BaseClass3.java

```
package org.global;

import java.io.File;
import java.io.IOException;

import org.apache.commons.io.FileUtils;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.support.ui.Select;

import io.github.bonigarcia.wdm.WebDriverManager;

public class BaseClass3 {
public static WebDriver driver;

	public void getDriver() {
		WebDriverManager.chromedriver().setup();
		ChromeOptions options = new ChromeOptions();
	options.setBinary("C:\\Program Files\\BraveSoftware\\Brave-Browser\\Application\\brave.exe");
		driver = new ChromeDriver(options);
```

```
	}

	public void getUrl(String url) {
		driver.get(url);

	}

	public void winMax() {
		driver.manage().window().maximize();

}

	public void textSend(WebElement element, String keysToSend) {
		element.sendKeys(keysToSend);

	}

	public void textSendByJS(WebElement element, String keysToSend) {

		JavascriptExecutor js = (JavascriptExecutor) driver;
		js.executeScript("arguments[0].setAttribute('value','" + keysToSend + "')", element);

	}

	public void screenCapture(String name) throws IOException {

		TakesScreenshot ts = (TakesScreenshot) driver;
		File source = ts.getScreenshotAs(OutputType.FILE);
```

```
		File target = new File("C:\\Users\\Admin\\Pictures\\TakesScreenShot\\" + name +
".jpeg");
		FileUtils.copyFile(source, target);

	}

	public void selectByValue(WebElement element, String value) {

		Select s = new Select(element);
		s.selectByValue(value);

	}

	public void selectByVisibleText(WebElement element, String value) {

		Select s = new Select(element);
		s.selectByVisibleText(value);

	}

	public  void signUp() {
		WebElement signUp = driver.findElement(By.xpath("//a[text()=' Signup / Login']"));
		signUp.click();
	}


	public void clickSignUp() {
		WebElement clickSignUp = driver.findElement(By.xpath("//button[text()='Signup']"));
		clickSignUp.click();
```

```
	}

	public void title() {
		WebElement title = driver.findElement(By.xpath("//input[@id='id_gender1']"));
		title.click();
	}
}
```

PageClass3.java

```
package org.pageclass;

import org.global.BaseClass3;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.How;
import org.openqa.selenium.support.PageFactory;

public class PageClass3 extends BaseClass3 {

	public PageClass3() {
		PageFactory.initElements(driver, this);
	}

	@FindBy(how=How.XPATH,using="//input[@name='name']")
```

```
private WebElement name;

public WebElement getName() {
	return name;
}

@FindBy(how=How.XPATH,using="//input[@data-qa='signup-email']")
private WebElement email;

public WebElement getEmail() {
	return email;
}

@FindBy(how=How.XPATH,using="//input[@id='name']")
private WebElement name2;

public WebElement getName2() {
	return name2;
}

@FindBy(how=How.XPATH,using="//a[text()=' Signup / Login']")
private WebElement click;

public WebElement getClick() {
	return click;
}

@FindBy(how=How.XPATH,using="//input[@id='password']")
private WebElement password;
```

```
public WebElement getPassword() {
	return password;
}

@FindBy(how=How.XPATH,using="//select[@id='days']")
private WebElement day;

public WebElement getDay() {
	return day;
}

@FindBy(how=How.XPATH,using="//select[@id='months']")
private WebElement month;

public WebElement getMonth() {
	return month;
}

@FindBy(how=How.XPATH,using="//select[@id='years']")
private WebElement year;

public WebElement getYear() {
	return year;
}

@FindBy(how=How.XPATH,using="//label[@for='newsletter']")
public WebElement signUpReason;
```

```
public WebElement getSignUpReason() {
		return signUpReason;
}

@FindBy(how=How.XPATH,using="//input[@id='first_name']")
private WebElement firstName;

public WebElement getFirstName() {
		return firstName;
}

@FindBy(how=How.XPATH,using="//input[@id='last_name']")
private WebElement lastName;

public WebElement getLastName() {
		return lastName;
}

@FindBy(how=How.XPATH,using="//input[@id='company']")
private WebElement companyName;

public WebElement getCompanyName() {
		return companyName;
}

@FindBy(how=How.XPATH,using="//input[@id='address1']")
private WebElement address1;

public WebElement getAddress1() {
```

```
		return address1;
}

@FindBy(how=How.XPATH,using="//input[@id='address2']")
private WebElement address2;

public WebElement getAddress2() {
		return address2;
}

@FindBy(how=How.XPATH,using="//select[@id='country']")
private WebElement country;

public WebElement getCountry() {
		return country;
}

@FindBy(how=How.XPATH,using="//input[@id='state']")
private WebElement state;

public WebElement getState() {
		return state;
}

@FindBy(how=How.XPATH,using="//input[@id='city']")
private WebElement city;

public WebElement getCity() {
		return city;
```

```
}

@FindBy(how=How.XPATH,using="//input[@id='zipcode']")
private WebElement zipcode;

public WebElement getZipcode() {
	return zipcode;
}

@FindBy(how=How.XPATH,using="//input[@id='mobile_number']")
private WebElement mobileNo;

public WebElement getMobileNo() {
	return mobileNo;
}

@FindBy(how=How.XPATH,using="//button[text()='Create Account']")
private WebElement createAccount;

public WebElement getCreateAccount() {
	return createAccount;
}

@FindBy(how=How.XPATH,using="//a[text()='Continue']")
public WebElement clickContinue;

public WebElement getClickContinue() {
	return clickContinue;
}
```

```
	@FindBy(how=How.XPATH,using="//a[text()=' Delete Account']")
	public WebElement clickDeleteAccount;

	public WebElement getClickDeleteAccount() {
		return clickDeleteAccount;
	}

}
```

