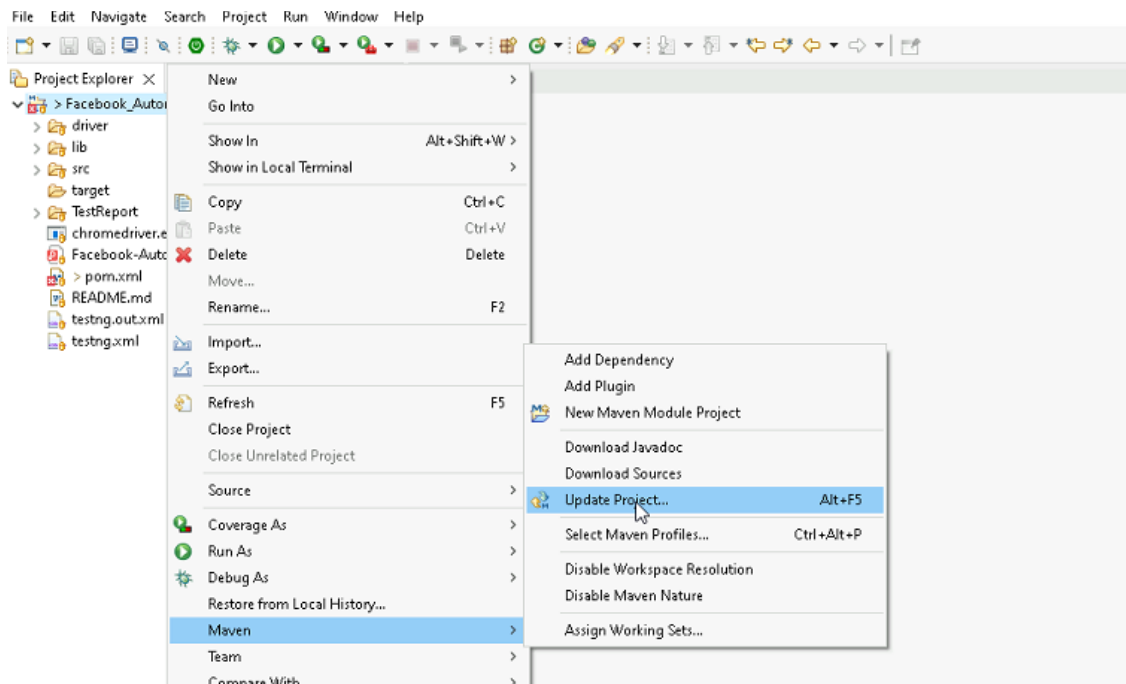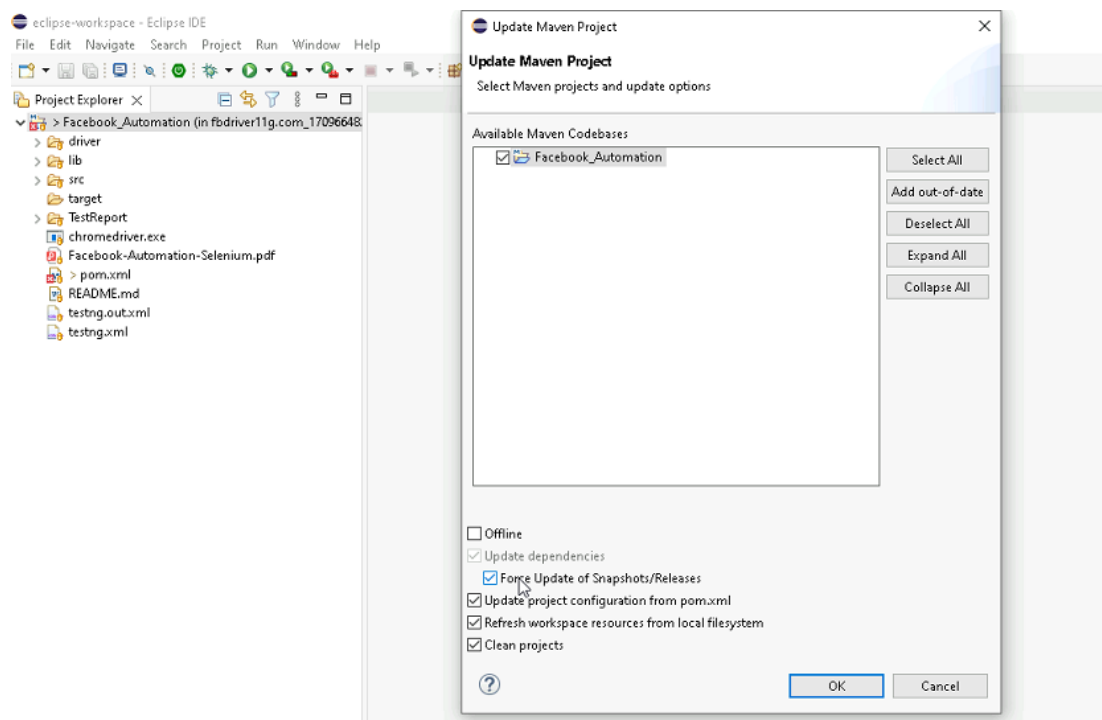# HEALTHAPP AUTOMATION SOCIAL SERVICE MODULE-PL2

