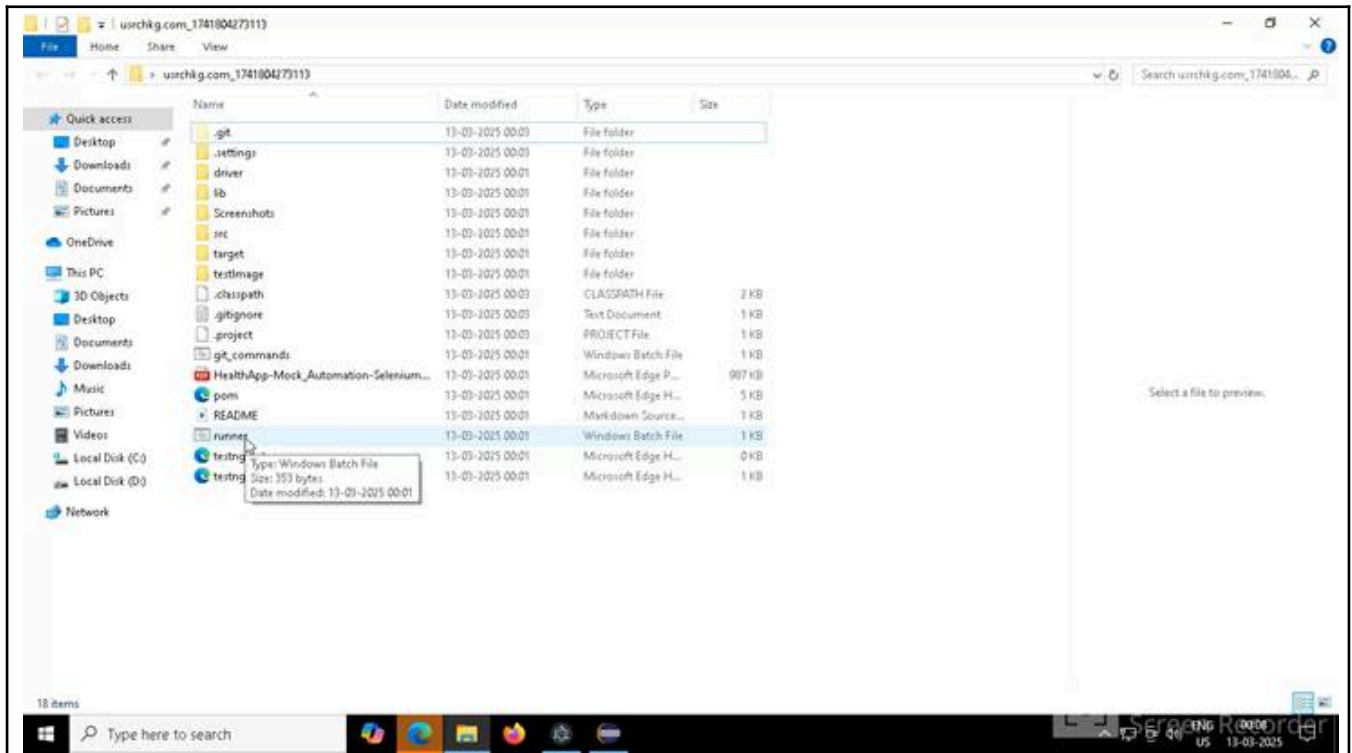


HEALTHAPP AUTOMATION

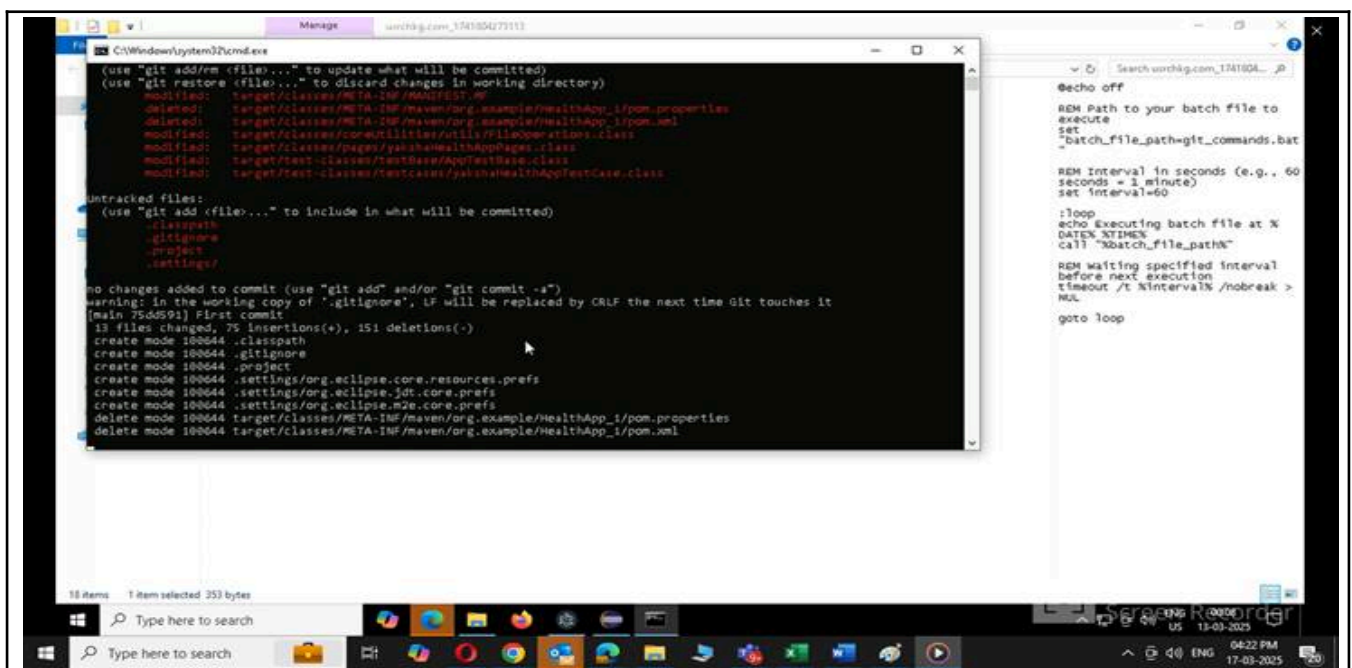
DOCTOR MODULE-PL2 WITH 9TCs

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.**

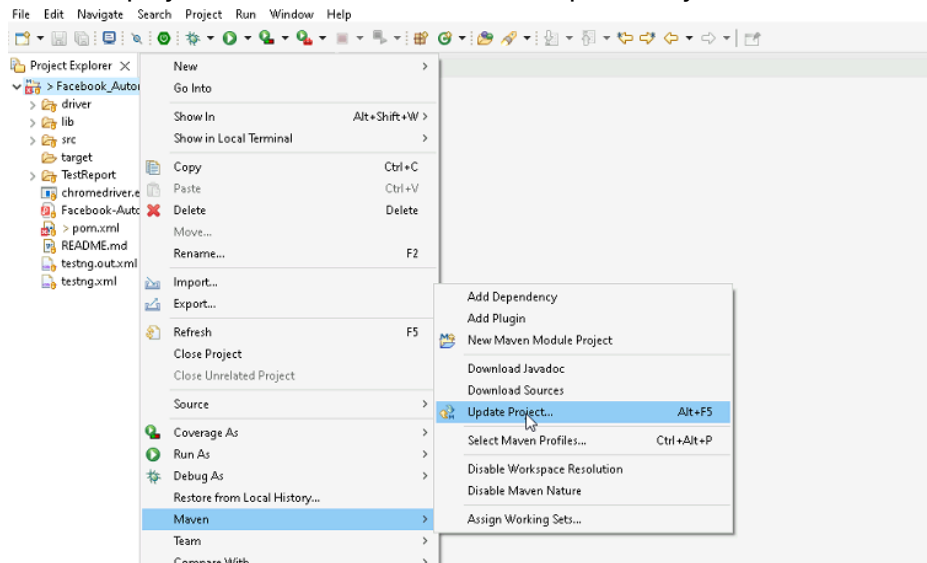


This will launch a command terminal for you, pushing your updated code to GIT at regular intervals. Keep that command terminal open at the backend and you can continue working on your project.

