

Homepage page object model

The screenshot displays an IDE with two panels. The left panel shows the project structure, and the right panel shows the code for the `Homepage` class.

Project Structure (Left Panel):

- AutomationDevOps
- AutomationProjectCommerce
 - src/main/java
 - com.Demopages
 - Homepage.java
 - IndexPage.java
 - com.DemoTestcase
 - Hometestcase.java
 - Indexcases.java
 - ScreenUtility.java
 - com.Demoutility
 - JRE System Library [JavaSE-17]
 - Maven Dependencies
 - Screenshot
 - src
 - target
 - test-output
 - TestReports
 - TestReport2024.12.25.23.46.47.html
 - TestReport2024.12.26.02.18.59.html
 - TestReport2024.12.26.02.29.16.html
 - TestReport2024.12.26.02.30.38.html
 - TestReport2024.12.26.02.36.10.html
 - TestReport2024.12.26.02.42.25.html
 - TestReport2024.12.26.02.44.44.html
 - TestReport2024.12.26.02.45.59.html
 - TestReport2024.12.26.02.47.06.html
 - TestReport2024.12.26.02.50.21.html
 - TestReport2024.12.26.02.54.55.html
 - TestReport2024.12.26.02.56.39.html
 - crm.xml
 - pom.xml
 - project.xml
 - Screenshotlink1735162005415.png
 - Screenshotlink1735162007888.png

Homepage.java Code (Right Panel):

```
1 package com.Demopages;
2
3 import java.util.List;
4
5 public class Homepage {
6     WebDriver driver;
7     public Homepage(WebDriver driver) {
8         this.driver = driver;
9         PageFactory.initElements(driver, this);
10    }
11    @FindBy(xpath="//*[@id='navbarExample']/ul/li/a")List<WebElement>menu;
12    @FindBy(id="signin2")WebElement sign;
13    @FindBy(id="sign-username")WebElement usern;
14    @FindBy(id="sign-password")WebElement pws;
15    @FindBy(xpath="//*[@id='signInModal']/div/div/div[3]/button[2]")WebElement signup;
16    @FindBy(xpath="//*[@id='signInModal']/div/div/div[3]/button[1]")WebElement close;
17    @FindBy(id="login2")WebElement login;
18    @FindBy(id="loginusername")WebElement userlog;
19    @FindBy(id="loginpassword")WebElement pwslog;
20    @FindBy(xpath="//*[@id='loginModal']/div/div/div[3]/button[2]")WebElement logbtn;
21
22    public int gettotalOption() {
23        return menu.size();
24    }
25    public void nameoptionmenu() {
26        for (WebElement i : menu) {
27            System.out.println("option:"+i.getText());
28        }
29    }
30    public String getAppUrl() {
31        return driver.getCurrentUrl();
32    }
33    public void signlink() {
34        sign.click();
35        ScreenUtility.getScreenshot(driver, "link");
36    }
37
38    public void putsign(String nm,String ps) {
39        usern.sendKeys(nm);
40        pws.sendKeys(ps);
41        signup.click();
42        try {
43            Thread.sleep(1500);
44        } catch (InterruptedException e) {
45            e.printStackTrace();
46        }
47        Alert alt;
48        alt=driver.switchTo().alert();
49        System.out.println("Alert is:"+alt.getText());
50        alt.accept();
51        close.click();
52        ScreenUtility.getScreenshot(driver, "link3");
53    }
54    public void log(String nm,String ps) {
55        login.click();
56        userlog.sendKeys(nm);
57        pwslog.sendKeys(ps);
58        logbtn.click();
59        ScreenUtility.getScreenshot(driver, "link4");
60    }
61 }
```

Home page testcase

The screenshot displays an IDE with two panels. The left panel shows the project structure, and the right panel shows the code for the `Hometestcase` class.

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 - pom.xml
 - project.xml
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Hometestcase.java Code (Right Panel):

```
1 package com.DemoTestcase;
2
3 import org.testng.annotations.Test;
4
5 @Listeners({com.Demoutility.ExtentITestNGListeners.class})
6 public class Hometestcase {
7     public WebDriver driver;
8     Homepage hp;
9
10    @Test(priority=1)
11    public void verifygettotalOption() {
12        int num= hp.gettotalOption();
13        System.out.println("total is:"+num);
14    }
15
16    @Test(priority=2)
17    public void verifymenu() {
18        hp.nameoptionmenu();
19    }
20
21    @Test(priority=3)
22    public void verifyurl() {
23        String actaurl= hp.getAppUrl();
24        System.out.println("Current url is:"+actaurl);
25    }
26
27    @Test(priority=4)
28    public void verifysign() {
29        hp.signlink();
30    }
31 }
```

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```
45 }  
46 @Test(priority=5)  
47 Run | Debug  
48 public void Verifyput()  
49 {  
50     hp.putsign("NamanShrma", "namans12345");  
51 }  
52 @Test(priority=6)  
53 Run | Debug  
54 public void login()  
55 {  
56     hp.log("NamanShrma", "namans12345");  
57 }  
58  
59  
60  
61 @BeforeTest  
62 public void launch()  
63 {  
64  
65     driver=new ChromeDriver() ;  
66     driver.get("https://www.demoblaze.com/");  
67     driver.manage().window().maximize();  
68     driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));  
69     hp=new HomePage(driver);  
70 }  
71  
72 }
```