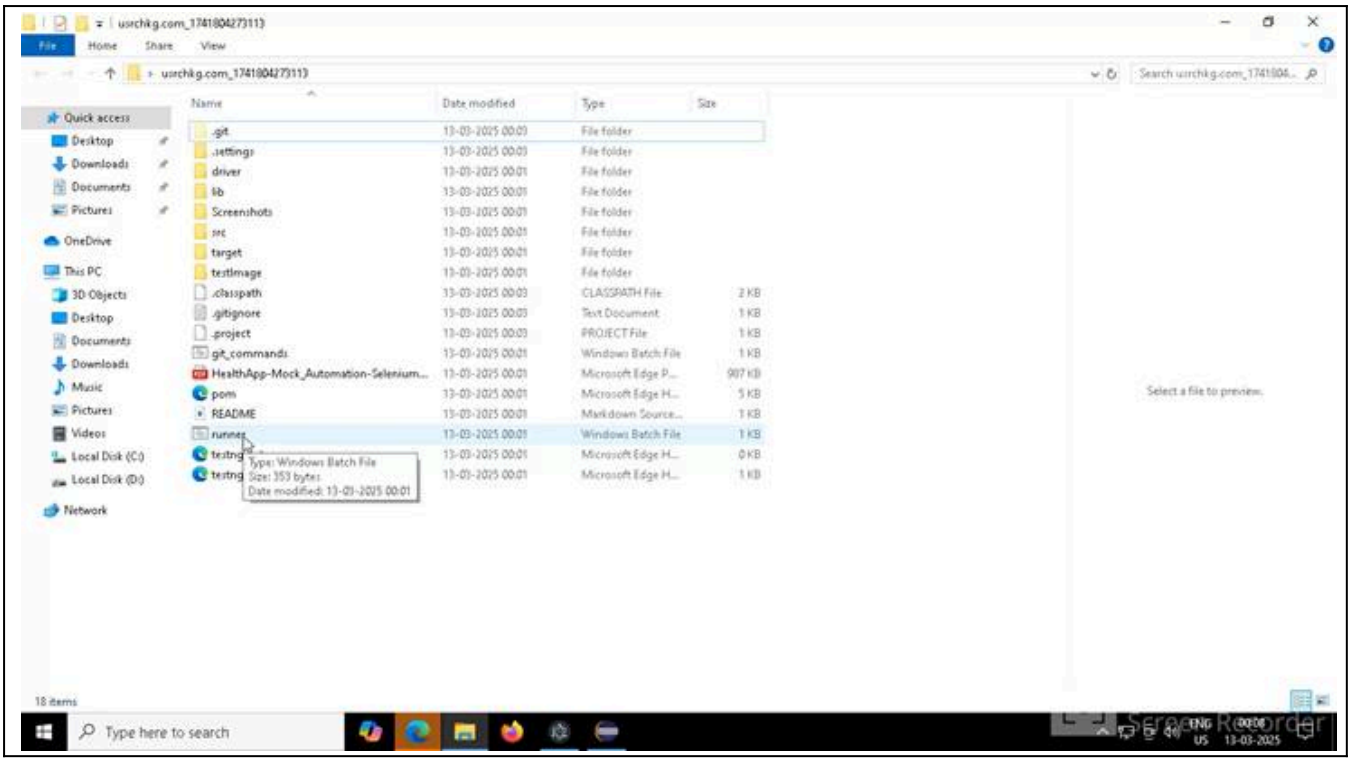
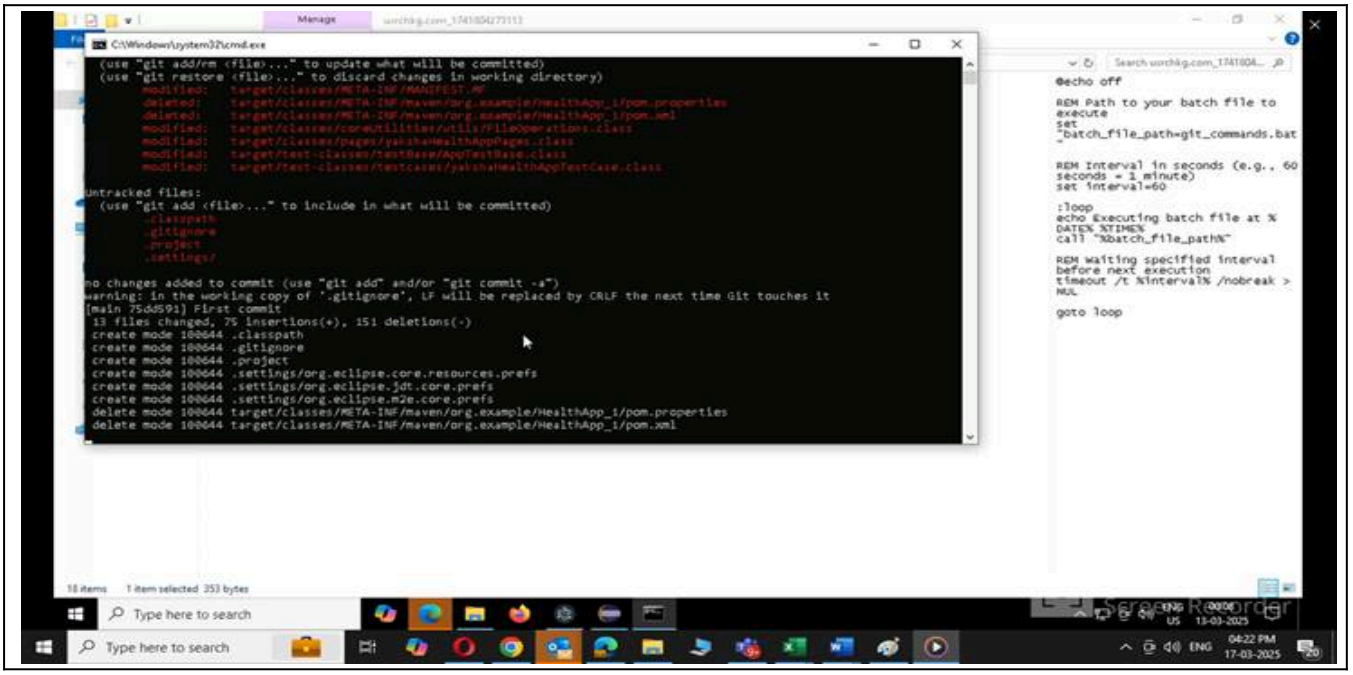
HealthApp Automation Pharmacy Module - PL1