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" and Select "Update Project"

2. In 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 upon.

b. Other Files and packages you can ignore.

c. In other Files and packages do not do 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	1. Contains methods to read from excel file. 2. Method is in templated form. 3. **You will be required to implement these methods as very first activity, because even URL to navigate to, is read using these methods.**
/src/main/java/pages	socialService_Pages.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.
/src/main/resources/	Config.xlsx	URL to navigate to: Already URL is defined here
	expected_data.xlsx	Contains data to fill in form
/src/main/java/coreUtilities/utils	CommonEvents.java	1. Contains all common activities. 2. Certain templated common method declared here. 3. You implement them as per your need. 4. You can add any additional method for common activity

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		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	Verify the title and URL of the current page.	1. Go to URL : **https://healthapp.yaksha.com/** 2. Login as valid credential **(username : admin , password : pass123)** and click on "**Sign in**" Button 3. Get the title and URL of the Home page, post login. 4. validate the title and URL of the Home page.	Title should be : **DanpheHealth** URL should be : **https://healthapp.yaksha.com/Home/Index#/**
2	Verify the Presence of SocialService Module.	**Precondition:** user must be logged in. **Steps:** 1. Navigate to **SocialService** module present in left navigation panel. 2. Click on the **SocialService** Module.	User successfully navigate to the **SocialService** page
3	Verify that **Register New SSU Patient** button is present inside the SocialService page and when we click on "**Register New SSU Patient"** button , it popup "**New SSU Patient Registration**" form.	**Precondition:** User must be on SocialService page. **Steps:** 1. Find and click on "**Register New SSU Patient"** button and verify the form Name(title on top) is "New SSU Patient Registration"	User should found the "**Register New SSU Patient**" button, clicking on it and open the "**New SSU Patient Registration**" form. Form Name(title on top) should be "**New SSU Patient Registration".**
4	On the "**New SSU Patient Registration"** form**,** Validate the error message shown by "Last Name" textfield after clicking the "**Register**" Button without filling any information in the form.	**Precondition:** "**New SSU Patient Registration"** form must be open. **Steps:** 1. Click on "**Register**" button directly without fill any information in form. 2. Then an error message will display under the **Last Name** textfield. 3. Validate the error message.	After the defined actions, Error message should be displayed as "**Last Name is required".**

5	On the **"New SSU Patient Registration"** form verify the presence of **First Name, Middle Name and Last Name textboxes** as well as fill the textboxes with appropriate values.	**Precondition:** "**New SSU Patient Registration"** form must be open.
		Steps:
		1. **Verify Textbox Presence:** Start by checking if the First Name, Middle Name, and Last Name textboxes are visible and accessible on the form.
		2. **Enter Data:** If the textboxes are present:
		    - First Name: Input the desired first name into the First Name textbox.
		    - Middle Name: Proceed to enter a middle name into the Middle Name textbox.
		    - Last Name: Complete the entries by inputting a last name into the Last Name textbox.
		3. **Validate Entered Data:** After entering the data, confirm that the value in the
			To ensure the "New SSU Patient Registration" form works correctly, verify that the First Name, Middle Name, and Last Name textboxes are present. After entering data into these fields, particularly check that the First Name is displayed accurately to confirm the form's functionality.

