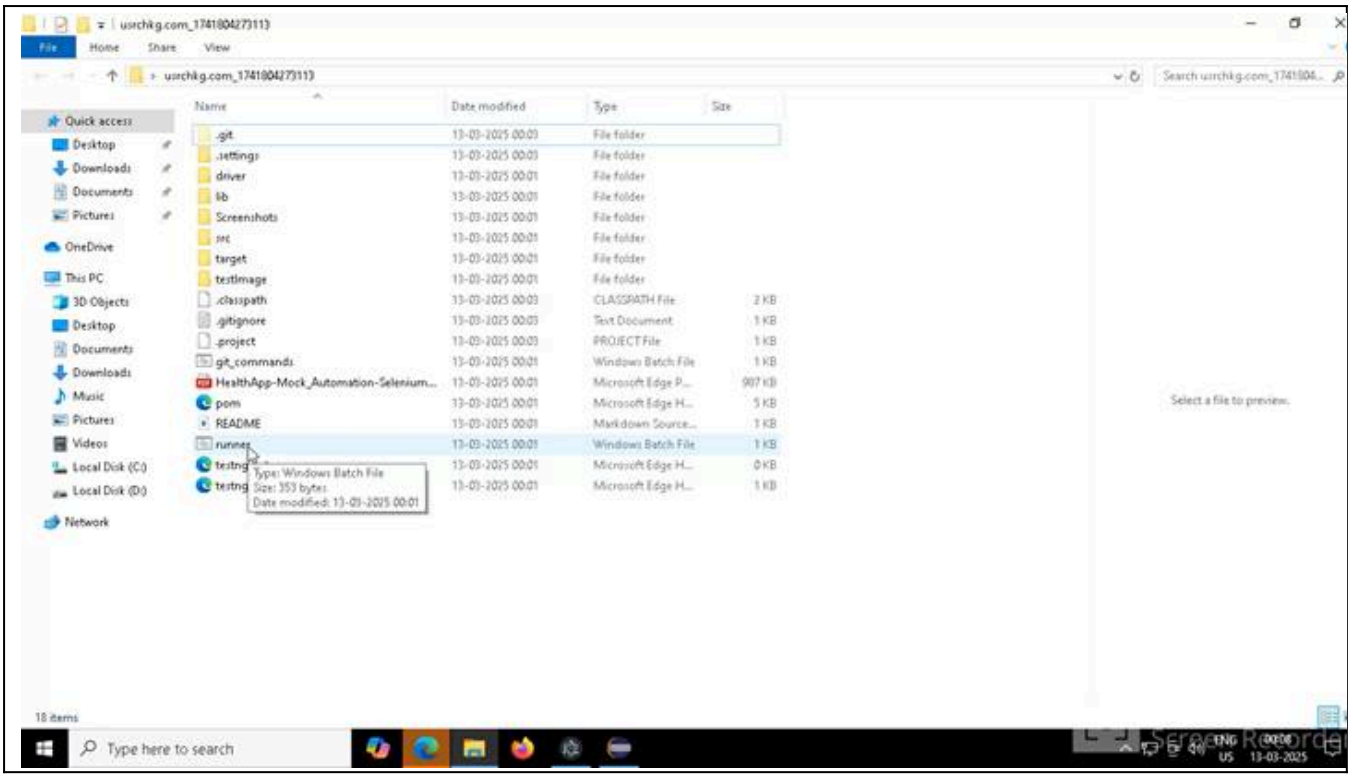
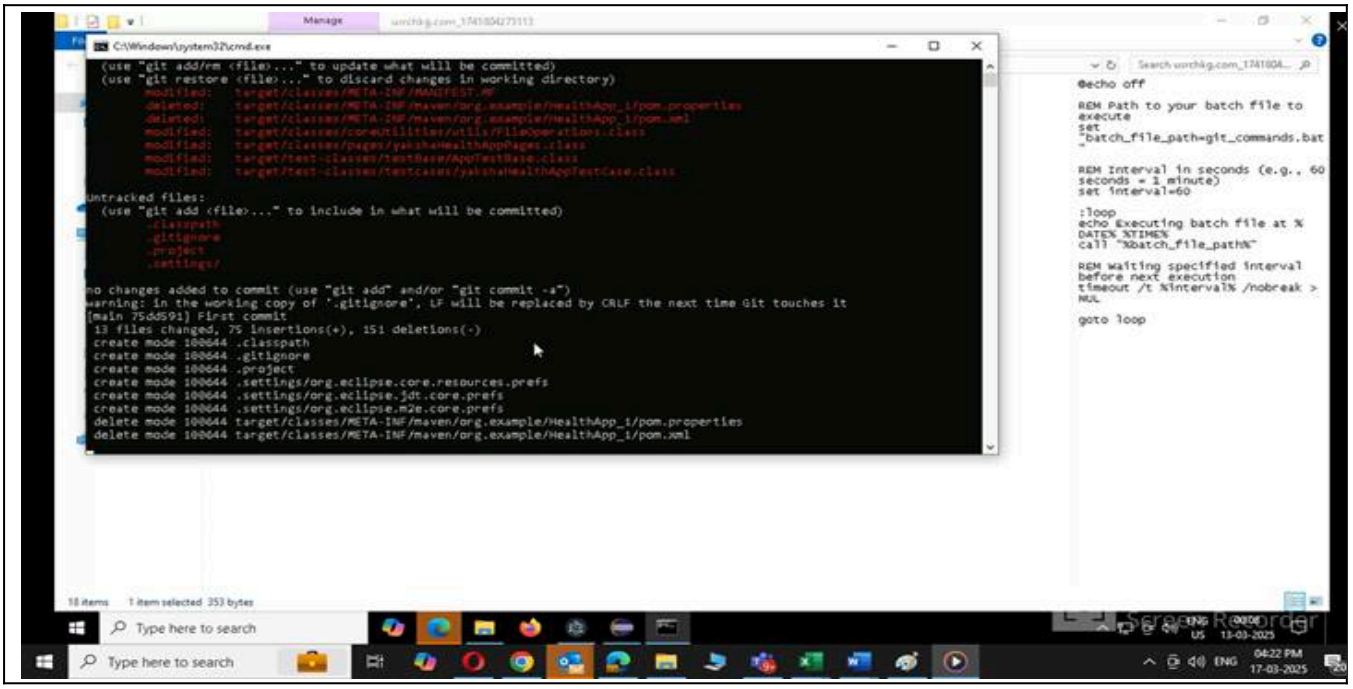
HealthApp Automation
Social Service Module
PL2-(9TCs)