Junit.java

```
package org.sample;
import org.global.BaseClass3;
import org.junit.After;
import org.junit.AfterClass;
import org.junit.Before;
import org.junit.BeforeClass;
import org.junit.Test;
import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;
import org.pageclass.PageClass3;

public class Junit extends BaseClass3{
```

```
public static BaseClass3 b;
public static PageClass3 p;

@BeforeClass
public static void launchUrl() {
	try {

		b = new BaseClass3();

		b.getDriver();
		b.getUrl("https://automationexercise.com/");
		b.winMax();

		WebElement validateHomePage = driver.findElement(By.tagName("h1"));
		if(validateHomePage.isDisplayed()) {
			System.out.println("Home page is visible");
		}
	} catch (Exception e) {

	}

}


@Before
public void signUpPage() {
	try {
```

```
                b = new BaseClass3();


                b.signUp();


                WebElement ValidateSignUpPage =
driver.findElement(By.xpath("//h2[text()='New User Signup!']"));
                if(ValidateSignUpPage.isDisplayed()) {
                        System.out.println("New User Sign Up is visible");
                }


                p = new PageClass3();


                WebElement name = p.getName();
                b.textSendByJS(name, "Greens");


                WebElement email = p.getEmail();
                b.textSendByJS(email, "grens2024@gmail.com");


                b.clickSignUp();
        } catch (Exception e) {


        }


}



@Test
public void signUpDetails() {
        try {
```

```
b = new BaseClass3();

WebElement validateNewUserSignUp =
driver.findElement(By.xpath("//b[text()='Enter Account Information']"));
if(validateNewUserSignUp.isDisplayed()) {
        System.out.println("Enter Account Information Page is Visible");
}

b.title();

p = new PageClass3();

WebElement name2 = p.getName2();
b.textSendByJS(name2, "abc");

WebElement password = p.getPassword();
b.textSendByJS(password, "rytyf");

WebElement day = p.getDay();
b.selectByVisibleText(day, "17");

WebElement month = p.getMonth();
b.selectByValue(month, "4");

WebElement year = p.getYear();
b.selectByVisibleText(year, "2009");

WebElement signUpReason = p.getSignUpReason();
```

```
signUpReason.click();

WebElement firstName = p.getFirstName();
b.textSendByJS(firstName, "Surya");

WebElement lastName = p.getLastName();
b.textSendByJS(lastName, "R");

WebElement companyName = p.getCompanyName();
b.textSendByJS(companyName, "Greens");

WebElement address1 = p.getAddress1();
b.textSendByJS(address1, "velachery");

WebElement address2 = p.getAddress2();
b.textSendByJS(address2, "Chennai");

WebElement country = p.getCountry();
b.selectByValue(country, "India");

WebElement state = p.getState();
b.textSendByJS(state, "Tamil Nadu");

WebElement city = p.getCity();
b.textSendByJS(city, "Chennai");

WebElement zipcode = p.getZipcode();
b.textSendByJS(zipcode, "646473");
```

```
                WebElement mobileNo = p.getMobileNo();
                b.textSendByJS(mobileNo, "9634327364");

                WebElement createAccount = p.getCreateAccount();
                createAccount.click();

            } catch (Exception e) {

            }

        }


        @After
        public void validateAccountCreation() {
            try {

                p = new PageClass3();

                WebElement validateCreatedAccount =
driver.findElement(By.xpath("//b[text()='Account Created!']"));
                if(validateCreatedAccount.getText().equals("")) {
                    System.out.println("The Account is Successfully created");
                }

                WebElement clickContinue = p.getClickContinue();
                clickContinue.click();
```

```
                    WebElement validateLoginUsername = driver.findElement(By.xpath("//a[text()='
Logged in as ']"));
                    if(validateLoginUsername.isDisplayed()) {
                        System.out.println("The Webpage logged in by username is visible");
                    }

                } catch (Exception e) {

                }

        }


        @AfterClass
        public static void deleteAccount() {
            try {

                    p = new PageClass3();

                    WebElement clickDeleteAccount = p.getClickDeleteAccount();
                    clickDeleteAccount.click();

                    WebElement validateDeletedAccount =
driver.findElement(By.xpath("//b[text()='Account Deleted!']"));
                    if(validateDeletedAccount.isDisplayed()) {
                        System.out.println("The Account is Deleted");
                    }

                    WebElement clickContinue2 = p.getClickContinue();
```

```
                        clickContinue2.click();


                } catch (Exception e) {


                }


        }



}
```

