Remote access:

ios app- For automation testing I need to create the following classes:

1. Utility- Infrastructure
   1. Create Appium infrastructure.
   2. Locate the apk file.
   3. Create Class for all Desired Capabilities.
   4. Create Base class that have constructor for the driver.
   5. Create method to close the drives.
   6. Create Class for the logs- for each function want to see what happen.
2. Functional-

2.2 Should create class for our test. Test will be defined for each request.

2.3 Test class will work with the utility that will be as "Factory class" will send the

commands to the Action package.

2.4 Action will the do the jobs and ask the locator elements from the POM.

2.5 POM will send back the elements locator as was asked for the action.

2.6 Action will send back to the utility the results and Utility will send to the test the

results, test will verify if the results same as requests.

Android:

Should be connect to the same classes and do the same actions, only one changes is the Desired Capabilities that will be adjusted to the Android.

Also, I will use Test class for the Android.

Web Access: Selenium infrastructure

I will create class for all kinds of drivers (Chrome, IE, Firefox)

I will create Test class for the web but same methods.

For the Remote access I will create UI:

For each system I will create a tab that will connected to Testng.xml that will send the parameters that to the test.

UI 🡪TestNg(Runner)🡪 TestClass🡪 Utility🡪 Action🡪POM🡪 And Back.

**In the house:**

I will used different tools as Rest assured/ Postman/ Queries for db.

For each server I will create GET/ Post commands and I will verify the results.

UI🡪 TestNg 🡪 Test classes🡪 Utilities (send Get/Post request to the Actions)🡪 Action (Will

do the methods that get or post the data from the severs in the home)🡪 send back the results.

**Infrastructure:**

**CI will do with Jenkins that will operate the UI.**

**UI can be configured as defaults or user can update the configuration.**

**Develops must write for each commit the Jira number.**

**Administration:**

**Will add another tab for the UI that will check the web administration🡪 same methods as web access section.**