**Steps for automation setup of piaapp:**

Prerequisites:

1. Java JDK

2. Appium is installed

3. Android sdk is setup (for testing on android )

4. Xcode is setup (for testing on iOS)

5. Mobile device is ready for automation

6. Eclipse is installed

What we will do:

1. Create a java maven project in eclipse

2. Add required libraries

3. Create classes and functions

4. Add desired capabilities

5. Setup mobile device and appium

6. Create tests for mobile test automation

Steps:

Step 1 : Open Eclipse

Step 2 : Install TestNG in eclipse

Step 3 : Create a new maven project

Step 4 : Add required lib/dependencies Appium java client Selenium java TestNG

Step 5 : Save - Clean - Build project

Step 6 : Create 2 folders under src/test/java tests pages

Step 7 : User src/test/resources create a folder apps will keep application files (.apk, .ipa, .app)

Step 8 : Inside tests folder create a class - BaseClass

Step 9 : Create setup & teardown functions Annotate with testng annotations

Step 10 : Add code for desired capabilities

Step 11 : Attach mobile device (or make emulator ready) adb devices get id and platform ver and add in desired capabilities

Step 12 : Start appium server

Step 13 : Run & test

Step 14 : Add test class and extend BaseClass