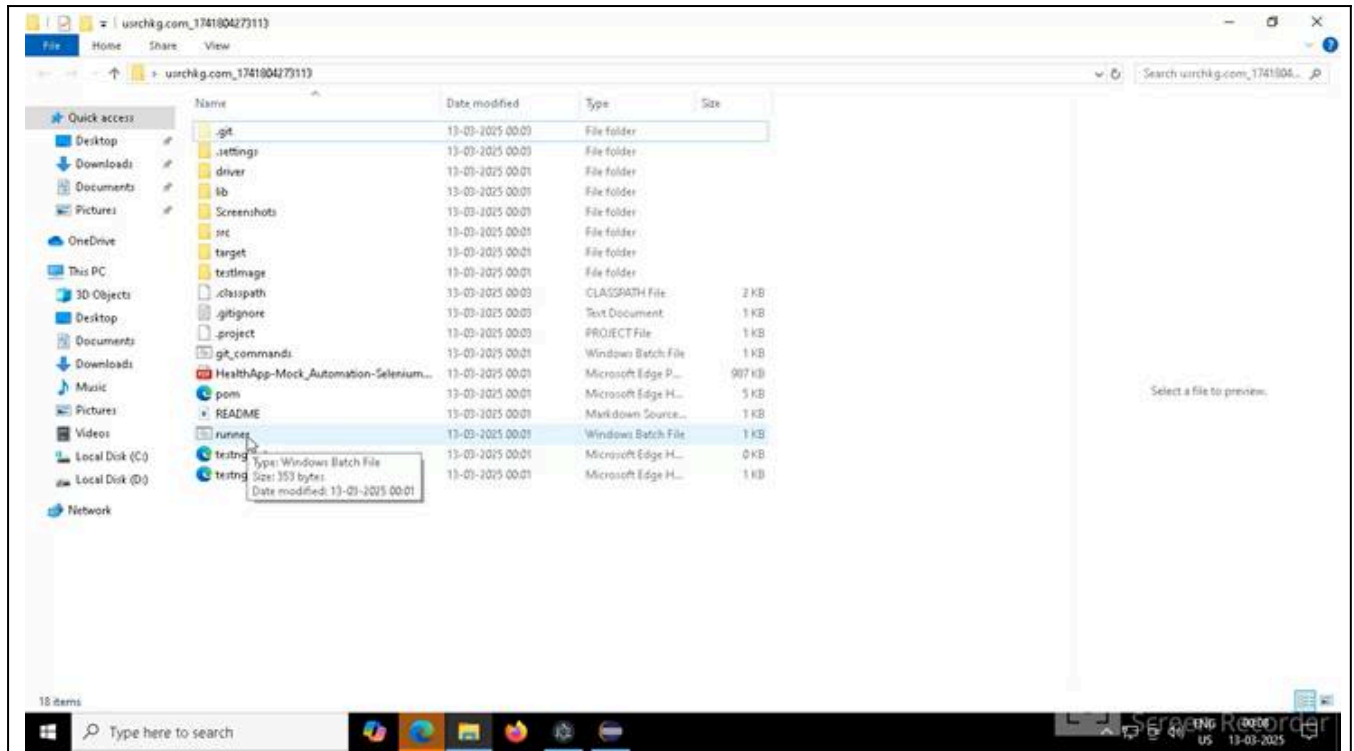


HEALTHAPP AUTOMATION

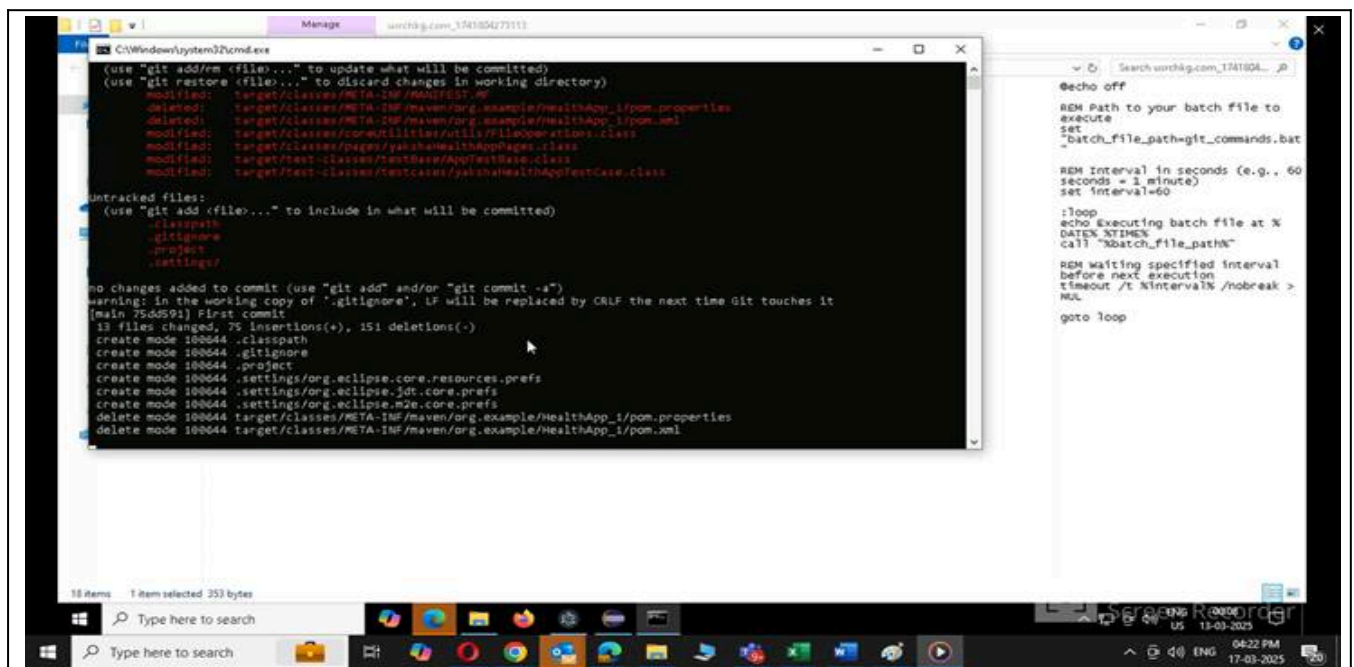
DOCTOR MODULE-PL1 WITH 8TCs

## 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.**

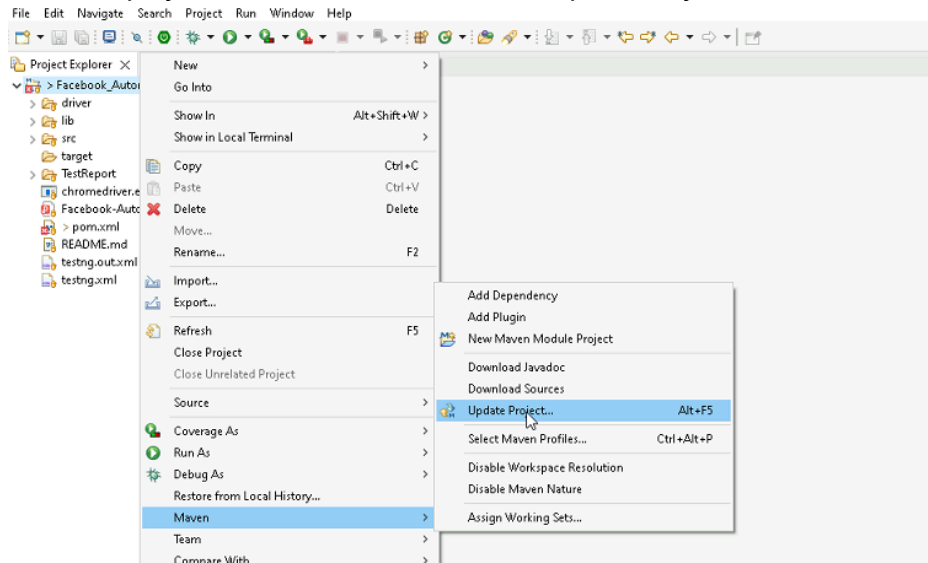


This will launch a command terminal for you, pushing your updated code to GIT at regular intervals. Keep that command terminal open at the backend and you can continue working on your project.

