FACEBOOK AUTOMATION

Login A
Facebook Automation

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PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

BUSINESS REQUIREMENTS:

Key Activities to implement.

1. Navigate to https://www.facebook.com/
2. Validate the login Page
3. Validate other fields login Page
4. Validate incorrect username
5. Validate incorrect password
6. Provide valid username and password. Get details of same from json file (expected_data.json)
7. Validate that the login button is present and clickable
8. verify Forgot Password? link redirects to the password recovery page
9. Verify that clicking on the Create New Account button
10. Verify that user navigates to the signup page
11. Enter values in the First name and Surname
12. Enter values in the Mobile number field
13. Select different dates from the Date Of Birth fields
14. Validate that date,year and months are selectable
15. Verify selected DOB values should be captured accurately
16. Select each radio button option for gender
17. Validate that only one radio button option should be selectable at a time
18. Verify that clicking on the Terms link redirects to the Facebook Terms of Service page
19. Ensure that clicking on the Data Policy link redirects to the Facebook Data Policy page
20. Click on the sign up button,leave the new password as empty
21. Verify that error messages for incomplete field displayed as appropriate

Template Code Structure: Packages and files you will be required to work upon

Package	Class/File	Description
pages	StartupPage.java	Initializing the WebDriver and navigating to URL (take use of TestBase.java)
	FaceBookPage.java	All core activities(mentioned in list above) to be performed here
resources	config,json	URL to navigate to
	expected_data.json	Data to fill in form
coreUtilities.testbase	TestBase.java	All code related to initializing the web driver
coreUtilities.utils	CommonEvents.java	Contains all common activities
	FileOperations.java	Contains methods to read from json file

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

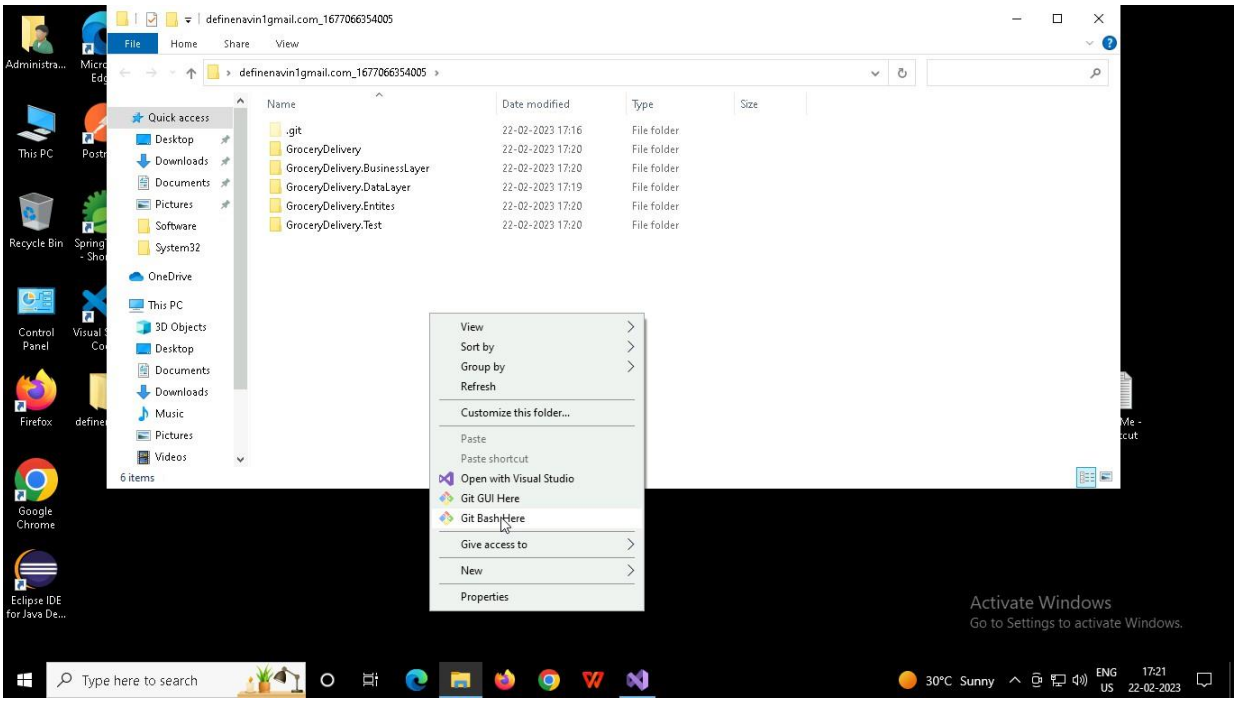
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

