrestaurant() {

restaurant.click();

}

public void firstdish() {

firstDish.click();

}

public void Cart() {

actions.moveToElement(cart).build().perform();

// actions.moveToElement(cart).build().perform();

}

public void checkOut() {

checkout.click();

}

public String getMsg() {

String message = text.getText();

return message;

}

}

package com.swiggy.TestScripts;

import io.cucumber.java.After;

import io.cucumber.java.Before;

import io.cucumber.java.Scenario;

public class BeforeAfter extends Tools {

@Before

public void setUp(Scenario scenario) {

Driver.init();

}

@After

public void tearDown() {

driver.quit();

}

}

package com.swiggy.TestScripts;

import org.testng.Assert;

import io.cucumber.java.en.Given;

import io.cucumber.java.en.Then;

import io.cucumber.java.en.When;

public class BuyFoodOnline extends Driver{

@Given("user enters the landing page")

public void user\_enters\_the\_landing\_page() {

}

@When("he enters location as hyderabad and selects the first option from dropdown")

public void he\_enters\_location\_as\_hyderabad\_and\_selects\_the\_first\_option\_from\_dropdown()throws InterruptedException {

landingPage.enterlocationname("Hyderabad");

}

@When("he clicks first restaurant shown under Top restaurant chains in Hyderabad")

public void he\_clicks\_first\_restaurant\_shown\_under\_top\_restaurant\_chains\_in\_hyderabad() {

restaurantsPage.clickrestaurant();

}

@When("he Clicks on Add button corresponding to first listed dish.")

public void he\_clicks\_on\_add\_button\_corresponding\_to\_first\_listed\_dish() {

restaurantsPage.firstdish();

}

@When("he Hover over Cart in the top right corner.")

public void he\_hover\_over\_cart\_in\_the\_top\_right\_corner() {

restaurantsPage.Cart();

}

@When("he clciks on Check Out in the sub-menu")

public void he\_clciks\_on\_check\_out\_in\_the\_sub\_menu() {

restaurantsPage.checkOut();

}

@Then("he verify the text-{string}")

public void he\_verify\_the\_text(String string) {

String expectedErrMsg = string;

String actualErrMsg = restaurantsPage.getMsg();

Assert.assertEquals(actualErrMsg, expectedErrMsg);

}

}

package com.swiggy.TestScripts;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.chrome.ChromeDriver;

import com.swiggy.pages.Landingpage;

import com.swiggy.pages.RestaurantsPage;

public class Driver extends Tools {

protected static Landingpage landingPage;

protected static RestaurantsPage restaurantsPage;

public static void init() {

driver = new ChromeDriver();

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

driver.get("https://www.swiggy.com/");

driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

landingPage = new Landingpage(driver);

restaurantsPage = new RestaurantsPage(driver);

}

}

package com.swiggy.TestScripts;

import io.cucumber.testng.AbstractTestNGCucumberTests;

import io.cucumber.testng.CucumberOptions;

@CucumberOptions(

features = "Features",

glue = "com.swiggy.TestScripts"

//dryRun = true

//tags = "@product\_purchase or @login\_functionality"

)

public class TestRunner extends AbstractTestNGCucumberTests{

}

**package** com.swiggy.TestScripts;

**import** org.openqa.selenium.WebDriver;

**public** **class** Tools {

**protected** **static** WebDriver *driver*;

}