			First Name textbox is correct and reflects the data you entered. This step ensures that the form is capturing and displaying user input accurately.
6	Verify the presence of **"Register"** button and **"Close"** button at the bottom of the **"New SSU Patient Registration"** form.	**Precondition:** Ensure you are on the "New SSU Patient Registration" form. **Steps:** 1. Move to the bottom of the form to locate the required buttons. 2. Check for the presence of both the "Register" button and the "Close" button, confirming they are visible and accessible.	The "Register" and "Close" buttons should exist in the "New SSU Patient Registration" form and be visible to the user.
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. **Steps:** 1. Navigate to the Section: Access the "SSU Information" section within the "New SSU Patient Registration" form. 2. Locate the Warning Message: Search for the specific warning message intended for this section. 3. Verify Presence: Check if the warning message is displayed clearly within the "SSU Information" section. Confirm that it is visible.	The warning message should be clearly visible within the "SSU Information" section of the "New SSU Patient Registration" form, ensuring it is prominently displayed and easily readable for users.
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. **Steps**: 1. Navigate to the "Has target group certificate?" dropdown menu within the "SSU Information" section. 2. Select "Yes" from the dropdown options. 3. Observe the form to verify the appearance of the "Target Group Certificate Type" textbox and the "Certificate No." textbox subsequent to the selection.	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 accessible for data entry.
9	On the "New SSU Patient Registration" form's, get the value of "placeholder" attribute of "**Address: "** input box and verify it.	**Preconditions**: The user should be on the "New SSU Patient Registration" form. **Steps**: 1. Navigate to and click on the "Address" textfield on the form to set focus. 2. Observe and note the placeholder text that appears within the "Address" textfield. 3. Verify that the observed placeholder text matches the expected placeholder name. 4. Print the placeholder name to the console for confirmation.	The placeholder text should be "Address" and printed to the console, verifying that it is correctly implemented.

10	Close this **"New SSU Patient Registration"** form page by using javaScript.	**Preconditions**: "New SSU Patient Registration" form should be open. **Steps**: 1. User must be present on **"New SSU Patient Registration"** form's. 2. Click on the "**X**" (close) button using javaScript	**"New SSU Patient Registration"** popup page should be closed.

11	Navigate to the home page , refresh and then verify the presence of **Registered Patient, Total Doctors** & **Today's Appointments** fields. Then again navigate forward to the social service module's "**SSU Patient List"** page and verify "**SSU Patient List"** button & **"Register New SSU Patient"** button are present.	**Preconditions**: The user is on the "SSU Patient List" page within the Social Service module.
		Steps:
		1. From the "SSU Patient List" page, navigate to the home page using the browser's navigation back method.
		2. Once on the home page, refresh the page using the browser's navigation refresh method.
		3. Verify the presence of the following fields on the home page:
		   o "Registered Patient"
		   o "Total Doctors"
		   o "Today's Appointments"
		4. Navigate forward to the Social Service module's "SSU Patient List" page using the browser's navigation forward method.
		5. On the "SSU Patient List" page, verify the presence of the following buttons:
		   o "SSU Patient List"
		   o "Register New SSU Patient"
			The user should have successfully verified the functionality of navigation methods and the presence of key UI elements on both the home and SSU Patient List pages.

12	On Procurements Module's Setting page, select the Sub Category Tab and fetch the Sub-Category Name for the given code (Code - 0003) and validate that Sub Category name.	**Preconditions**: User must be logged into the system. **Steps**: 1. Navigate to the "Procurement" modules from the main panel. 2. Go to the settings page within the Procurement module. 3. Select the "Sub Category" tab on the settings page. 4. Fetch the name of the Sub-Category associated with the given code (Code: 0003).	user should be able to fetch and validate the data from Specified table.