Pre-requisite:

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

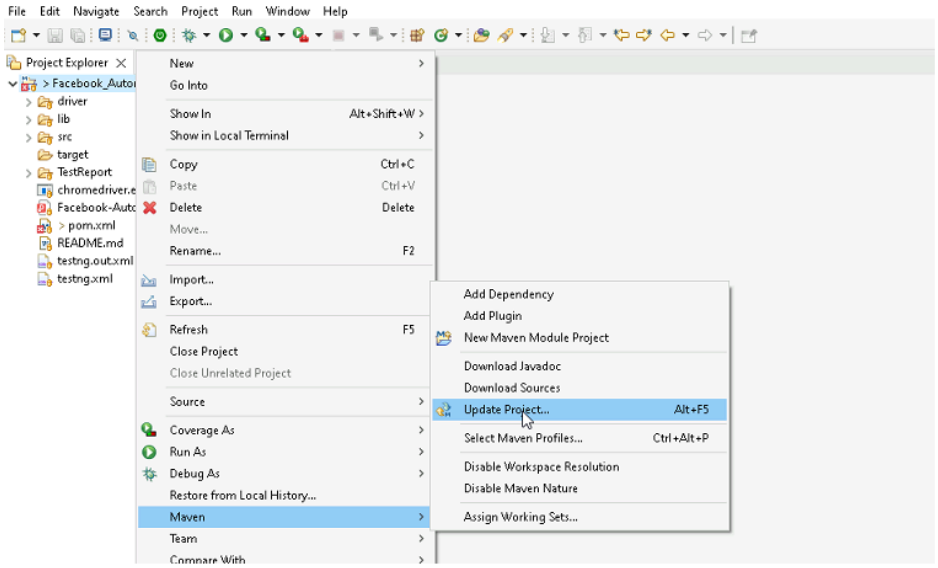


This will launch a command terminal that will keep pushing your updated code to GIT at regular intervals. Keep that command terminal open at the backend, and you can continue working on your project.

