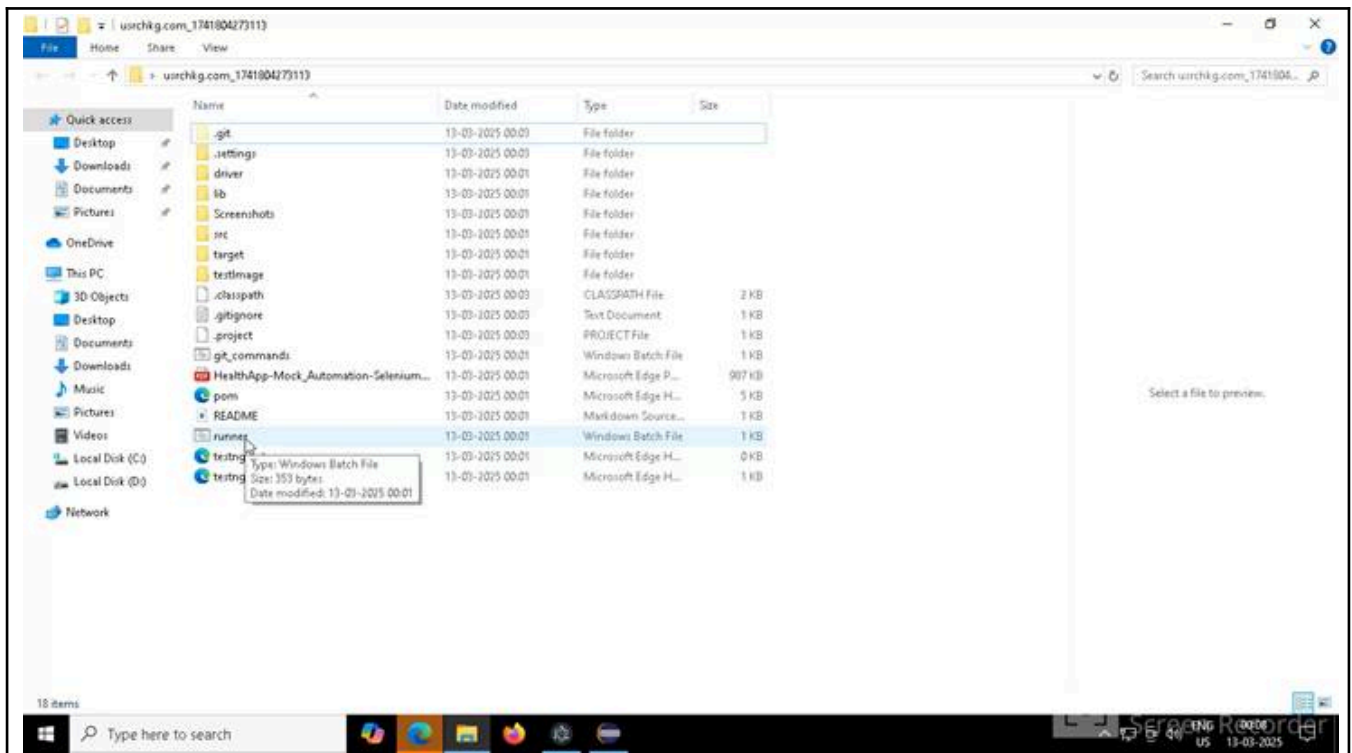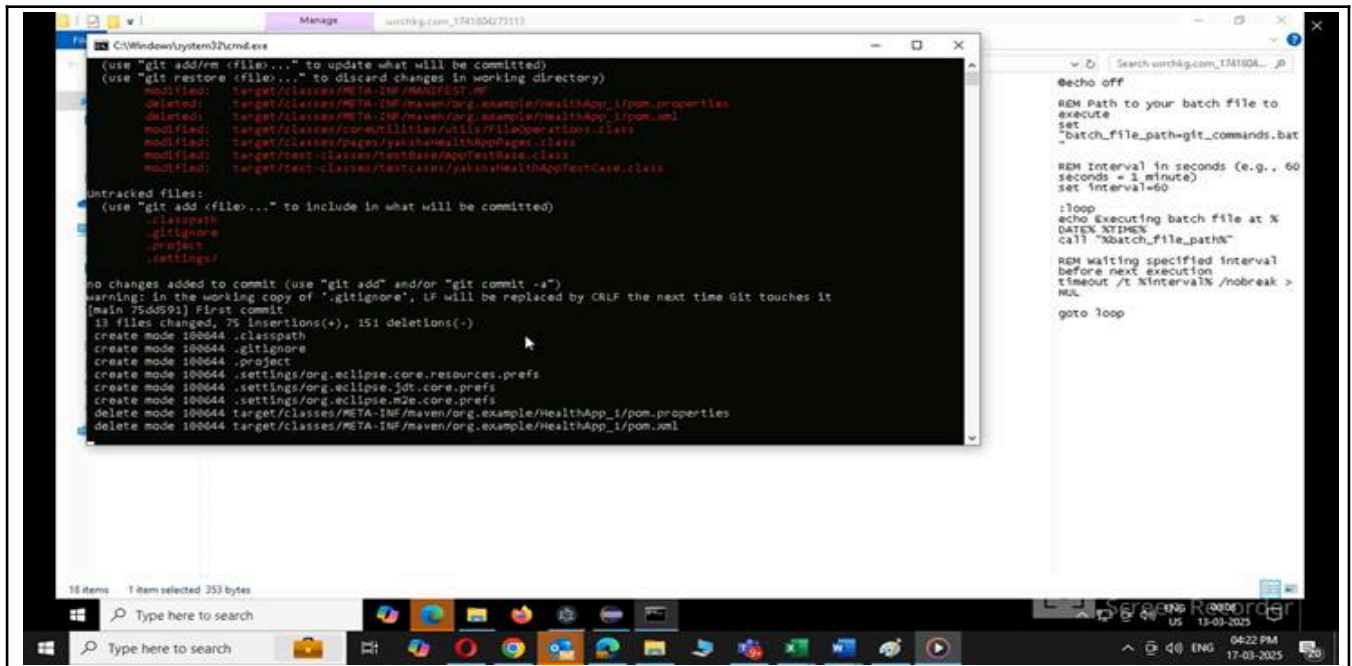# HEALTHAPP AUTOMATION
SOCIAL SERVICE MODULE-PL1

