

HomePageObjects.java

```
package main.java.pages;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class HomePageObjects {

    WebDriver driver;

    WebDriverWait wait;

    By openPagesMenu = By.xpath("(//a[text()='Pages'])[1]");
    By contctOption = By.xpath("(//li/a[@href='contact.html'])[1]");
    By errorMessage = By.xpath("//div[@class='gm-err-content']");

    public HomePageObjects(WebDriver driver) {
        this.driver = driver;
        this.wait = new WebDriverWait(driver, Duration.ofSeconds(10));
    }

    public void hoverOnPagesMenu() {
```

```
        WebElement menu =
wait.until(ExpectedConditions.visibilityOfElementLocated(openPagesMenu));

        Actions a1 = new Actions(driver);

        a1.moveToElement(menu).build().perform();

    }

    public void clickContact() {

        WebElement contact =
wait.until(ExpectedConditions.visibilityOfElementLocated(contctOption));

        contact.click();

    }

    public void errorMessage() {

        WebElement error =
wait.until(ExpectedConditions.visibilityOfElementLocated(errorMessage));

        System.out.println(error.getText());

    }

}
```

BaseTest.java

```
package test.java.base;

import java.time.Duration;

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

import io.github.bonigarcia.wdm.WebDriverManager;

public class BaseTest {

    public static WebDriver driver;

    public void openBrowser() {
        WebDriverManager.chromedriver().setup();
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.manage().deleteAllCookies();
        driver.manage().timeouts().pageLoadTimeout(Duration.ofSeconds(10));
        driver.get("http://localhost/ecommerce/ATE_PEP2_Testing_Using_TestNG/");
    }

    public void closeBrowser() {
        if(driver != null) {
```

```
        }  
    }  
    driver.quit();  
}
```

HomePageTest.java

```
package test.java.tests;

import org.openqa.selenium.Alert;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

import main.java.pages.HomePageObjects;
import test.java.base.BaseTest;

public class HomePageTest extends BaseTest{

    HomePageObjects hpo;

    @BeforeMethod

    public void setup() {

        openBrowser();

        hpo = new HomePageObjects(driver);

    }

    @Test

    public void homePageTest() {

        hpo.hoverOnPagesMenu();

    }

    //
    wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("(./li/a[@href='contact.html'])[1]")));
```

```

        hpo.clickContact();

        try {

            Alert alert = driver.switchTo().alert();

            System.out.println("Alert message"+ alert.getText());

            alert.accept();

        }catch(Exception e) {

            System.out.println(e);

        }

//
        wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//div[@class='gm-err-content']")));

        hpo.errorMessage();

    }

    @AfterMethod
    public void tearDown() {

        closeBrowser();

    }

}

```

Testng.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd
```

Pom.xml

```
<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>ATE_PEP2_Testing_Using_Selenium_TestNG</groupId>

    <artifactId>ATE_PEP2_Testing_Using_Selenium_TestNG</artifactId>

    <version>0.0.1-SNAPSHOT</version>

    <build>

        <sourceDirectory>src</sourceDirectory>

        <plugins>

            <plugin>

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

                <version>3.13.0</version>

                <configuration>

                    <release>23</release>

                </configuration>

            </plugin>

        </plugins>

    </build>

    <dependencies>

        <!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->
        <dependency>

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

            <artifactId>selenium-java</artifactId>

            <version>4.32.0</version>
```


</dependency>

<!-- https://mvnrepository.com/artifact/org.testng/testng -->

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.11.0</version>

</dependency>

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

<dependency>

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

<artifactId>webdrivermanager</artifactId>

<version>6.1.0</version>

</dependency>

</dependencies>

</project>

Report

All suites

Suite

Info

Results

C:\Users\ASUS\Desktop\course materials\1. simplilearn\Projects\Simplilearn Projects\Course 3 - phase 2 - PizzaHut - Essence - SeleniumProject2\testng.xml

- 1 test
- 0 groups
- Times
- Reporter output
- Ignored methods
- Chronological view

- 1 method, 1 passed
- Passed methods (show)

1 suite

Switch Retro Theme

Test results

<?xml version="1.0" encoding="UTF-8"?><DOCTYPE suite SYSTEM "https://testing.org/testng-1.0.dtd"><suite name="Suite" guice-stage="DEVELOPMENT"><test thread-count="5" name="Test"><classes><class name="main.java.pages.HomePageObjects"/><class name="test.java.base.BaseTest"/><class name="test.java.test.HomePageTest"/></classes></test></suite><!-- Suite --></xml>