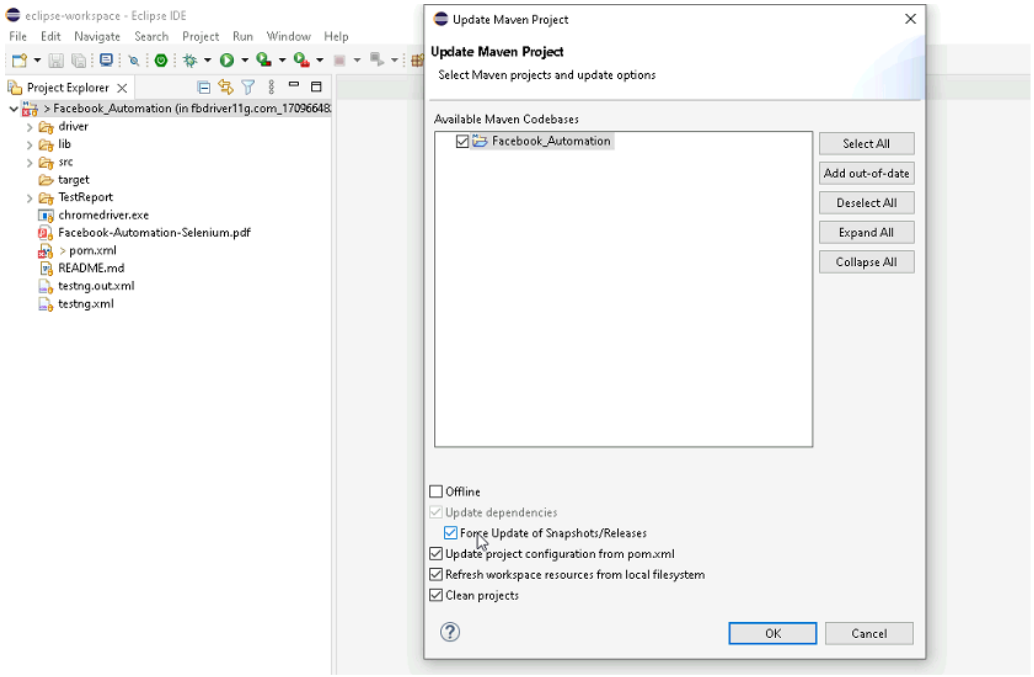


As soon as you import the project into Eclipse, update the project using the Maven update option as below. This is to resolve the issue if a maven dependency is not downloaded properly:

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:

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 the “Test” Folder. The files there are non-editable. Editing those files and trying to save them will throw errors and affect your evaluation.

Package	**Class/File**	**Description**
src/main/java/coreUtilities/utils/	FileOperations.java	1. Contains methods to read from an Excel file. 2. The method is in templated form. 3. **You will be required to implement these methods as the very first activity, because even the URL to navigate to is read using these methods.**
/src/main/java/pages	socialService_Pages.java	1. All core activities (mentioned in the list below “ Key Activites to Implement) are 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 the 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. A certain templated common method is declared here. 3. You implement them as per your needs. 4. You can add any additional methods for common activities here
	Testng.xml	Execution needs to kick-start 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 that 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.	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.

		3. Find the **"Last Name"** textbox and fill in the value.	
6	Verify the presence of the **"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 that the following warning message exists in the "SSU Information" Section of the "New SSU Patient Registration" form. warning message should be : Membership Scheme(s) is Mandatory.	**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. NA	Validate the warning message (Membership Scheme(s) is Mandatory).
8	Ensure that the "Target Group Certificate Type" textbox and "Certificate No." textbox are displayed after selecting "Yes" from the dropdown.	**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. Select "yes" from the "Has target group certificate?" dropdown	Verify that the "Target Group Certificate Type" textbox and "Certificate No." textbox should be displayed after selecting "Yes" from the "Has target group certificate?" dropdown.
9	Get the placeholder name of the "Address" text field of the "New SSU Patient Registration" page and verify the placeholder name.	**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 "Address" Textfield.	Verify that place placeholder value of the address textfield is "Address".

