FaceBook Automation

Facebook Automation

Need to automate the following activities using Selenium + Java.

Note: In this use case, you need to automate below scenarios using the "https://www.facebook.com/" portal.

Key Activities to implement:

SN	Test Steps
1	Navigate to the URL and Validate the facebook LogIn Page Title
2	Verify Presence Of All Fields in The Login Page
3	Validate the error message, when user does not provide any credentials
4	Enter Email or Phone in Login Page
5	Enter Email or Phone No in Email or Phone No Text field and no password and click on Login and validate Error Message
6	Enter Password in password Text field and click on Login and validate Error Message
7	Validate the error message when user does not provide Email or Phone No
8	Go Back To LogIn Page And Validate CreateNewAccount button Is Present or not
9	Click on Create Account Button and Verify navigate to the signUp page.
10	Verify first name,surname,Mobile Number or email address,New password field are present in the signup page or not
11	Enter data in the first name field
12	Enter data in the surname,Mobile Number email address,New password field.
13	Select any date from date dropdown field and and verify the date dropdown is present or not
14	Select any Month from month dropdown field and and verify the Month dropdown is present or not
15	Select any Year from the Year dropdown field and and verify the Year dropdown is present or not
16	Close the "signup" page and verify the All Fields prsense in The Login Page or not
17	Enter valid email or phone no in email or phone no text field and enter password in password textfield and validate "login" button is present or not

NOTE: "Please do not delete any file in the src folder. But you are free to add any other file".

Pre-requisite:

As soon as you import project in eclipse, update the project using maven update option as below. This is to resolve issue if any maven dependency not downloaded properly:

1. Right click on project : Go to "Maven" : Select "Update Project"
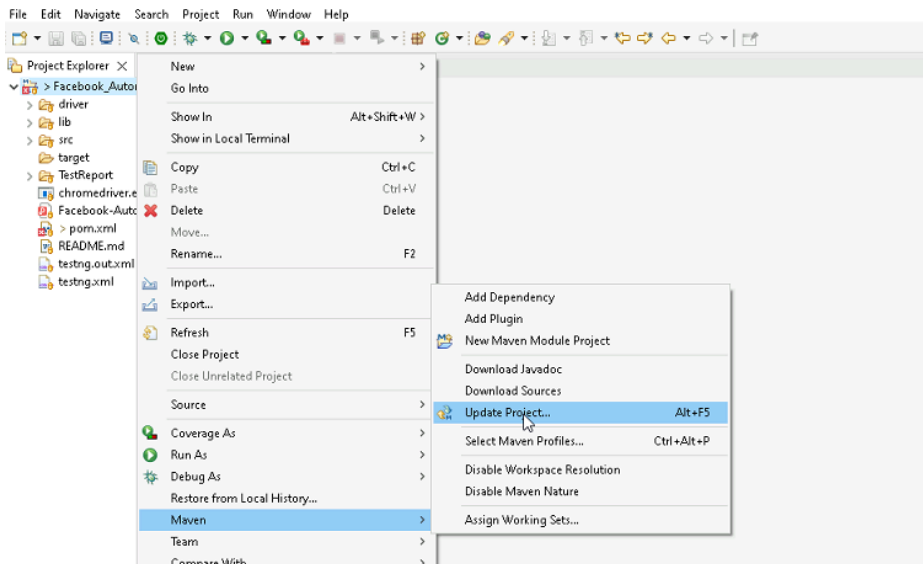
2. In Update Maven Project Box Select "Force Update of Snapshots/Releases" and click OK
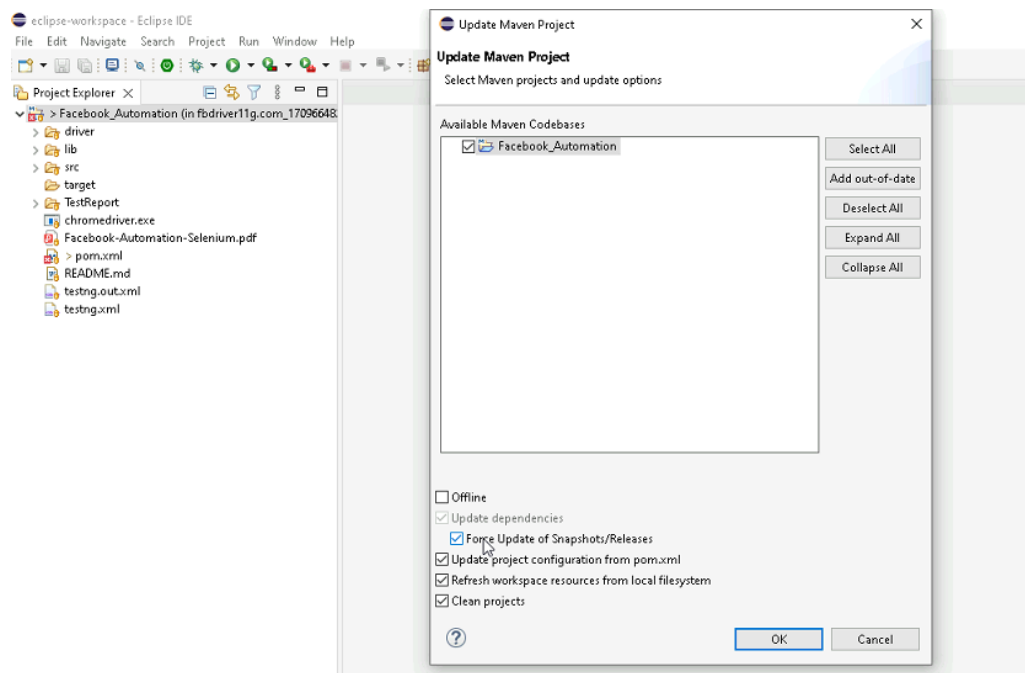
Template Code Structure: Packages and files you will be required to work upon. Other Files and packages you can ignore.