Pre-requisite:

Before you start working on your project, execute the runner file present in your project folder (Simply by double click). **This is mandatory.**
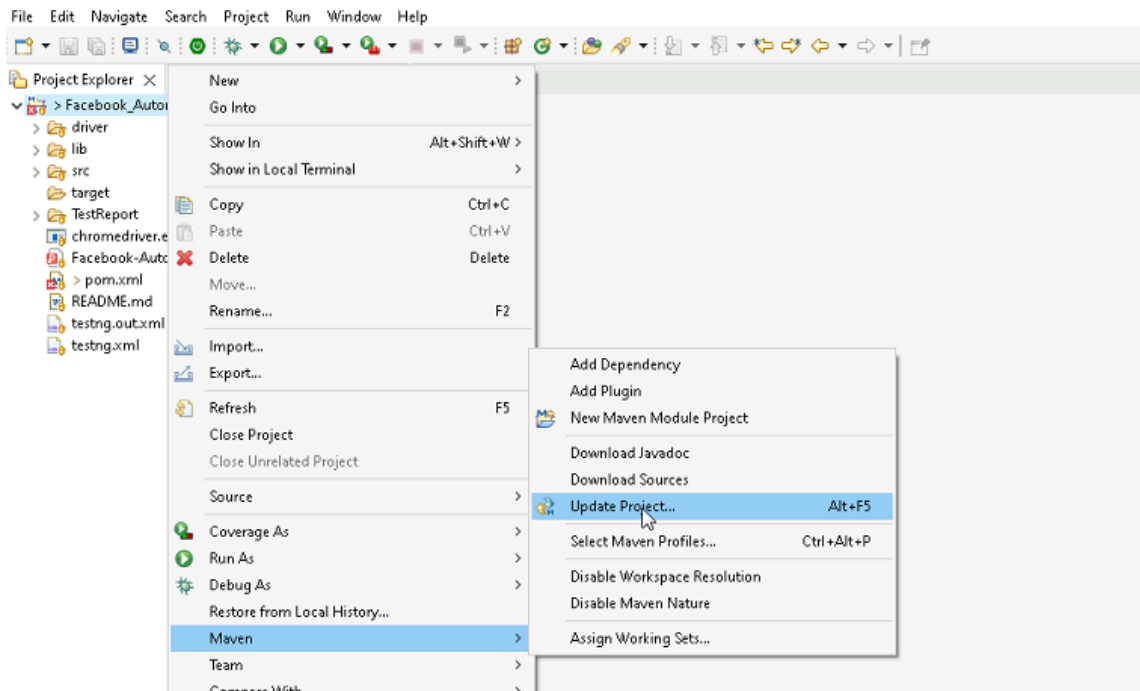