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

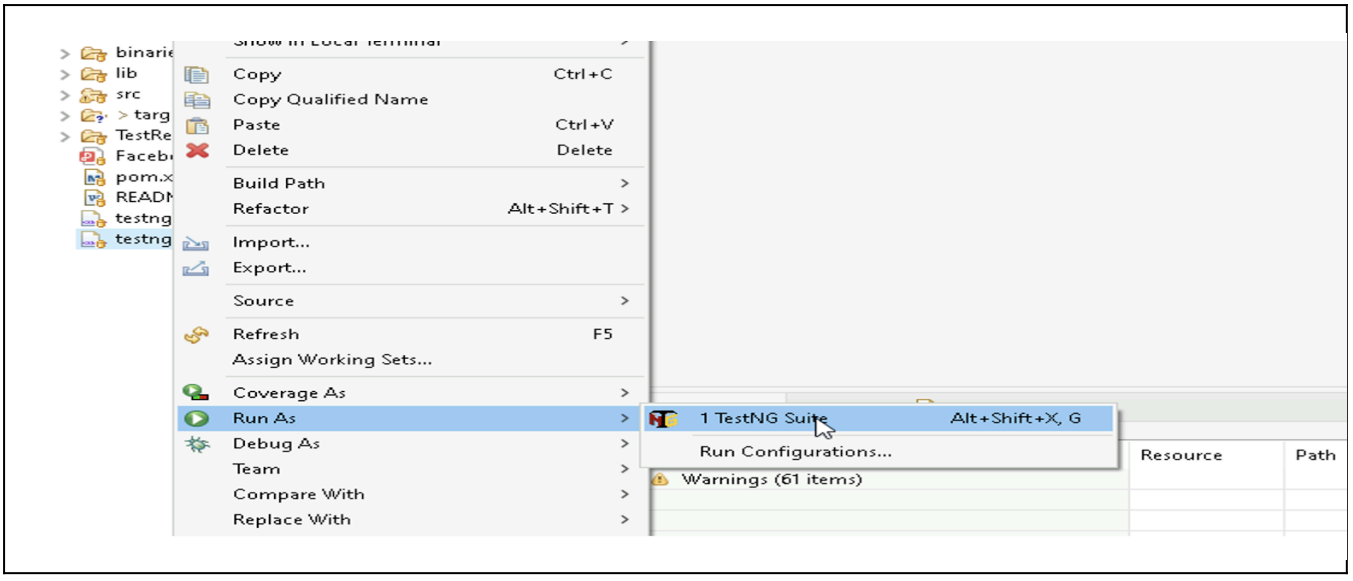
1.1 CODE QUALITY/OPTIMIZATIONS

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

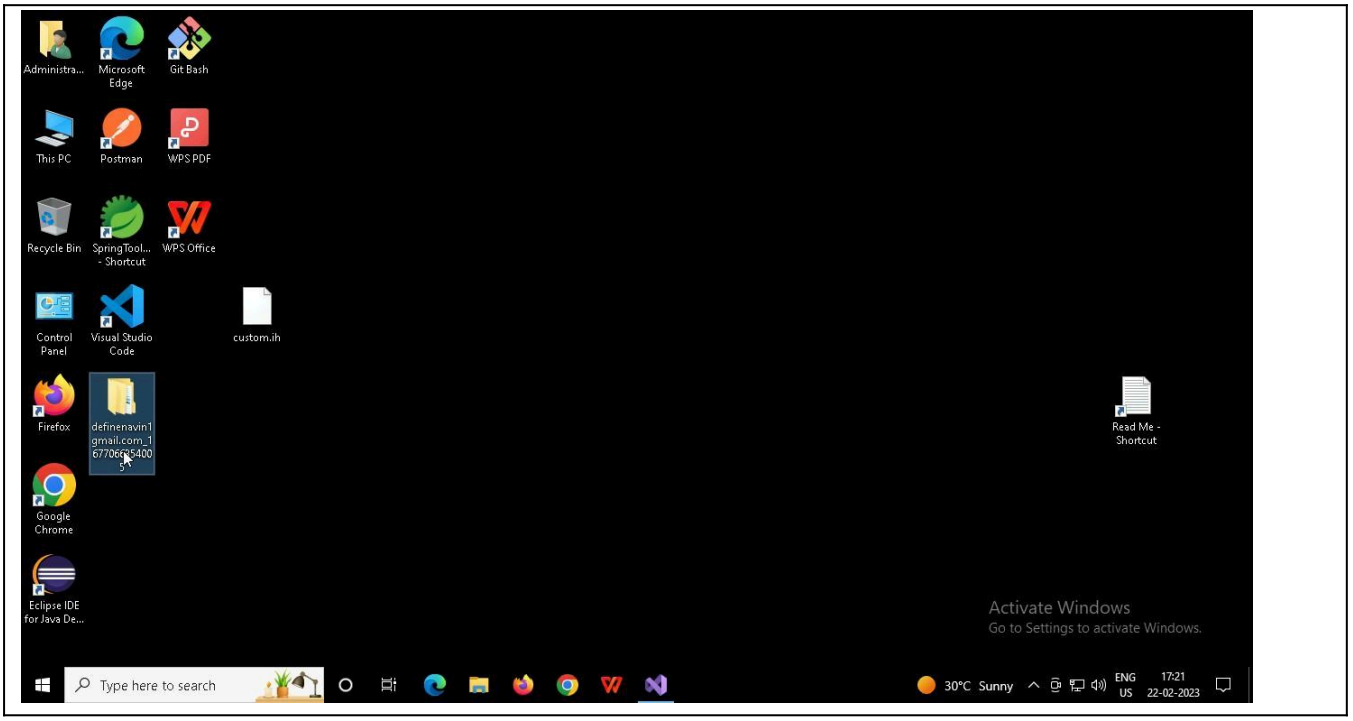
