**pom.xml**

<?xml version="1.0" encoding="UTF-8"?>

<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>com.demo</groupId>

<artifactId>UserRegBDD</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>jar</packaging>

<properties>

<maven.compiler.source>1.8</maven.compiler.source>

<maven.compiler.target>1.8</maven.compiler.target>

</properties>

<dependencies>

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-java</artifactId>

<version>7.11.0</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-junit</artifactId>

<version>7.11.0</version>

<scope>test</scope>

</dependency>

<dependency>

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

<artifactId>selenium-java</artifactId>

<version>4.8.3</version>

</dependency>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.2</version>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<!-- so that Eclipse / mvn test picks up Cucumber tests -->

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-plugin</artifactId>

<version>3.0.0-M7</version>

<configuration>

<includes>

<include>\*\*/TestRunner.java</include>

</includes>

</configuration>

</plugin>

</plugins>

</build>

</project>

**UserRegistration.feature**

Feature: User Registration

Scenario: Successful registration with valid data

Given I open the registration page

When I enter valid user details

And I submit the form

Then I should see a confirmation message

**RegistrationSteps.java**

package stepdefs;

import io.cucumber.java.After;

import io.cucumber.java.Before;

import io.cucumber.java.en.\*;

import org.junit.Assert;

import org.openqa.selenium.\*;

import org.openqa.selenium.chrome.ChromeDriver;

public class RegistrationSteps {

WebDriver driver;

*@Before*

public void setup() {

System.*setProperty*("webdriver.chrome.driver","C:/tools/chromedriver/chromedriver.exe");

driver = new ChromeDriver();

}

*@Given*("I open the registration page")

public void openPage() {

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

}

*@When*("I enter valid user details")

public void enterDetails() {

driver.findElement(By.*name*("firstName")).sendKeys("John");

driver.findElement(By.*name*("lastName")).sendKeys("Doe");

driver.findElement(By.*name*("phone")).sendKeys("1234567890");

driver.findElement(By.*name*("userName")).sendKeys("john.doe@example.com");

driver.findElement(By.*name*("email")).sendKeys("johnuser");

driver.findElement(By.*name*("password")).sendKeys("Password123");

driver.findElement(By.*name*("confirmPassword")).sendKeys("Password123");

}

*@And*("I submit the form")

public void submitForm() {

driver.findElement(By.*name*("submit")).click();

}

*@Then*("I should see a confirmation message")

public void checkConfirmation() {

String pageText = driver.getPageSource();

Assert.*assertTrue*(pageText.contains("Thank you for registering"));

}

*@After*

public void teardown() {

driver.quit();

}

}

**TestRunner.java**

package testrunner;

import org.junit.runner.RunWith;

import io.cucumber.junit.Cucumber;

import io.cucumber.junit.CucumberOptions;

*@RunWith*(Cucumber.class)

*@CucumberOptions*(

features = "src/test/resources/features",

glue = "stepdefs",

plugin = {"pretty","html:target/cucumber-report.html"}

)

public class TestRunner { }

**OUTPUTS**