This will launch a command terminal for you where it will keep on pushing your updated code to GIT on regular intervals. Keep that command terminal open at backend and you can continue working on your project.
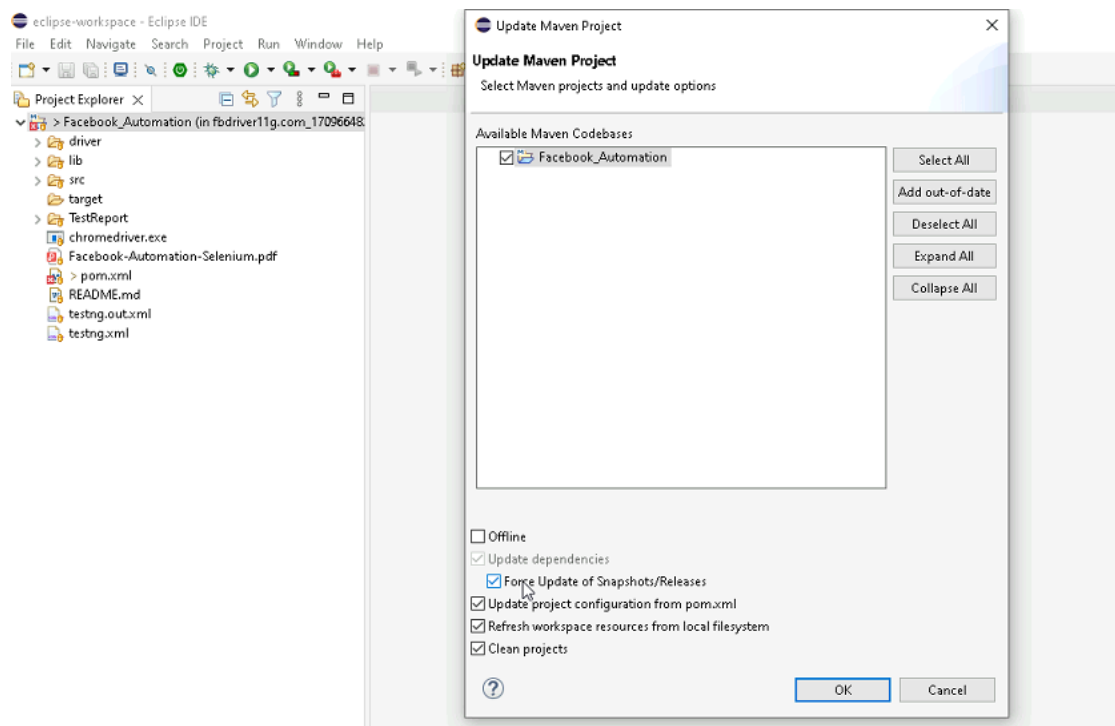
As soon as you import the project in Eclipse, update the project using the maven update option as below. This is to resolve the issue if any Maven dependency is not downloaded properly:

1. Right-click on the project: Go to "Maven" and Select "Update Project"

2. In the Update Maven Project Box Select "Force Update of Snapshots/Releases" and click OK

Template Code Structure:

a. Below are the packages and files you will be required to work on.

b. Other Files and packages you can ignore.

c. In other Files and packages do not make any changes. It would affect your evaluation.

d. You are not required to work in "Test" Folder. Files there are non-editable. Editing those files and trying to save them will throw error and would affect your evaluation.

Package	Class/File	Description
src/main/java/coreUtilities/utils/	FileOperations.java	**The method for reading data as input from an Excel file have already been implemented here.** **This method is used to fetch the required data from excel including the URL for navigation.**
/src/main/java/pages	socialService_Pages.java	1. All core activities (mentioned in the 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.
/src/main/resources/	Config.xlsx	URL to navigate to: Already URL is already defined here
	expected_data.xlsx	Contains data to fill in the form
/src/main/java/coreUtilities/utils	CommonEvents.java	1. Contains all common activities. 2. Certain templated common methods are declared here. 3. You implement them as per your needs. 4. You can add any additional method for common activity

		here
	Testng.xml	Execution needs to kick started from TestNG xml

PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

Key Activities to implement:

SNo.	Summary	Action	Expected Result
1	Ensure the title and URL of the current page.	1. Go to URL: https://healthapp.yaksha.com/ 2. Login with a valid credential **(username: admin, password: pass123)** and click on the "**Sign in**" Button 3. Get the title and URL of the Home page post login.	Validate the title and URL of the Home page. The title should be : **DanpheHealth** URL should be : **https://healthapp.yaksha.com/Home/Index#/**
2	Ensure the Presence of the SocialService Module.	**Precondition:** The user must be logged in. **Test Steps (For Navigation purposes only):** 1. Navigate to the **SocialService** module present in the left navigation panel. 2. Click on the **SocialService** Module.	Verify the user successfully navigates to the **SocialService** page.
3	Ensure that the "**Register New SSU Patient**" button is present inside the SocialService page and when we click on the "**Register New SSU Patient**" button, it popup the "**New SSU Patient Registration**" form.	**Precondition:** The user must be logged in and should be on the SocialService page. **Test Steps :** 1. Find and click on the "**Register New SSU Patient**" button.	Verify the form Name(title on top) is "New SSU Patient Registration"
4	On the "**New SSU Patient Registration**" form**,** Validate the error message shown by the "Last Name" text field after clicking the "**Register**" Button without filling any information in the form.	**Precondition:** The user must be logged in and should be on the SocialService page. The "**New SSU Patient Registration**" form must be open. **Test Steps:** 1. Click on the "**Register**" button directly without fill any information in the form.	After the defined actions, an error message will display under the **Last Name** textfield as "**Last Name is required".**
5	On the "**New SSU Patient Registration**" form ensure the presence of **First Name, Middle Name and Last Name textboxes** as well as fill the textboxes with appropriate values.	**Precondition:** The user must be logged in and should be on the SocialService page. The "**New SSU Patient Registration**" form must be open. **Test Steps (Use Expected_Data.xlsx to fetch the required values):** **1.** Find the **"First Name"** textbox and fill in the value. **2.** Find the **"Middle Name"** textbox and fill in the value. **3.** Find the **"Last Name"** textbox and fill in the value.	1. Verify that the First Name, Middle Name, and Last Name textboxes are present. 2. Fill in the respective values fetching from the Expected_Data.xlsx sheet. 3. Verify that the data for "First Name" is displayed accurately as of the datasheet.
6	Verify the presence of "**Register**" button and "**Close**" button at the bottom of the "**New SSU Patient Registration**" form.	**Precondition:** The user must be logged in and should be on the SocialService page. The "**New SSU Patient Registration**" form must be open. **Test Steps (to Check the presence of buttons):** 1. Scroll to the bottom of the form.	Verify that The "Register" and "Close" buttons should exist in the "New SSU Patient Registration" form.