Package	Class/File	Description
/src/main/java/pages	FaceBookPage.java	1. All core activities (mentioned in list above) to be performed here. 2. The comments associated with each templated method here describe the expectation. 3. You can define locators and xpath here. 4. Declare any variable/object you need to share data/status between different methods. 5. Do not modify the signature of methods declared here. 6. You can create additional supportive common methods in CommonEvents class.

Expectations:

1) Learners should write automation script using Java and selenium to automate all the steps in the above question. In other words, automation script should perform all mentioned steps.
2) Learners should not use any tools to create the xpath. They should develop the xpath/cssselector on their own.

IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

EXECUTION STEPS TO FOLLOW

1. **You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.**

2. **You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite**
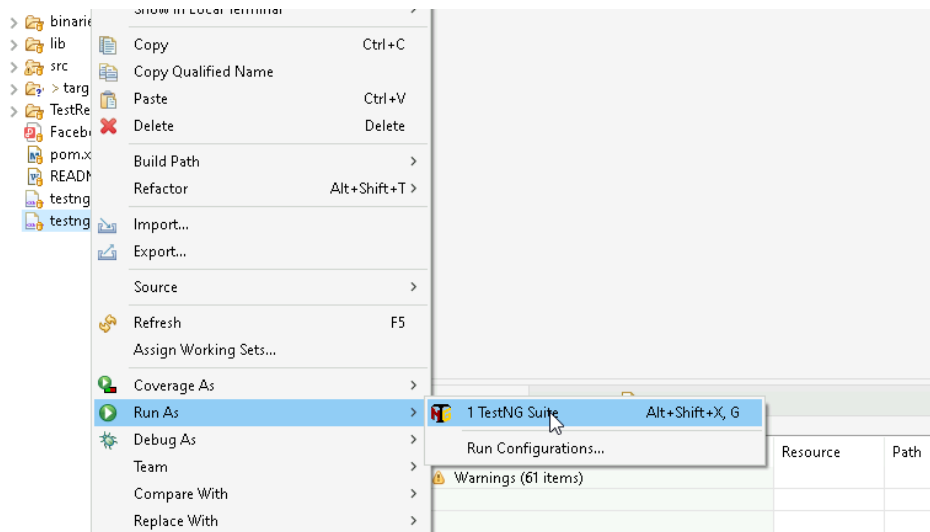