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.

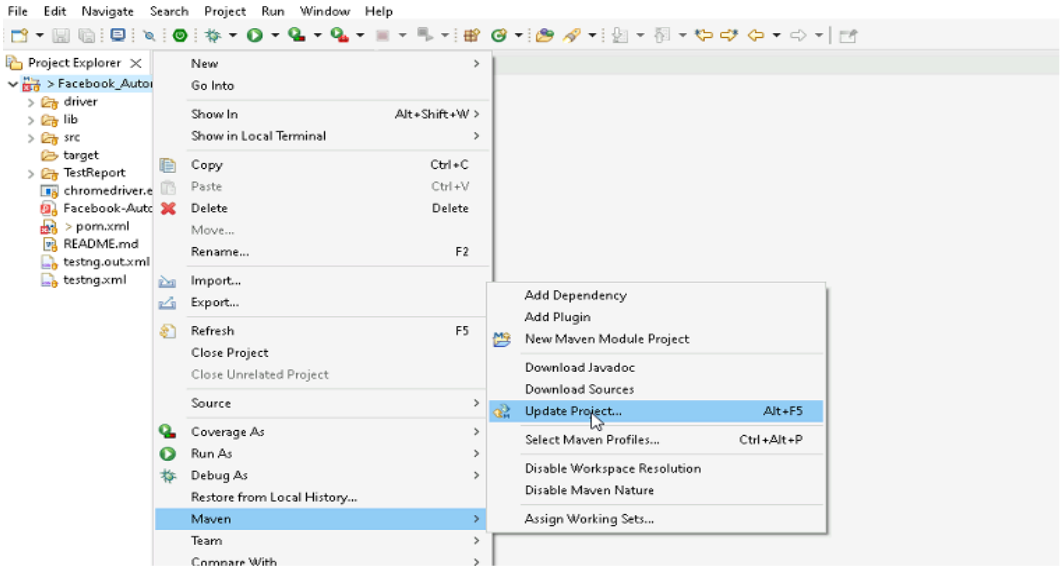


This will launch a command terminal for you where it will keep on pushing your updated code to GIT on regular intervals. Keep that command terminal open at backend and you can continue working on your project.