7	Validate the presence of a warning message "**Membership Scheme(s) is Mandatory."** in the "SSU Information" section of the "New SSU Patient Registration" form.	**Precondition:** Ensure you are on the "New SSU Patient Registration" form. **Test Steps (to Check the Presence of Warning):** 1. Scroll to the bottom of the form. 2. Navigate to the "SSU Information" section within the form.	Verify the Warning Message, it should be **"Membership Scheme(s) is Mandatory."**
8	On "**New SSU Patient Registration"** form in the "**SSU Information**" section, Ensure that selecting "Yes" from the "Has target group certificate?" dropdown triggers the visibility of the "Target Group Certificate Type" and "Certificate No." textboxes.	**Preconditions**: The user is logged into the system. The user is on the "New SSU Patient Registration" form, specifically within the "SSU Information" section. **Test Steps (to Check functionality):** 1. Navigate to the "Has target group certificate?" dropdown. 2. Select "Yes" from the dropdown options. 3. Observe the form populate "Target Group Certificate Type" and the "Certificate No." textbox. 4. Fetch the Values for the "Target Group Certificate Type" and the "Certificate No." from Expected_Data.xlsx	1. Verify the "Has target group certificate?" dropdown is visible. 2. Verify that upon selecting "Yes" from the "Has target group certificate?" dropdown, the "Target Group Certificate Type" textbox and the "Certificate No." textbox should become visible and enter the values from Expected_Data.xlsx.

NOTE: "Please do not delete any file in the src folder. But you are free to add any other 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.
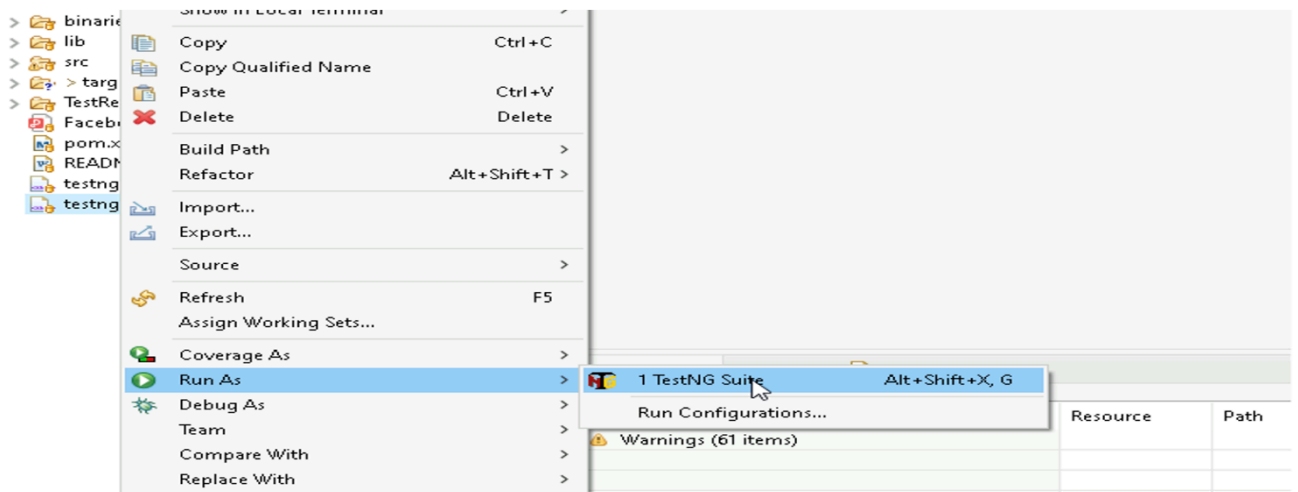2) Learners should not use any tools to create the xpath. They should develop the xpath/cssselector on their own.