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.
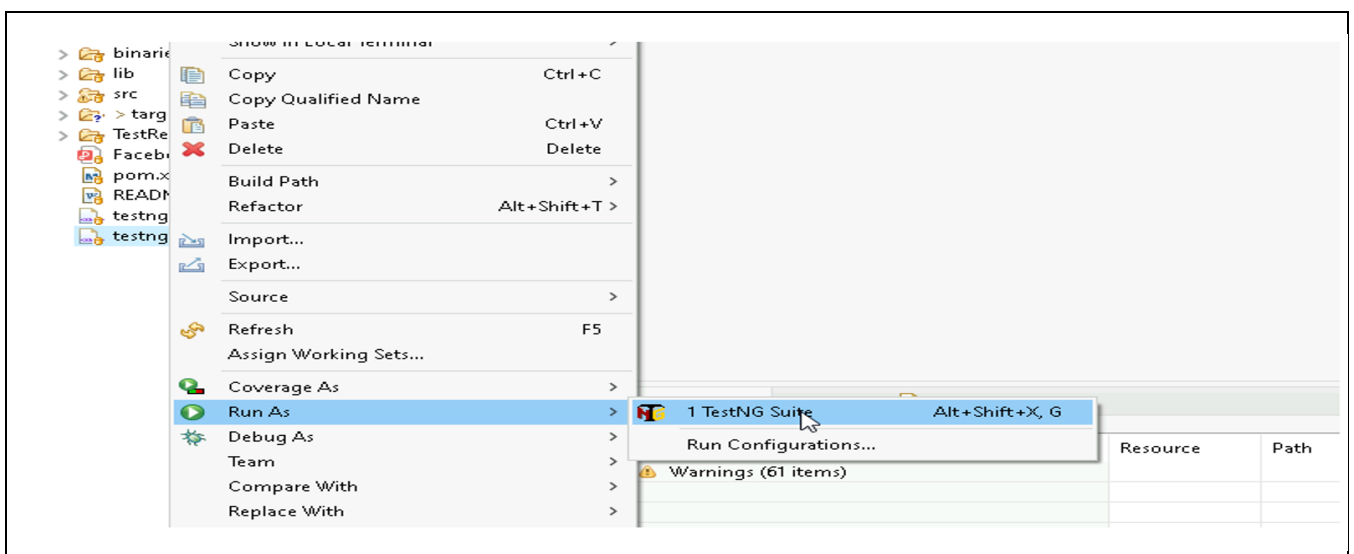2) Learners should not use any tools to create the xpath. They should develop the xpath/cssselector on their own.
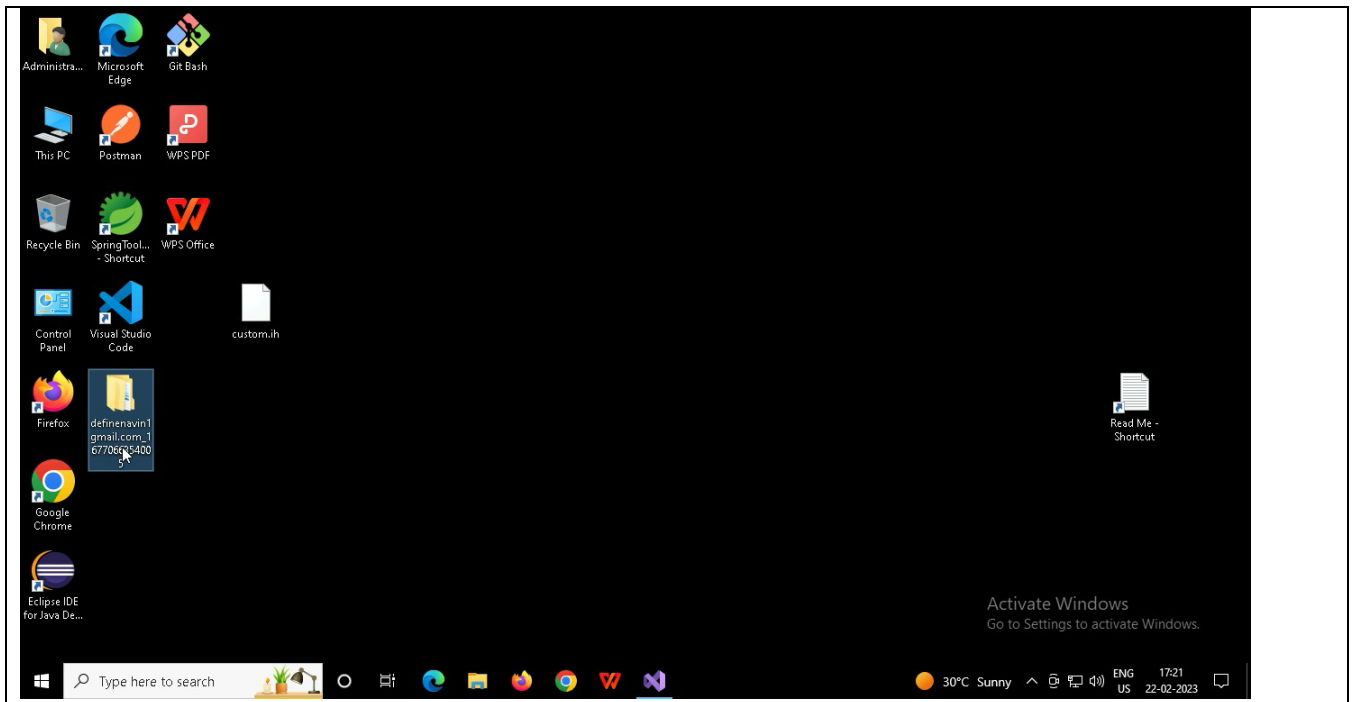
1.1 CODE QUALITY/OPTIMIZATIONS