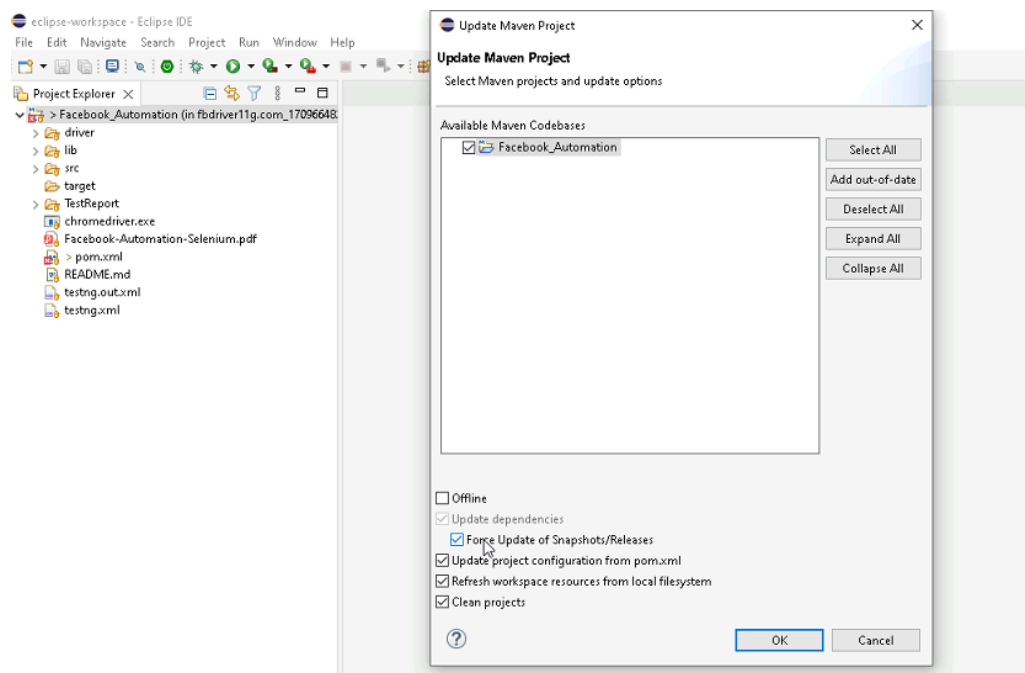


As soon as you import the project into Eclipse, update the project using the Maven update option as below. This is to resolve the issue if any Maven dependency is not downloaded properly:

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 the “Test” Folder. 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/utis/	FileOperations.java	<ol style="list-style-type: none"> 1. It contains methods to read data from Excel files. 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/	doctor_Pages.java	<ol style="list-style-type: none"> 1. All core activities (mentioned in the list “Key activities to implement” below) will 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
/src/test/java/testdata/	expected_data.xlsx	Contains data to fill in the form
/src/main/java/coreUtilities/utis	CommonEvents.java	<ol style="list-style-type: none"> 1. Contains all common

		<p>activities.</p> <ol style="list-style-type: none"> 2. A certain templated common method is 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	<ul style="list-style-type: none"> * Navigate to the URL. * Retrieve the Title and URL of the current page. * Verify Title & URL: Check if the title & URL matches the expected title. 	<ol style="list-style-type: none"> 1. Go to URL: https://healthapp.yaksha.com/ 2. login as a valid credential (username: admin, password: pass123) and click on the "Sign in" Button 	<p>Verify the title and URL of the Home page.</p> <p>The title should be : DanpheHealth URL should be : https://healthapp.yaksha.com/Home/Index#/</p>
2	Ensure the presence of the Doctor module in the health app's navigation and verify all associated submodules.	<p>Preconditions: The user must be logged into the health app.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Click on the expand icon (toggle key) of the Doctor Module. 	<p>Verify the presence of the following submodules under the Doctor Module:</p> <ul style="list-style-type: none"> ○ Out Patient ○ In Patient Department ○ Patient Record
3	To ensure the functionality of the 'Show Doctor Wise Patient List' checkbox.	<p>Preconditions: The user must be logged into the health app and navigated to the 'Doctor' module. The user is on the 'Out Patient' submodule.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Click on the "Show doctor wise patient list" checkbox, which is on the right side of the "New patient module". 2. Click the 'Show Doctor Wise Patient List' checkbox again to deselect it. 	Verify that the 'Show Doctor Wise Patient List' checkbox is selected and deselected successfully.
4	Ensure that the 'Department filter' dropdown is available in the 'In Patient Department' submodule and verify that 'NEUROSURGERY' can be selected and confirmed as the chosen option.	<p>Preconditions: The user must be logged into the health app and initially positioned within the 'Doctor' module.</p> <p>The user is navigating within the 'Out Patient' submodule.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Click to access the 'In Patient Department' submodule. 2. Select 'NEUROSURGERY' from the 	Verify that the 'NEUROSURGERY' is selected from the dropdown.