3. **You may get the below pop up after launching test cases for seeking permission to open the browser or not. Please select "Allow access" in this case.**
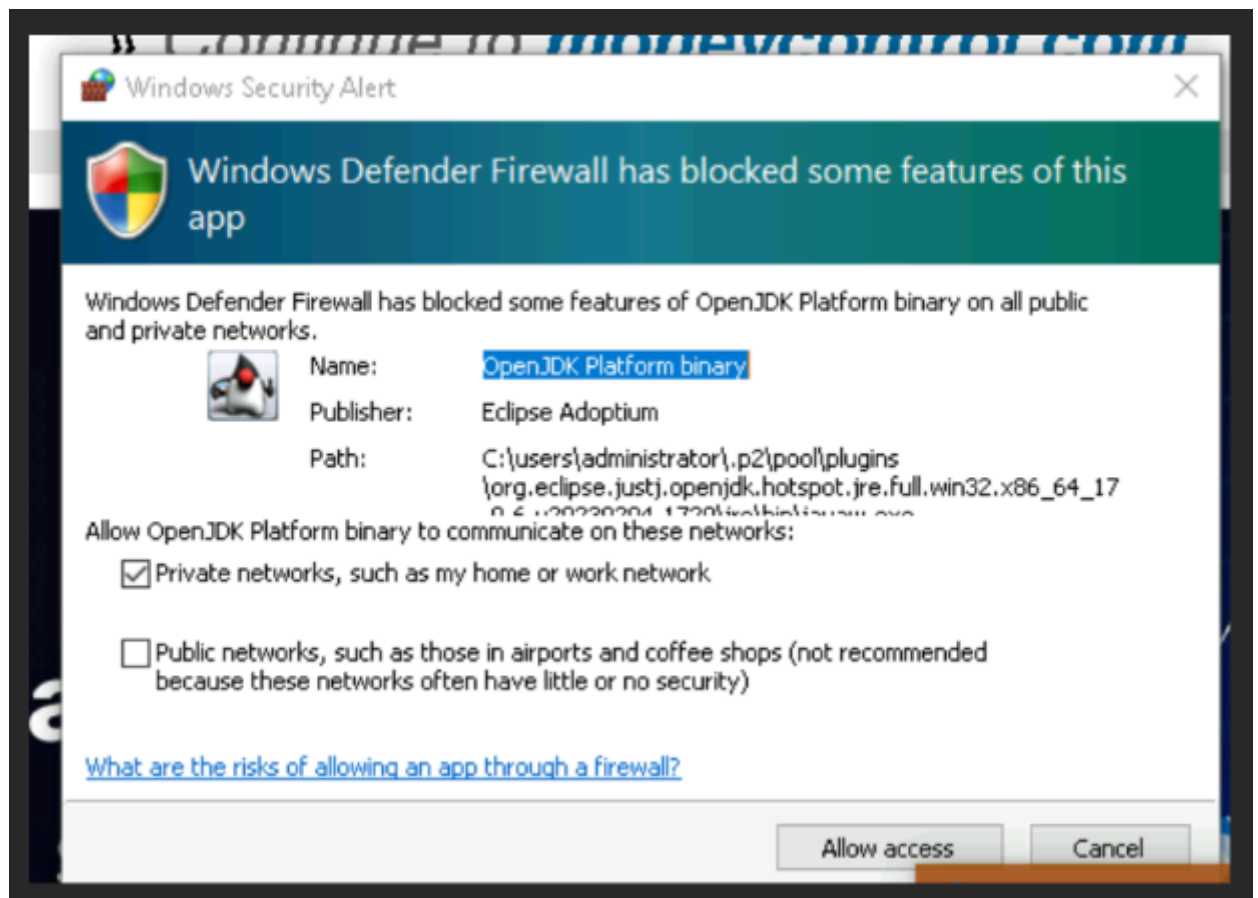
4. **Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**
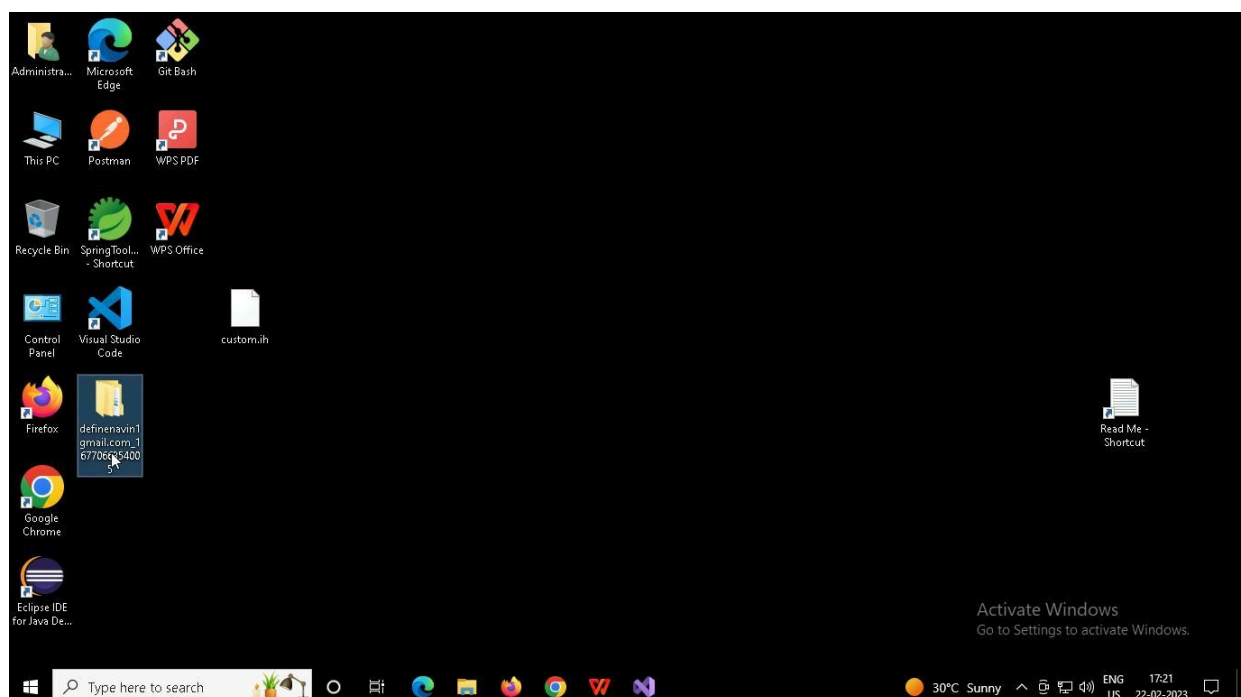
Right click in folder and open Git Bash
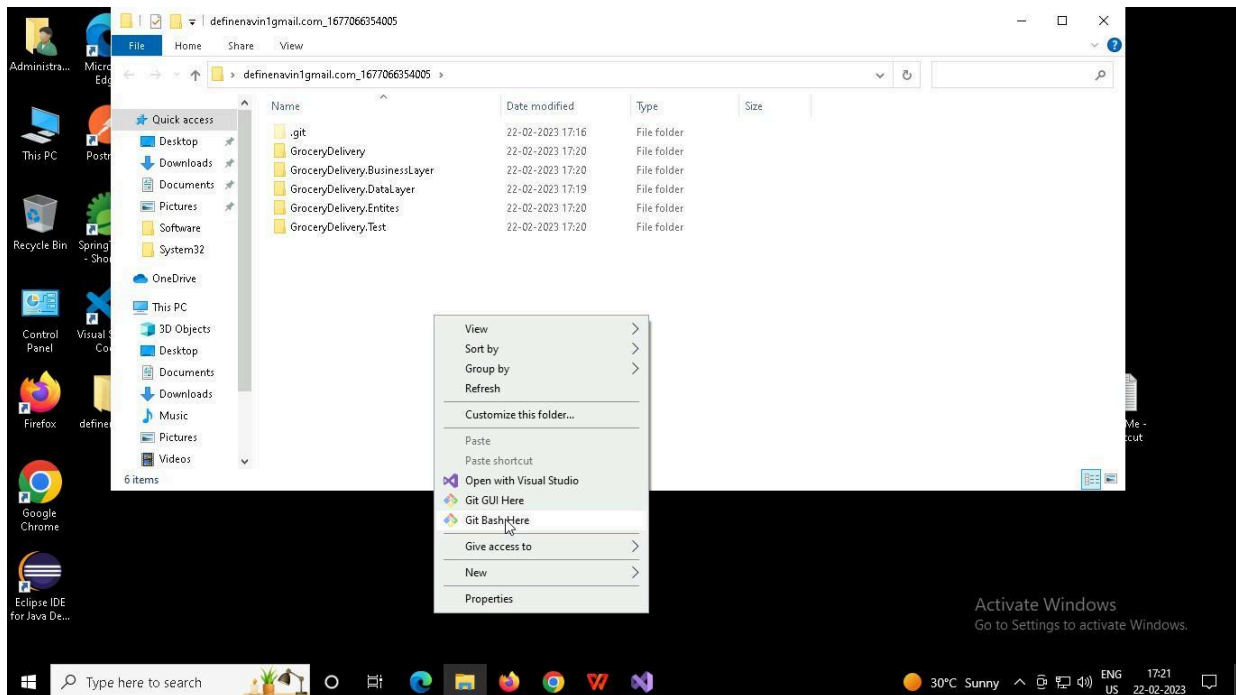
In Git bash terminal, run following commands

   a. git status

   b. git add .

   c. git commit -m "First commit"

      (You can provide any message every time you commit)

   d. git push