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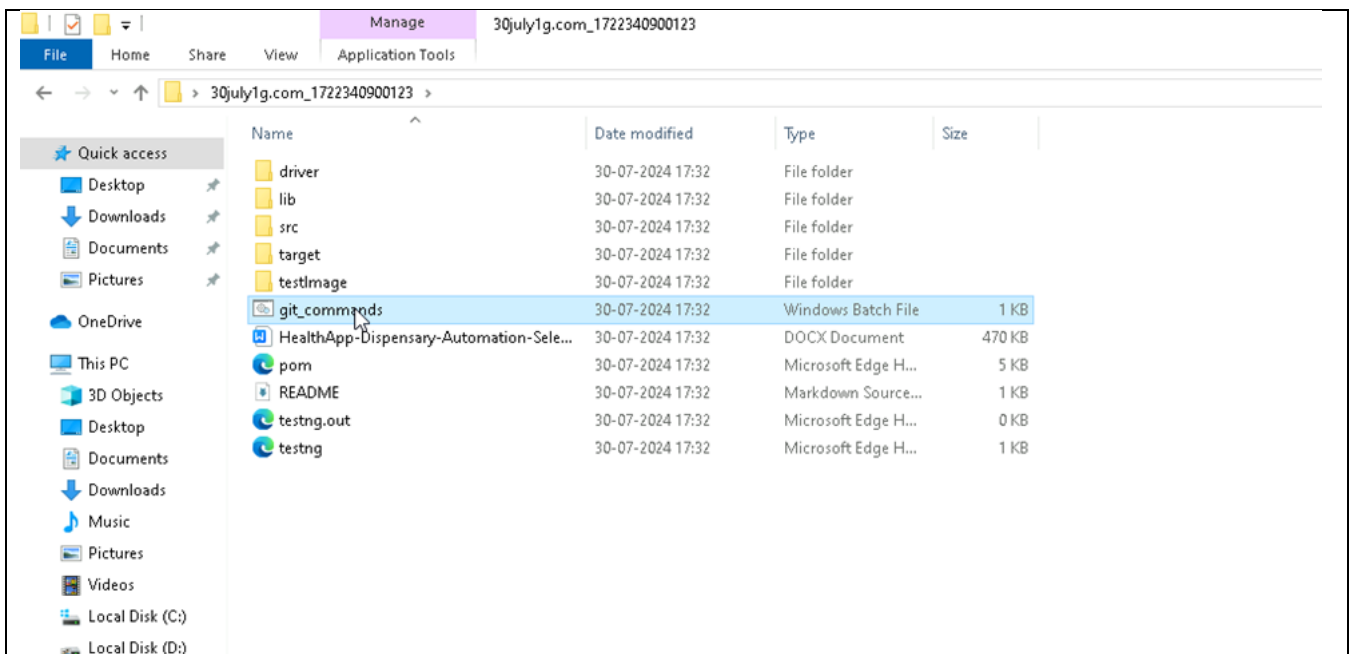
EXECUTION STEPS TO FOLLOW