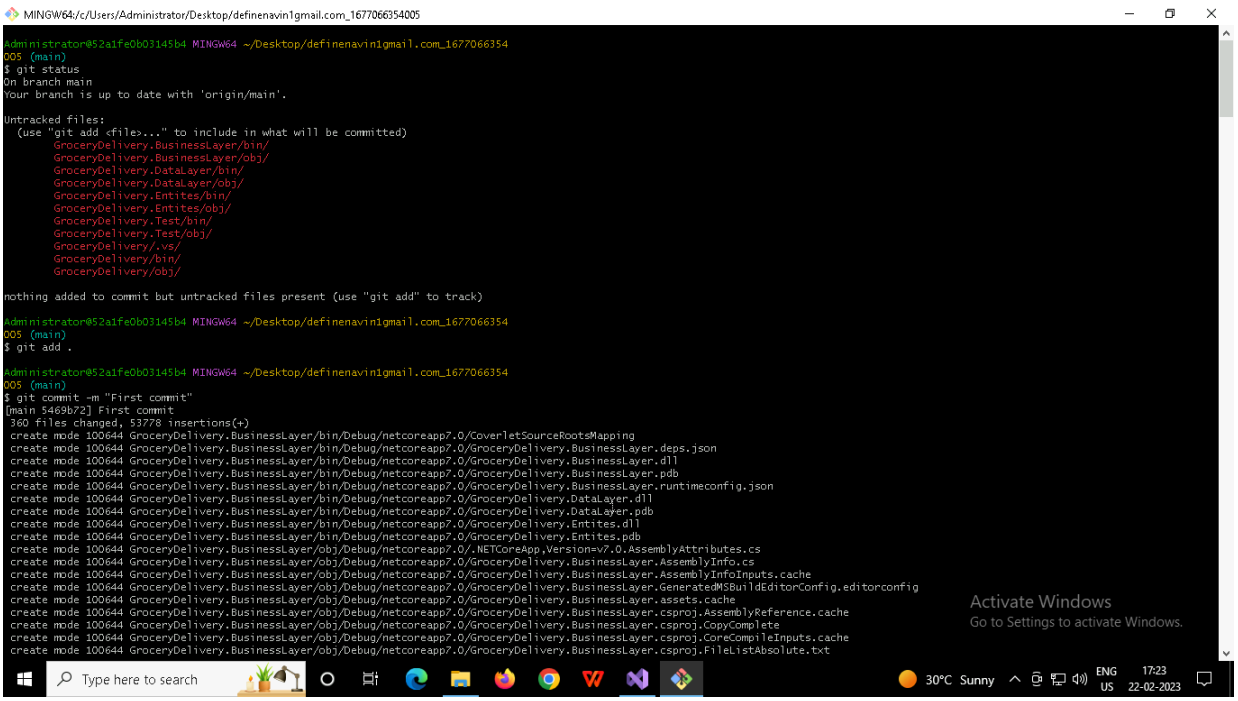
EXECUTION STEPS TO FOLLOW

1. **You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.**
2. **You can run the Junit test cases using Eclipse menu options.**
3. **Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**

Administra...
Microsoft Edge
Git Bash
This PC
Postman
WPS PDF
Recycle Bin
SpringTool... - Shortcut
WPS Office
Control Panel
Visual Studio Code
custom.ih
Firefox
definenavin1 gmail.com_1
Google Chrome
Eclipse IDE for Java De...
Read Me - Shortcut
Activate Windows
Go to Settings to activate Windows.
Type here to search
30°C Sunny
ENG US
17:21
22-02-2023

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