EXECUTION STEPS TO FOLLOW

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

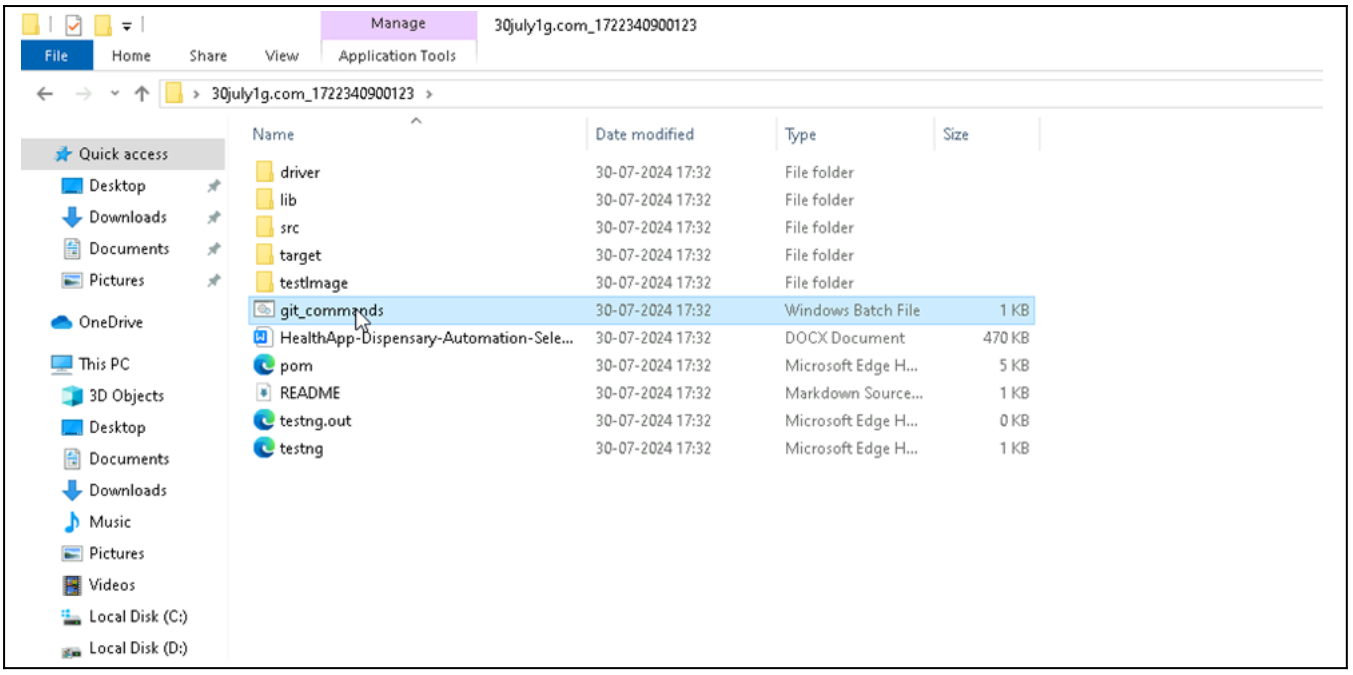
2. **You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite**



