**package** tests;

**import** java.io.File;

**import** java.net.MalformedURLException;

**import** java.net.URL;

**import** java.util.Base64;

**import** java.util.concurrent.TimeUnit;

**import** java.util.Base64.Encoder;

**import** org.apache.commons.io.FileUtils;

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

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.interactions.touch.TouchActions;

**import** org.openqa.selenium.remote.CapabilityType;

**import** org.openqa.selenium.remote.DesiredCapabilities;

**import** org.openqa.selenium.remote.RemoteWebElement;

**import** org.testng.annotations.AfterTest;

**import** org.testng.annotations.BeforeTest;

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

**import** com.aventstack.extentreports.ExtentTest;

**import** com.aventstack.extentreports.Status;

**import** io.appium.java\_client.AppiumDriver;

**import** io.appium.java\_client.FindsByAndroidUIAutomator;

**import** io.appium.java\_client.MobileBy;

**import** io.appium.java\_client.MobileElement;

**import** io.appium.java\_client.TouchAction;

**import** io.appium.java\_client.android.AndroidDriver;

**import** io.appium.java\_client.android.AndroidElement;

**import** io.appium.java\_client.imagecomparison.SimilarityMatchingOptions;

**import** io.appium.java\_client.imagecomparison.SimilarityMatchingResult;

**import** io.appium.java\_client.remote.MobileCapabilityType;

**import** org.openqa.selenium.TakesScreenshot;

**import** android.graphics.BitmapFactory;

**public** **class** CXReview {

**static** AppiumDriver<MobileElement>*driver*;

@BeforeTest

**public** **void** setup(){

{

**try** {

DesiredCapabilities caps = **new** DesiredCapabilities();

caps.setCapability(MobileCapabilityType.***PLATFORM\_NAME***,"Android");

caps.setCapability(MobileCapabilityType.***PLATFORM\_VERSION***,"9");

caps.setCapability(MobileCapabilityType.***DEVICE\_NAME***,"OnePluse 5T");

caps.setCapability("realMobile", "true");

caps.setCapability("autoGrantPermissions", "true");

// caps.setCapability(MobileCapabilityType.UDID,"emulator-5554");

caps.setCapability(MobileCapabilityType.***APP***,"C:\\Users\\amsaleka\\apps\\CX.apk");

caps.setCapability(MobileCapabilityType.***NEW\_COMMAND\_TIMEOUT***,90);

// caps.setCapability(MobileCapabilityType.BROWSER\_NAME,"chrome");

URL url = **new** URL("http://127.0.0.1:4723/wd/hub");

// caps.setCapability(MobileCapabilityType.NEW\_COMMAND\_TIMEOUT,90);

*driver* = **new** AppiumDriver<MobileElement>(url,caps);

//login credentials

// caps.setCapability(MobileCapabilityType.NEW\_COMMAND\_TIMEOUT,90);

*driver*.manage().timeouts().implicitlyWait(60,TimeUnit.***SECONDS***);

MobileElement two = *driver*.findElement(By.*xpath*("/hierarchy/android.widget.FrameLayout/android.widget.LinearLayout/android.widget.FrameLayout/android.webkit.WebView/android.webkit.WebView/android.view.View/android.view.View/android.view.View[1]/android.view.View/android.view.View/android.view.View/android.view.View[2]/android.view.View[2]/android.view.View/android.widget.Button[1]\r\n" +

""));

two.click();

File file21 = ((TakesScreenshot)*driver*).getScreenshotAs(OutputType.***FILE***);

*driver*.manage().timeouts().implicitlyWait(30,TimeUnit.***SECONDS***);

MobileElement three = *driver*.findElement(By.*xpath*("/hierarchy/android.widget.FrameLayout/android.widget.LinearLayout/android.widget.FrameLayout/android.webkit.WebView/android.webkit.WebView/android.view.View/android.view.View/android.view.View[1]/android.view.View/android.view.View/android.view.View/android.view.View[2]/android.view.View[3]/android.widget.Button[2]"));

*driver*.findElement(By.*xpath*("/hierarchy/android.widget.FrameLayout/android.widget.LinearLayout/android.widget.FrameLayout/android.webkit.WebView/android.webkit.WebView/android.view.View/android.view.View/android.view.View[1]/android.view.View/android.view.View/android.view.View/android.view.View[2]/android.view.View[2]/android.view.View/android.view.View/android.view.View[2]/android.view.View[2]/android.view.View/android.view.View[2]/android.widget.EditText")).sendKeys("Rajapandian@ti-global.com");

//Login

*driver*.manage().timeouts().implicitlyWait(40,TimeUnit.***SECONDS***);

*driver*.findElement(By.*xpath*("/hierarchy/android.widget.FrameLayout/android.widget.LinearLayout/android.widget.FrameLayout/android.webkit.WebView/android.webkit.WebView/android.view.View/android.view.View/android.view.View[1]/android.view.View/android.view.View/android.view.View/android.view.View[2]/android.view.View[2]/android.view.View/android.view.View/android.view.View[3]/android.view.View[2]/android.view.View/android.view.View[2]/android.view.View")).sendKeys("Hyyundai@321"); //password

*driver*.manage().timeouts().implicitlyWait(30,TimeUnit.***SECONDS***);

MobileElement four = *driver*.findElement(By.*xpath*("/hierarchy/android.widget.FrameLayout/android.widget.LinearLayout/android.widget.FrameLayout/android.webkit.WebView/android.webkit.WebView/android.view.View/android.view.View/android.view.View[1]/android.view.View/android.view.View/android.view.View/android.view.View[2]/android.view.View[2]/android.view.View/android.view.View/android.widget.Button"));

four.click(); // Sign in

}

**catch**(Exception exp) {

System.***out***.println("Cause is:"+exp.getCause());

System.***out***.println("Message is:"+exp.getMessage());

exp.printStackTrace();

}}

}

}