pom.xml

```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>
```

```xml
      </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

```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");
```

```java
    }

    @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

```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

GURU99
Demo Site

Zoho BugTracker

Selenium ▾   Insurance Project   Agile Project   Bank Project   Security Project

Telecom Project   Payment Gateway Project   New Tours   SEO ▾

one cool summer ARUBA

SIGN-OFF | REGISTER | SUPPORT | CONTACT

Home
Flights
Hotels
Car Rentals
Cruises
Destinations
Vacations

REGISTER

Dear John Doe,

Thank you for registering. You may now sign-in using the user name and password you've just entered.

Note: Your user name is johnuser.

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HTML VERSION
Use Java Version

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