Junit2.java

```
package org.sample;

import org.global.BaseClass3;
import org.junit.Before;
import org.junit.BeforeClass;
import org.junit.Test;
import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;
import org.pageclass.PageClass3;

public class Junit2 extends BaseClass3{

        public static BaseClass3 b;
        public static PageClass3 p;

        @BeforeClass
        public static void launchUrl() {
                try {

                        b = new BaseClass3();

                        b.getDriver2();
                        b.getUrl("https://automationexercise.com/");
                        b.winMax();

                        WebElement validateHomePage =
driver.findElement(By.tagName("h1"));
                        if(validateHomePage.isDisplayed()) {
```

```
                        System.out.println("Home page is visible");
                }
        } catch (Exception e) {

        }

}


@Before
public void signUpPage() {
        try {

                b = new BaseClass3();

                b.signUp();

                WebElement ValidateSignUpPage =
driver.findElement(By.xpath("//h2[text()='New User Signup!']"));
                if(ValidateSignUpPage.isDisplayed()) {
                        System.out.println("New User Sign Up is visible");
                }

                p = new PageClass3();

                WebElement name = p.getName();
                b.textSendByJS(name, "Greens");

                WebElement email = p.getEmail();
                b.textSendByJS(email, "grens2024@gmail.com");

                b.clickSignUp();
        } catch (Exception e) {

        }

}


@Test
public void signUpDetails() {
        try {

                b = new BaseClass3();

                WebElement validateNewUserSignUp =
driver.findElement(By.xpath("//b[text()='Enter Account Information']"));
                if(validateNewUserSignUp.isDisplayed()) {
                        System.out.println("Enter Account Information Page is
Visible");
                }

                b.title();

                p = new PageClass3();
```

```
            WebElement name2 = p.getName2();
            b.textSendByJS(name2, "abc");

            WebElement password = p.getPassword();
            b.textSendByJS(password, "rytyf");

            WebElement day = p.getDay();
            b.selectByVisibleText(day, "17");

            WebElement month = p.getMonth();
            b.selectByValue(month, "4");

            WebElement year = p.getYear();
            b.selectByVisibleText(year, "2009");

            WebElement signUpReason = p.getSignUpReason();
            signUpReason.click();

            WebElement firstName = p.getFirstName();
            b.textSendByJS(firstName, "Surya");

            WebElement lastName = p.getLastName();
            b.textSendByJS(lastName, "R");

            WebElement companyName = p.getCompanyName();
            b.textSendByJS(companyName, "Greens");

            WebElement address1 = p.getAddress1();
            b.textSendByJS(address1, "velachery");

            WebElement address2 = p.getAddress2();
            b.textSendByJS(address2, "Chennai");

            WebElement country = p.getCountry();
            b.selectByValue(country, "India");

            WebElement state = p.getState();
            b.textSendByJS(state, "Tamil Nadu");

            WebElement city = p.getCity();
            b.textSendByJS(city, "Chennai");

            WebElement zipcode = p.getZipcode();
            b.textSendByJS(zipcode, "646473");

            WebElement mobileNo = p.getMobileNo();
            b.textSendByJS(mobileNo, "9634327364");


        } catch (Exception e) {

        }

}
```

```
}
```

TestRunnerClass.java

```
package org.runner;

import org.sample.Junit;
import org.junit.runner.RunWith;
import org.junit.runners.Suite;
import org.junit.runners.Suite.SuiteClasses;
import org.sample.Junit2;

@RunWith(Suite.class)
@SuiteClasses({Junit.class, Junit2.class})
public class TestRunnerClass {

}
```

ResultClass.java

```
package org.runner;

import java.util.List;

import org.junit.runner.Description;
import org.junit.runner.JUnitCore;
import org.junit.runner.Result;
import org.junit.runner.notification.Failure;

public class ResultClass {

	public static void main(String[] args) {

		Result runClasses = JUnitCore.runClasses(TestRunnerClass.class);
		boolean wasSuccessful = runClasses.wasSuccessful();

		if(wasSuccessful) {
			System.out.println("The TestRunnerClass is executed
Successfully");
		}

		int failureCount = runClasses.getFailureCount();
		System.out.println("The Failure Count is "+failureCount);
```

```
            int ignoreCount = runClasses.getIgnoreCount();
            System.out.println("Ignore Count is "+ignoreCount);

            int runCount = runClasses.getRunCount();
            System.out.println("Run Count is "+runCount);

            long runTime = runClasses.getRunTime();
            System.out.println("Run Time is "+runTime);

            List<Failure> failures = runClasses.getFailures();

            int size = failures.size();
            System.out.println(size);

            for (Failure failure : failures) {

                  Description description = failure.getDescription();
                  String string = description.toString();
                  System.out.println("Description "+string);

                  Throwable exception = failure.getException();
                  String string2 = exception.toString();
                  System.out.println("Exception "+string2);

                  String message = failure.getMessage();
                  System.out.println("Error Message "+message);

                  String trace = failure.getTrace();
                  System.out.println("Trace "+trace);


            }



      }

}
```