**Hybrid Mobile testing Framwork using Appium and TestNG**

Reports

(Extent Reports)

Test Data

(Excel, property files)

GitHub

Maven – Build Tool

AppiumDrivers

WebDriver

AndroidDriver

Utilities

Test Scripts

Unit Test Framework -TestNG

**Note:**

**Due to an environmental issue, unable to make the connectivity with the mobile device. Hence, I could not include the test scripts for the individual pages. Below is the list of dependencies and the code for launching the Floowdrive mobile App.**

**Dependencies Used:**

<dependencies> <!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java --> <dependency>

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

<artifactId>selenium-java</artifactId>

<version>3.141.59</version>

</dependency>

<!-- https://mvnrepository.com/artifact/io.appium/java-client -->

<dependency>

<groupId>io.appium</groupId>

<artifactId>java-client</artifactId>

<version>7.5.1</version>

</dependency>

</dependencies>

**App Launcher code:**

**package** TestScripts;

**import** java.net.MalformedURLException;

**import** java.net.URL;

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

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

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

**import** org.testng.annotations.\*;

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

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

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

**public** **class** appLauncher {

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

@BeforeTest

**public** **static** **void** appLaunch() **throws** Exception {

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

caps.setCapability("deviceName", "Xiaomi Redmi Note 8 Pro");

caps.setCapability("udid", "6lfmsss89lg6zdnv");

caps.setCapability("platformName", "Android");

caps.setCapability("platformVersion", "11");

caps.setCapability("appPackage", "com.thefloow.thefloowltd.floowdrivedemo");

caps.setCapability("appPackage", "com.thefloow.turnkey.ui.launcher.LauncherActivity");

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

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

System.***out***.println("Floow App Launched .......");

}

}