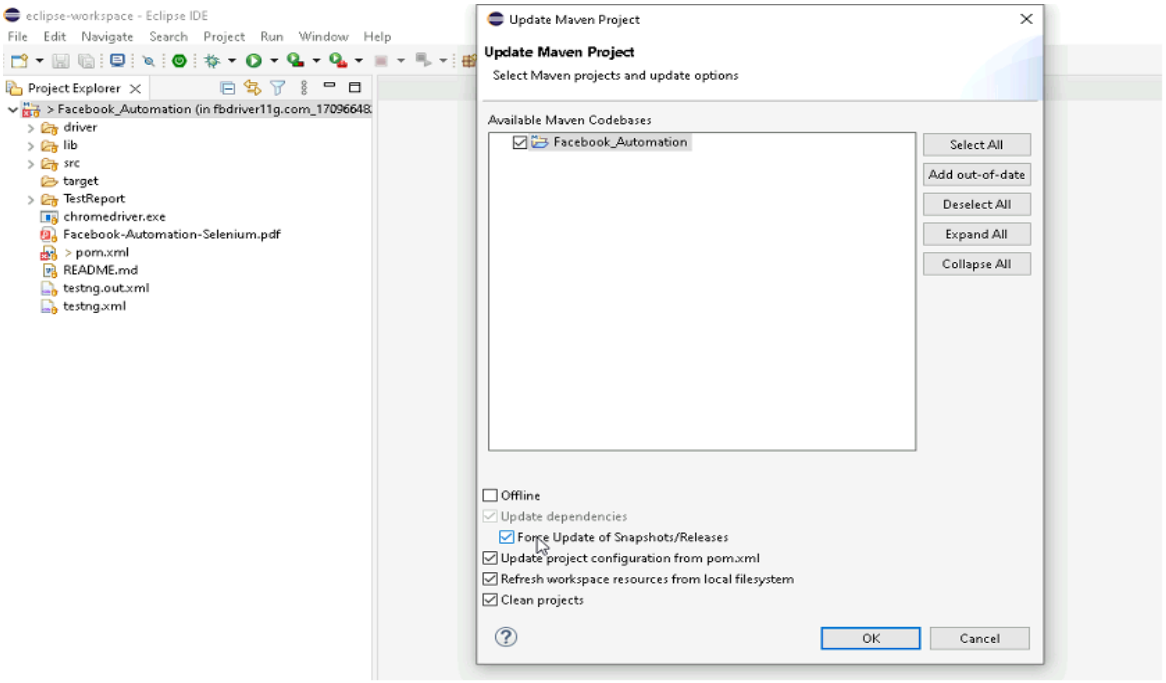


As soon as you import the project in Eclipse, update the project using the maven update option as below. This is to resolve the issue if any Maven dependency is not downloaded properly:

1. Right-click on the project: Go to “Maven” and select “Update Project”



2. In 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	**The method for reading data as input from an Excel file has already been implemented here.** **This method is used to fetch the required data from Excel including the URL for navigation.**
/src/main/java/pages	pharmacy_Pages.java	1. All core activities (mentioned in the list above) 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 CommonEvents class.
/src/main/resources/	Config.xlsx	URL to navigate: The 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 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:

Sl No.	Summary	Action	Expected Result
1	Verify the title and URL of the Home page.	1. go to the URL: https://healthapp.yaksha.com/ 2. Login with a valid credential **(username: admin, password: pass123)** and click on the "**Sign In**" Button.	Validate the title and URL of the Home page The title should be: **DanpheHealth.** **The** URL should be: **"https://healthapp.yaksha.com/Home/Index#"**
2	Ensure that the Pharmacy module is available within the HealthApp.	**Preconditions**: The user should be logged in. **Steps**: 1. Find and click on the Pharmacy module.	Verify the existence of the Pharmacy module by checking its URL. The URL should be: "https://healthapp.yaksha.com/Home/Index#/Pharmacy/Dashboard"
3	Ensure that all designated sub-modules are correctly displayed under the Pharmacy module.	**Preconditions**: The user must be logged in and should be in the Pharmacy section of the application. **Steps**: (No Steps here)	Verify that all expected sub-modules are displayed. Expected Sub modules are: "Order", "Supplier", "Report", "Setting", "Store", "Supplier Ledger" & "Substore Request/Dispatch"
4	Ensure that the components mentioned in the Expected result are displayed in the Order section of the Pharmacy module.	**Preconditions**: The user must be logged in and should be in the Pharmacy section of the application. **Steps**: 1. Click on the "Order" sub-module.	**Verify the Presence of Order Section Components.** **Tabs:** Check for the presence of the 'Purchase Order' and 'Goods Receipt' tabs. **Fields:** 'SearchBar' **Dropdown Menus**: 'Supplier name 'Date range'
5	Ensure that the Supplier section within the Pharmacy module is active.	**Preconditions**:The user must be logged in and should be in the Order sub-tab of the Pharmacy section. **Steps**: 1. Click on the "Supplier" section.	Validate that clicking on the "Supplier" link should lead the user directly to the Supplier section.
6	Ensure that attempting to print a receipt without filling out the necessary details triggers a few alerts and a validation message popup. Validate the message.	**Preconditions**:The user must be logged in and should be in the Supplier sub-tab of the Pharmacy section. **Steps**: 1. Click on the Order section. 2. Click on "Goods Receipt" if it is not selected by default. 3. Click on the "Add New Good Receipt" button. 4. Click the "Print Receipt" button. 5. Click "Ok" to acknowledge and close a couple of alerts.	After dismissing the alerts, an additional notification message will appear on the bottom, Verify This message should be "Please, Insert Valid Data".

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.

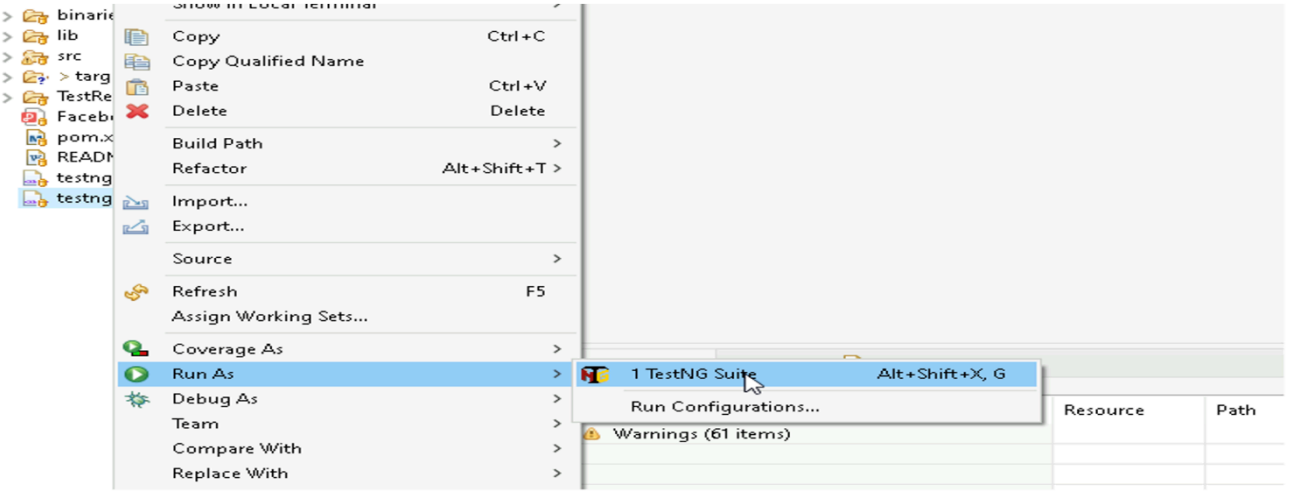
IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

