**SBA 5: Testing with Cucumber Selenium and TestNG**

[Register: Mercury Tours (guru99.com)](https://demo.guru99.com/test/newtours/register.php)

**GROUP- 4**

pom.xml

<projectxmlns=*"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 https://maven.apache.org/xsd/maven-4.0.0.xsd"*>

<modelVersion>4.0.0</modelVersion>

<groupId>CucumberTestNG</groupId>

<artifactId>CucumberTestNG</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-java</artifactId>

<version>7.0.0</version>

</dependency>

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-testng</artifactId>

<version>7.0.0</version>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.4.0</version>

<scope>test</scope>

</dependency>

<dependency>

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

<artifactId>selenium-api</artifactId>

<version>3.4.0</version>

<scope>test</scope>

</dependency>

<dependency>

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

<artifactId>selenium-ie-driver</artifactId>

<version>3.4.0</version>

<scope>test</scope>

</dependency>

<dependency>

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

<artifactId>selenium-chrome-driver</artifactId>

<version>3.4.0</version>

</dependency>

</dependencies>

</project>

Features:

MercuryTours.features

Feature: This test the MercuryTours website

Scenario: Test the MercuryTours register page

Given the user opens the browser

When the user navigates to MercuryTours register page

Then the user enters lands on the page

Text File

packageStepDefenition;

importorg.openqa.selenium.By;

importorg.openqa.selenium.WebDriver;

importorg.openqa.selenium.chrome.ChromeDriver;

importio.cucumber.java.en.Given;

importio.cucumber.java.en.Then;

importio.cucumber.java.en.When;

importorg.openqa.selenium.JavascriptExecutor;

importorg.openqa.selenium.WebElement;

importorg.openqa.selenium.support.ui.Select;

importorg.testng.Assert;

public class Step {

WebDriver d = null;

@Given("the user opens the browser")

public void the\_user\_opens\_the\_browser() {

System.setProperty("webdriver.chrome.driver","C:\\Users\\ustjavasdetb419\\Downloads\\chromedriver\_win32\\chromedriver.exe");

d = new ChromeDriver();

// Write code here that turns the phrase above into concrete actions

}

@When("the user navigates to MercuryTours register page")

public void the\_user\_navigates\_to\_mercury\_tours\_register\_page() {

d.get("http://demo.guru99.com/test/newtours/register.php");

d.getTitle().contains("Tours");

// Write code here that turns the phrase above into concrete actions

}

@Then("the user enters lands on the page")

public void the\_user\_enters\_lands\_on\_the\_page() {

d.findElement(By.name("firstName")).sendKeys("Naveen");

d.findElement(By.name("lastName")).sendKeys("K");

d.findElement(By.name("phone")).sendKeys("8079683120");

d.findElement(By.name("userName")).sendKeys("naveenktest@123.com");

d.findElement(By.name("address1")).sendKeys("abcdefg");

d.findElement(By.name("city")).sendKeys("Kochi");

d.findElement(By.name("state")).sendKeys("Kerala");

d.findElement(By.name("postalCode")).sendKeys("680555");

Select dropdown = new Select(d.findElement(By.name("country")));

dropdown.selectByVisibleText("INDIA");

boolean flag= d.findElement(By.xpath("//img[@src='/logo.png']")).isDisplayed();

Assert.assertTrue(flag);

d.findElement(By.name("email")).sendKeys("naveenk");

d.findElement(By.name("password")).sendKeys("test@123");

d.findElement(By.name("confirmPassword")).sendKeys("test@123");

WebElementsubmitBtn = d.findElement(By.xpath("//input[@name='submit']"));

JavascriptExecutorjs= (JavascriptExecutor)d;

js.executeScript("arguments[0].click();", submitBtn);

WebElementsignonBtn = d.findElement(By.xpath("//a[@href='login.php']"));

JavascriptExecutor js2= (JavascriptExecutor)d;

js2.executeScript("arguments[0].click();", signonBtn);

}

}

Runner File

**package**StepsDefenition;

**import**io.cucumber.testng.AbstractTestNGCucumberTests;

**import**io.cucumber.testng.CucumberOptions;

@CucumberOptions(features="src/test/resources/Features/MercuryTours.feature",glue= {"StepsDefenition"},

monochrome=**true**)

**publicclass**StepRunner**extends**AbstractTestNGCucumberTests {

}

Scenario 1:



Scenario 2:



Scenario 3:



Scenario 4:



Scenario 5:



Scenario 6:



Scenario 7:



