**Automate the Web Application**

**Source Code :-**

**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>com</groupId>

<artifactId>TestApp</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!--

https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->

<dependency>

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

<artifactId>selenium-java</artifactId>

<version>4.10.0</version>

</dependency>

<!--

https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-chrome-driver -->

<dependency>

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

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

<version>4.10.0</version>

</dependency>

<!--

https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-firefox-driver -->

<dependency>

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

<artifactId>selenium-firefox-driver</artifactId>

<version>4.10.0</version>

</dependency>

<!--Testng-->

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.8.0</version>

<scope>compile</scope>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

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

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

<configuration>

<source>1.8</source>

<target>1.8</target>

</configuration>

</plugin>

<plugin>

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

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

<configuration>

<suiteXmlFiles>

<suiteXmlFile>testng.xml</suiteXmlFile>

</suiteXmlFiles>

</configuration>

</plugin>

</plugins>

</build>

</project>

**AppTest.java :-**

**package** test;

**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;

**public** **class** AppTest {

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

@Test(priority = 1)

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

WebDriver 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("Pullimaddi Revanth");

wd.findElement(By.*id*("ap\_phone\_number")).sendKeys("7896541233");

wd.findElement(By.*id*("ap\_email")).sendKeys("revanth123@gmail.com");

wd.findElement(By.*id*("ap\_password")).sendKeys("revanthp@1232");

Thread.*sleep*(3000);

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

}

@Test(priority = 2)

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

WebDriver 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("revanth123@gmail.com");

Thread.*sleep*(3000);

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

wd.findElement(By.*id*("ap\_password")).sendKeys("revanthp@123");

}

@Test(priority = 3)

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

WebDriver wd=**new** ChromeDriver();

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

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

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

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

wd.findElement(By.*id*("twotabsearchtextbox")).sendKeys("Samsung mobiles");

Thread.*sleep*(3000);

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

Thread.*sleep*(3000);

wd.findElement(By.*linkText*("Samsung Galaxy M34 5G (Prism Silver, 8GB, 128GB Storage) | 120Hz sAMOLED Display | 50MP Triple No Shake Cam | 6000 mAh Battery | 16GB RAM with RAM Plus | Android 13 | Without Charger")).click();

Thread.*sleep*(2000);

//wd.findElement(By.id("add-to-cart-button")).click();

}

}