IMPLEMENTATION/FUNCTIONAL REQUIREMENT
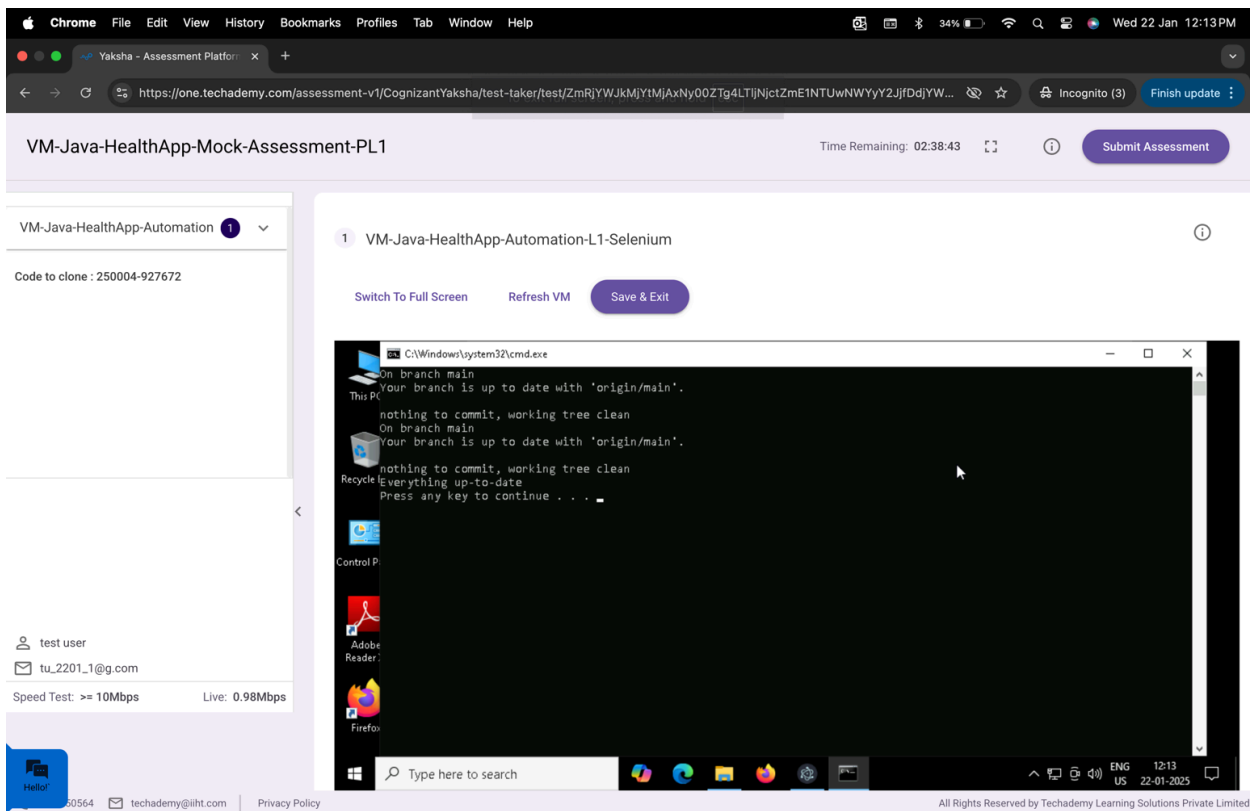
1.1   CODE QUALITY/OPTIMIZATIONS

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 this project, evaluation will not happen.**

2. **You can launch test cases any time as follows: Right-click on testng.xml and run TestNGSuite.**

3. To do the final submission of the assessment :
   a. Press escape to come out of Fullscreen mode.
   b. Submit the assessment.

After the successful submission of the assessment, you will get a confirmation message displayed on your screen.

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All the Best