```
package com.swiggy.pages;

import java.time.Duration;

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 Actions actions;
	private WebDriverWait wait;

	@FindBy(id = "location")
	private WebElement location;

	@FindBy(xpath = "//div[contains(@class,'_1oLDb')]")
	private WebElement resultbox;

	public LandingPage(WebDriver driver) {
		PageFactory.initElements(driver, this);
		actions = new Actions(driver);
		wait = new WebDriverWait(driver,Duration.ofSeconds(60));
	}

	public void selectLocation() {
```

```
		location.sendKeys("Hyderabad");
		wait.until(ExpectedConditions.visibilityOfAllElements(resultbox));
		actions.sendKeys(Keys.ARROW_DOWN).sendKeys(Keys.ENTER).build().perform();
	}


}

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

public class HomePage {

	private WebDriverWait wait;

	@FindBy(xpath = "(//div[contains(@class,'sc-fTFjTM ipnpzf')])[1]")
	private WebElement firstRest;

	public HomePage(WebDriver driver) {
		PageFactory.initElements(driver, this);
		wait = new WebDriverWait(driver,Duration.ofSeconds(60));
	}
```

```
	public void selectFirstRest() {
		wait.until(ExpectedConditions.visibilityOfAllElements(firstRest));
		firstRest.click();
	}

}
```

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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 MenuPage {
	private Actions actions;
	WebDriverWait wait;

	@FindBy(xpath = "(//div[contains(@class,'_3L1X9 _211P0 main_buttonInner__z6Jz0 main_button__3gpqi')])[1]")
	private WebElement firstFood;

	@FindBy(xpath = "//div[contains(@class,'uJZex')]")
	private WebElement contBtn;

	@FindBy(xpath = "//div[contains(@class,'_3coNr')]")
```

```
	private WebElement additem;

	@FindBy(xpath = "(//div[contains(@class,'_2CgXb')])[1]")
	private WebElement cart;

	@FindBy(xpath = "//div[contains(@class,'_55uP6')]")
	private WebElement checkoutBtn;

	public MenuPage(WebDriver driver) {
		PageFactory.initElements(driver, this);
		actions = new Actions(driver);
		wait = new WebDriverWait(driver, Duration.ofSeconds(60));
	}

	public void selectFirstFood() {
		wait.until(ExpectedConditions.visibilityOf(firstFood));
		firstFood.click();
//		contBtn.click();
		wait.until(ExpectedConditions.visibilityOf(additem));
		additem.click();
	}

	public void hoverOverCart() {
		actions.moveToElement(cart).build().perform();
	}
	public void clickCheckout() {
		wait.until(ExpectedConditions.visibilityOf(checkoutBtn));
		checkoutBtn.click();
	}

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

public class CheckoutPage {
	private WebDriverWait wait;

	@FindBy(xpath = "//div[contains(@class,'_2axtv')]")
	private WebElement text;

	public CheckoutPage(WebDriver driver) {
		PageFactory.initElements(driver, this);
		wait = new WebDriverWait(driver, Duration.ofSeconds(60));
	}

	public String getText() {
		wait.until(ExpectedConditions.visibilityOf(text));
		String s = text.getText();
		return s;
	}

}
package com.swiggy.teststeps;
```

```
import org.openqa.selenium.chrome.ChromeDriver;

import com.swiggy.pages.CheckoutPage;
import com.swiggy.pages.HomePage;
import com.swiggy.pages.LandingPage;
import com.swiggy.pages.MenuPage;

public class Driver extends Tools {

	protected static LandingPage landingPage;
	protected static HomePage homePage;
	protected static MenuPage menuPage;
	protected static CheckoutPage checkoutPage;

	public static void init() {
		driver = new ChromeDriver();
		driver.manage().window().maximize();
		driver.get("https://www.swiggy.com/");
		landingPage = new LandingPage(driver);
		homePage = new HomePage(driver);
		menuPage = new MenuPage(driver);
		checkoutPage = new CheckoutPage(driver);
	}
}
package com.swiggy.teststeps;

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.teststeps;

import static org.testng.Assert.assertEquals;
import static org.testng.Assert.assertTrue;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class OrderFoodSteps extends Driver {



	@Given("a user is in the landing page on swiggy")
	public void a_user_is_in_the_landing_page_on_swiggy() {
		assertTrue(driver.getTitle().equals("Order food online from India's best food delivery service. Order from restaurants near you"));
	}
	@When("he select the location")
	public void he_select_the_location() {
	   landingPage.selectLocation();
	}
```

```
	@When("click on the first restaurant shown")
	public void click_on_the_first_restaurant_shown() {
	   homePage.selectFirstRest();
	}
	@When("click on add button")
	public void click_on_add_button() {
	   menuPage.selectFirstFood();
	}
	@When("hover over cart on top right corner")
	public void hover_over_cart_on_top_right_corner() {
	   menuPage.hoverOverCart();
	}
	@When("click on Checkout")
	public void click_on_checkout() {
	   menuPage.clickCheckout();
	}
	@Then("he must be able to order food successfully.")
	public void he_must_be_able_to_order_food_successfully() {
	   String actual = checkoutPage.getText();
	   String expected = "To place your order now, log in to your existing account or sign up.";
	   assertEquals(actual, expected);
	}

}
package com.swiggy.teststeps;

import io.cucumber.testng.AbstractTestNGCucumberTests;
import io.cucumber.testng.CucumberOptions;

@CucumberOptions(
			features = "Features",
```

```
                glue = "com.swiggy.teststeps"
                )

public class TestRunner extends AbstractTestNGCucumberTests {


}
```