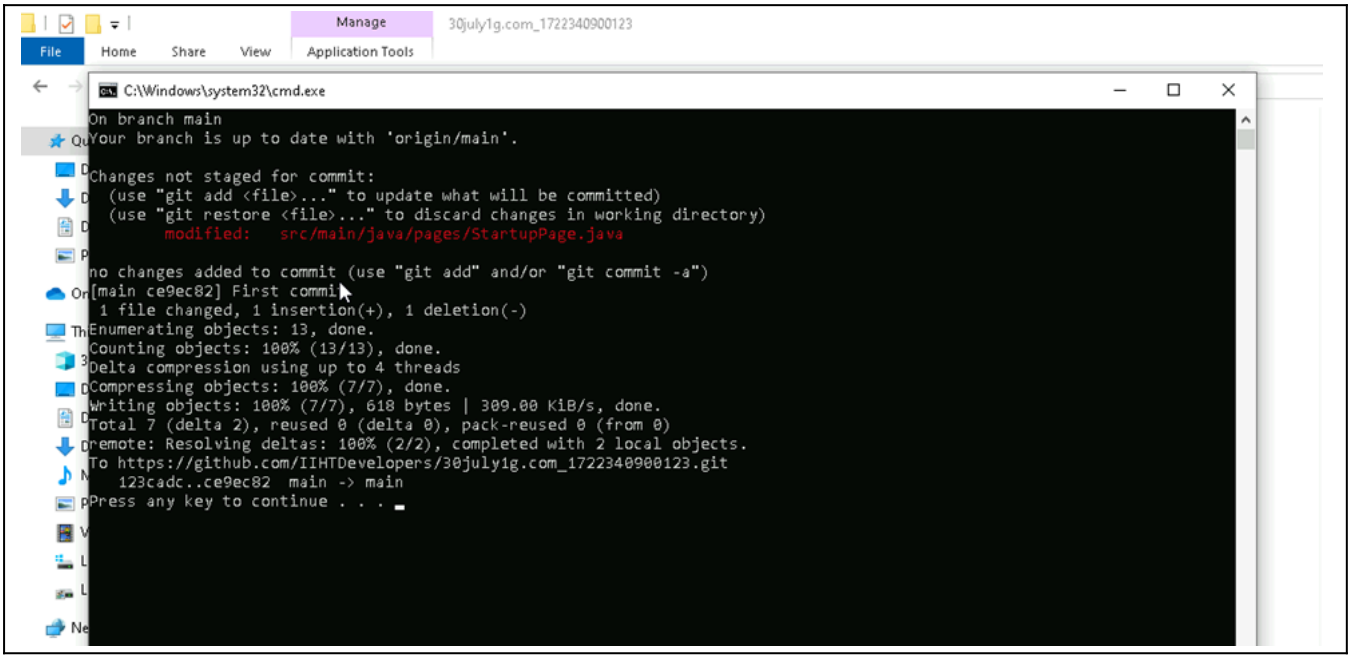
3. **Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**



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.



==========

All the Best

4.