		"Department filter" dropdown.	
5	Confirm the presence of the "My Favorites" and "Pending List" buttons within the 'In Patient Department' submodule of the 'Doctor' module.	Preconditions: The user must be logged into the system. The user is already navigated to the 'In Patient Department' submodule within the 'Doctor' module. Steps: <ol style="list-style-type: none"> 1. Not applicable 	Verify that both the "My Favorites" and "Pending List" buttons are present on the page.
6	To ensure that the "Pending List" button functions correctly to display pending records, and that the "Show Details" link opens the "Progress Note" form, with further validation of the form's title as "Progress Note".	Preconditions: The user must be logged into the health app. The user is on the 'Inpatient Department' submodule within the 'Doctor' module. Steps: <ol style="list-style-type: none"> 1. Click on the "Pending List" button to display pending table records. 2. Click on "Show Details" of the first row in the table record 	Verify that the title accurately displaying as "Progress Note".
7	Ensure that within the "In Patient Department" submodule, filtered by the "NEUROSURGERY" department, the Doctor's name associated with a specific hospital number can be correctly retrieved and verified.	Preconditions: The user must be logged into the health app. The user is on the "In Patient Department" submodule within the "Doctor" module. Steps: <ol style="list-style-type: none"> 1. Close the form(if open) 2. Click the "pending list" button 3. In the search text box enter the hospital numer : 2312000010 	Verify that the retrieved "Doctor Name" matches with "Dr. Amit Shah".
8	Verify that attempting to add surgical history without specifying necessary details prompts an appropriate error message, specifically checking for ICD-11 code selection.	Preconditions: The user is logged into the health app and on the "Inpatient Department" submodule, with the patient record filtered as of TC-7. Steps: <ol style="list-style-type: none"> 1. Click on the preview icon (1st icon in the actions column) of the filtered. 2. Click the "Problems" section from the left navigation menu. 3. Click on the "Surgical History" tab. 4. Click on the "+ Add New" button. 5. Click the "Add" button on the "Add Surgical History" form without entering any information. 	Verify that clicking on "Add" without the necessary details (ICD-11 code) should trigger a specific error message, "Select ICD-11 Code".
9	Ensure the presence of the "Update" button at the bottom of the "Discharge Summary" page.	Preconditions: The user is logged into the health app. The user is still in the "Preview" section of the patient as of the last step (TC8). Steps: <ol style="list-style-type: none"> 1. Click on "Discharge Summary" located on the left navigation of the page. 2. Scroll to the bottom of the page. 	Verify the presence of the "Update" button at the bottom of the page.

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.

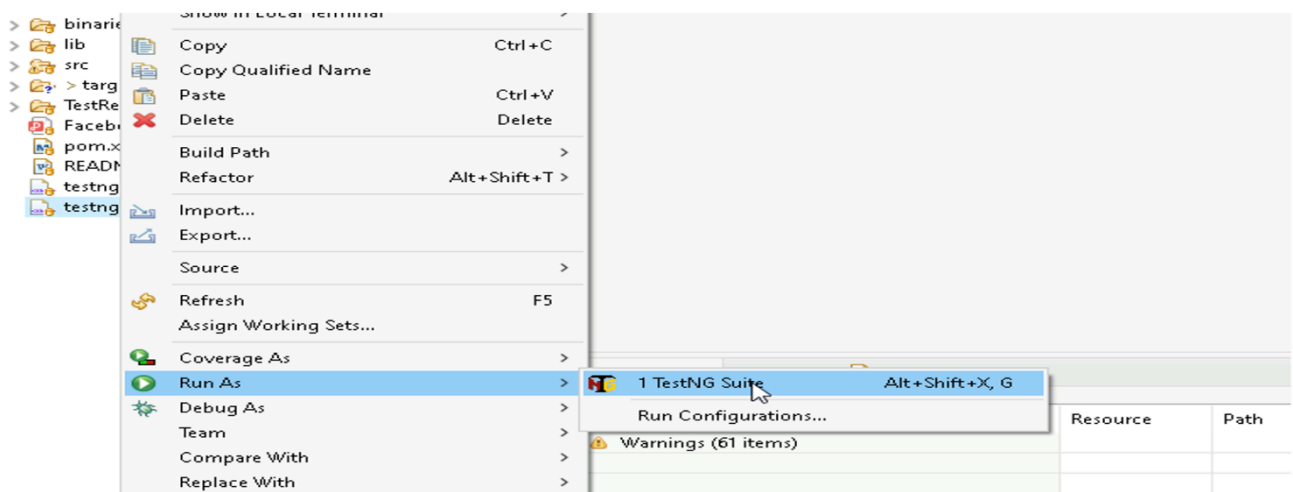
IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