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

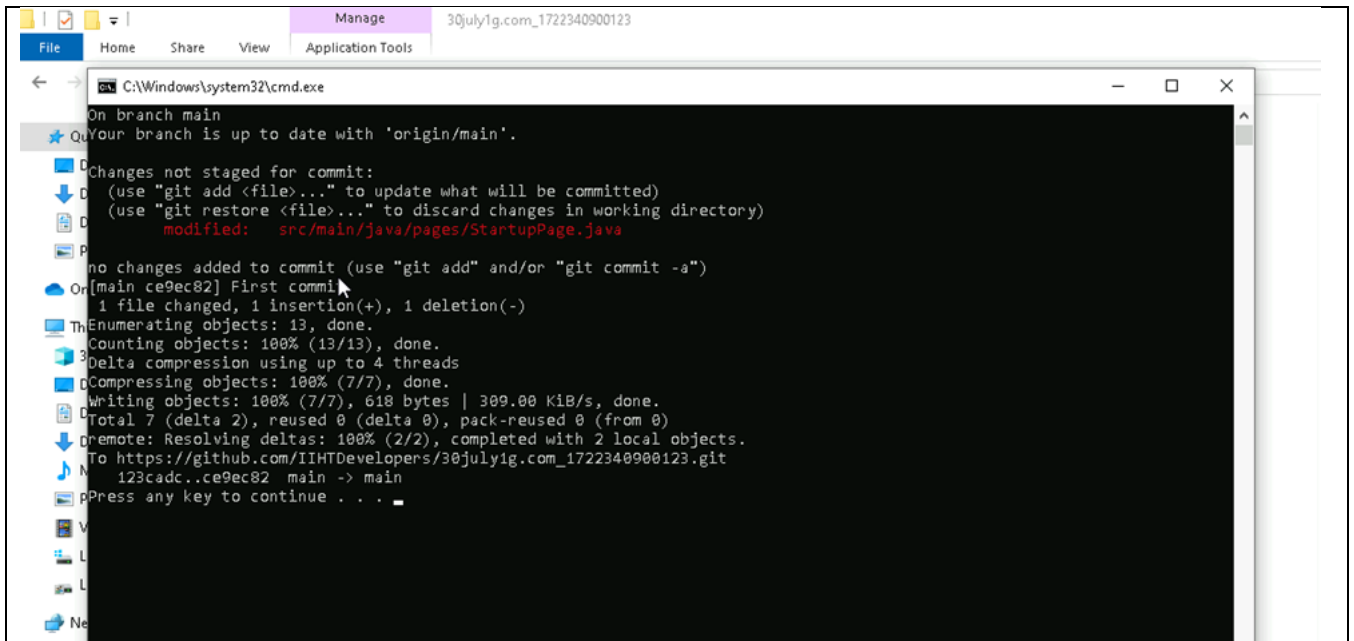2. **You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite**

