**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

<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 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

package StepDefenition;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import io.cucumber.java.en.Given;

import io.cucumber.java.en.Then;

import io.cucumber.java.en.When;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.ui.Select;

import org.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");

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

JavascriptExecutor js= (JavascriptExecutor)d;

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

WebElement signonBtn = 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**)

**public** **class** StepRunner **extends** AbstractTestNGCucumberTests {

}

Scenario 1:



Scenario 2:



Scenario 3:



Scenario 4:



Scenario 5:



Scenario 6:



Scenario 7:



