**Automate a Web Application**

**test.java**

**package** TestNG;

**import** org.testng.annotations.Test;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.By.ByClassName;

**import** org.openqa.selenium.By.ById;

**import** org.openqa.selenium.By.ByName;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.testng.annotations.Test;

**import** io.github.bonigarcia.wdm.WebDriverManager;

**public** **class** test {

String driverPath="C:\\javafsd\\chromedriver\_win32/chromedriver.exe";

**public** WebDriver wd;

//test case is pass without any assert-by checking the flow

@Test(priority = 1)

**public** **void** register() {

// WebDriverManager.chromedriver().setup();

// WebDriver wd=new ChromeDriver();

System.*setProperty*("webdriver.chrome.driver",

"C:\\javafsd\\chromedriver\_win32/chromedriver.exe");

wd = **new** ChromeDriver();

wd.manage().window().maximize();

wd.get("https://www.amazon.in/");

wd.findElement(By.*id*("nav-link-accountList")).click();

wd.findElement(By.*id*("createAccountSubmit")).click();

wd.findElement(By.*id*("ap\_customer\_name")).sendKeys("ABCDEF");

wd.findElement(By.*id*("ap\_phone\_number")).sendKeys("1234567890");

wd.findElement(By.*id*("ap\_email")).sendKeys("ABCDEF@gmail.com");

wd.findElement(By.*id*("ap\_password")).sendKeys("12345678");

// wd.findElement(By.id("ap\_password\_check")).sendKeys("12345678");

wd.findElement(By.*id*("continue")).click();

}

@Test(priority = 2)

**public** **void** login() {

//WebDriverManager.chromedriver().setup();

// WebDriver wd=new ChromeDriver();

System.*setProperty*("webdriver.chrome.driver",

"C:\\javafsd\\chromedriver\_win32/chromedriver.exe");

wd = **new** ChromeDriver();

wd.manage().window().maximize();

wd.get("https://www.amazon.in/");

wd.findElement(By.*id*("nav-link-accountList")).click();

wd.findElement(By.*id*("ap\_email")).sendKeys("ABCDEF@gmail.com");

wd.findElement(By.*id*("continue")).click();

wd.findElement(By.*id*("ap\_password")).sendKeys("12345678");

}

@Test(priority = 3)

**public** **void** search() **throws** InterruptedException {

//WebDriverManager.chromedriver().setup();

// WebDriver wd=new ChromeDriver();

System.*setProperty*("webdriver.chrome.driver",

"C:\\javafsd\\chromedriver\_win32/chromedriver.exe");

wd = **new** ChromeDriver();

wd.get("https://www.amazon.in/");

System.***out***.println(wd.getTitle());

System.***out***.println(wd.getCurrentUrl());

wd.findElement(By.*id*("twotabsearchtextbox")).sendKeys("oneplus buds");

Thread.*sleep*(5000);

wd.findElement(By.*id*("nav-search-submit-button")).submit();

wd.findElement(By.*linkText*("OnePlus Nord Buds True Wireless in Ear Earbuds with Mic, 12.4mm Titanium Drivers, Playback:Up to 30hr case, 4-Mic Design + AI Noise Cancellation, IP55 Rating, Fast Charging (Black Slate)")).click();

// wd.findElement(By.name("submit.add-to-cart")).click();

}

}

**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>testing</groupId>

<artifactId>AutomateWebUsingTestng</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>war</packaging>

<name>AutomateWebUsingTestng Maven Webapp</name>

<!-- FIXME change it to the project's website -->

<url>http://www.example.com</url>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<maven.compiler.source>1.7</maven.compiler.source>

<maven.compiler.target>1.7</maven.compiler.target>

</properties>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.11</version>

<scope>test</scope>

</dependency>

<dependency>

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

<artifactId>selenium-java</artifactId>

<version>4.4.0</version>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.0.0</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>commons-io</groupId>

<artifactId>commons-io</artifactId>

<version>2.6</version>

</dependency>

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>webdrivermanager</artifactId>

<version>3.8.1</version>

</dependency>

</dependencies>

<build>

<finalName>AutomateWebUsingTestng</finalName>

<pluginManagement><!-- lock down plugins versions to avoid using Maven defaults (may be moved to parent pom) -->

<plugins>

<plugin>

<artifactId>maven-clean-plugin</artifactId>

<version>3.1.0</version>

</plugin>

<!-- see http://maven.apache.org/ref/current/maven-core/default-bindings.html#Plugin\_bindings\_for\_war\_packaging -->

<plugin>

<artifactId>maven-resources-plugin</artifactId>

<version>3.0.2</version>

</plugin>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

</plugin>

<plugin>

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

<version>2.22.1</version>

</plugin>

<plugin>

<artifactId>maven-war-plugin</artifactId>

<version>3.2.2</version>

</plugin>

<plugin>

<artifactId>maven-install-plugin</artifactId>

<version>2.5.2</version>

</plugin>

<plugin>

<artifactId>maven-deploy-plugin</artifactId>

<version>2.8.2</version>

</plugin>

</plugins>

</pluginManagement>

</build>

</project>

**testing suite**

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

<suite parallel="false" name="Suite">

<test name="Test">

<classes>

<class name="TestNG.test"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->