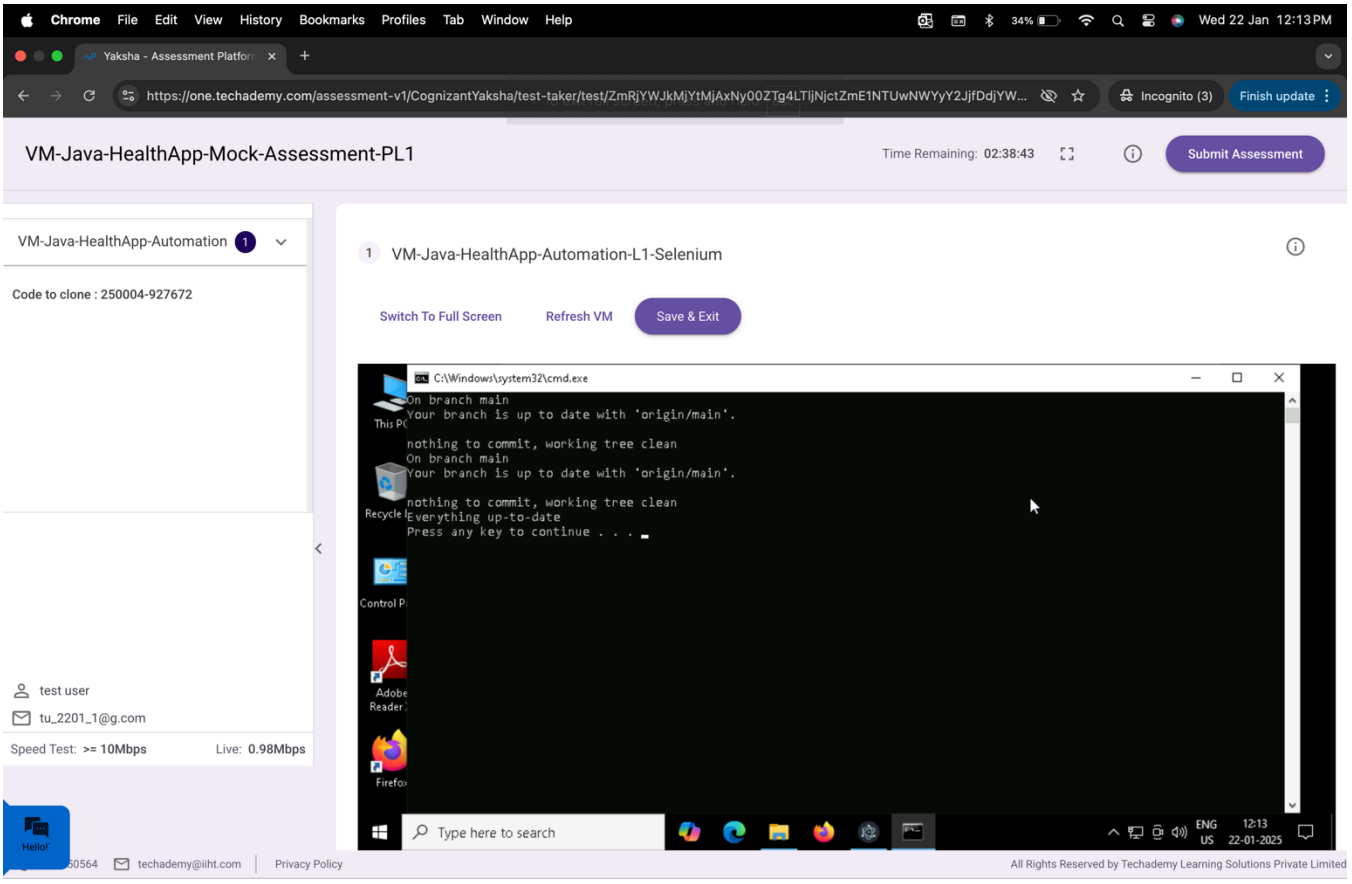
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

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