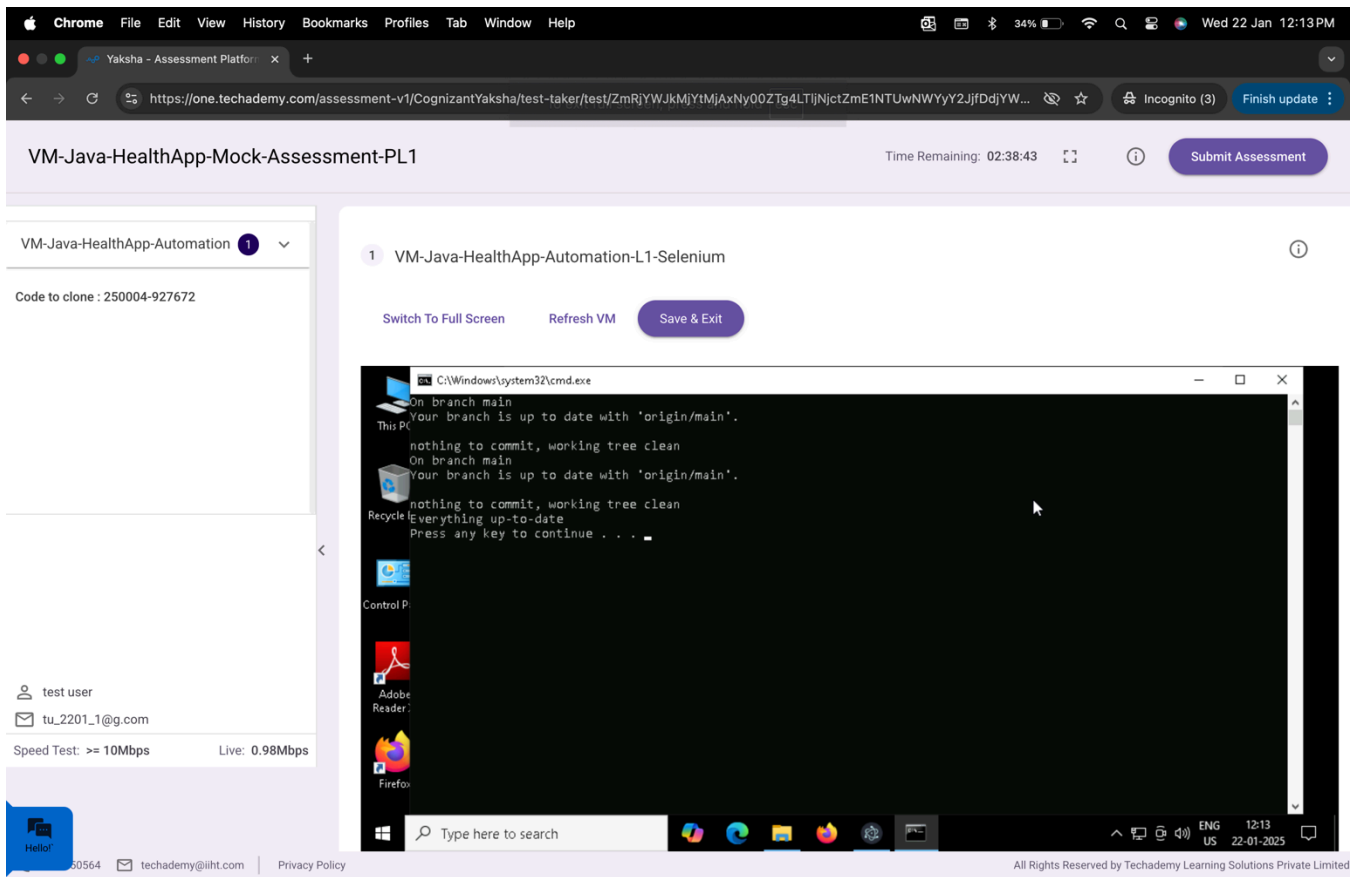
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

EXECUTION STEPS TO FOLLOW

1. You are mandatory required to run test cases for applications before final submission. Without this, the project evaluation would not have happened.
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