3. **Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**

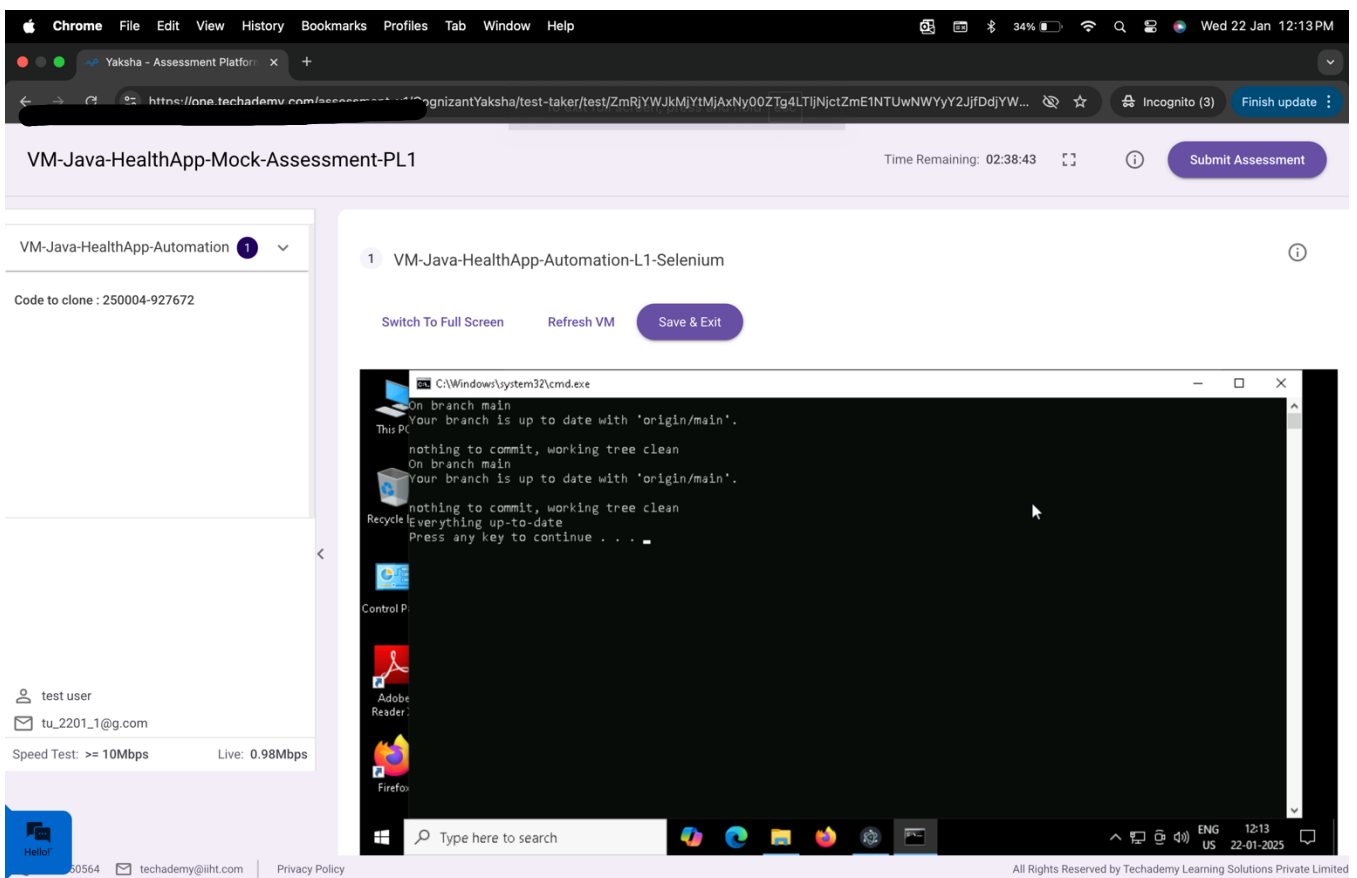In your project folder, you will find a batch file named git_commands.

Double-click the batch file to run it. It will run the commands to push your code to GIT.

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Once the code is pushed to git, you can go for the final submission of the assessment.
- Press escape to come out of Fullscreen mode.
- 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