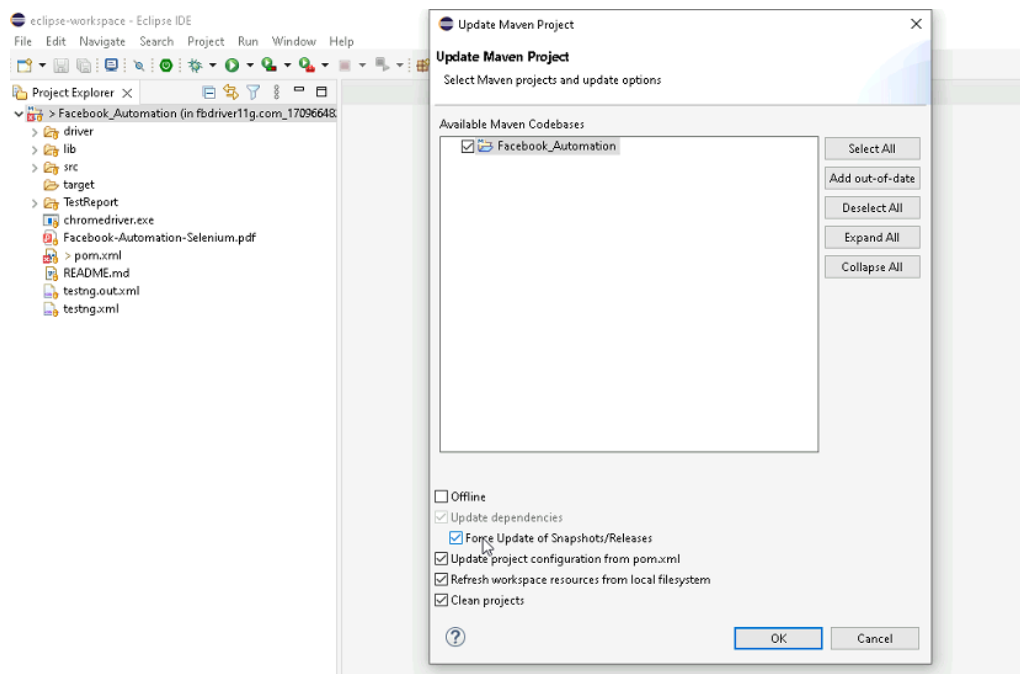


As soon as you import the project in Eclipse, update the project using the maven update option as below. This is to resolve the issue if any Maven dependency is not downloaded properly:

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 the "Test" Folder. Files there are non-editable. Editing those files and trying to save them will throw errors and would affect your evaluation.

Package	Class/File	Description
src/main/java/coreUtilities/utis/	FileOperations.java	<b>The method for reading data as input from an Excel file has already been implemented here.</b> <b>This method is used to fetch the required data from Excel including the URL for navigation.</b>
/src/main/java/pages	doctor_Pages.java	<ol style="list-style-type: none"><li>1. All core activities (mentioned in the list "Key activities to implement" below) are to be performed here.</li><li>2. The comments associated with each templated method here describe the expectation.</li><li>3. You can define locators and xpath here.</li><li>4. Declare any variable/object you need to share data/status between different methods.</li><li>5. Do not modify the signature of methods declared here.</li><li>6. You can create additional supportive common methods in CommonEvents class.</li></ol>
/src/main/resources/	Config.xlsx	URL to navigate to. Already URL is already defined here
	expected_data.xlsx	Contains data to fill in form
/src/main/java/coreUtilities/utis	CommonEvents.java	<ol style="list-style-type: none"><li>1. Contains all common activities.</li><li>2. Certain templated common method declared here.</li><li>3. You implement them as</li></ol>

		per your need. 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:

SI No.	Summary	Action	Expected Result
1	* 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.	1. Go to URL: <a href="https://healthapp.yaksha.com/">https://healthapp.yaksha.com/</a> 2. login as a valid credential (username: <b>admin</b> , password: <b>pass123</b> ) and click on the "Sign in" Button	Verify the title and URL of the Home page.  The title should be : DanpheHealth URL should be : <a href="https://healthapp.yaksha.com/Home/Index#/">https://healthapp.yaksha.com/Home/Index#/</a>
2	Ensure the presence of the Doctor module in the health app's navigation and verify all associated submodules.	<b>Preconditions:</b> The user must be logged into the health app. <b>Steps:</b> 1. click on the expand icon (toggle key).	Verify the presence of the following submodules under the Doctor Module: <ul style="list-style-type: none"> <li>○ <b>Out Patient</b></li> <li>○ <b>In Patient Department</b></li> <li>○ <b>Patient Record</b></li> </ul>
3	To ensure the functionality of the 'Show Doctor Wise Patient List' checkbox.	<b>Preconditions:</b> The user must be logged into the health app and navigated to the 'Doctor' module.  The user is on the 'Out Patient' submodule. <b>Steps:</b> 1. Click on the 'Show Doctor Wise Patient List' checkbox to select it. 2. Click again on the 'Show Doctor Wise Patient List' checkbox 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.	<b>Preconditions:</b> The user must be logged into the health app and initially positioned within the 'Doctor' module.  The user is navigating within the 'Out Patient' submodule. <b>Steps:</b> 1. Click to access the 'In Patient Department' submodule. 2. Select 'NEUROSURGERY' from the options available within the dropdown.	Verify that the 'NEUROSURGERY' is selected from the dropdown.

5	Confirm the presence of the "My Favorites" and "Pending List" buttons within the 'In Patient Department' submodule of the 'Doctor' module.	<b>Preconditions:</b> The user must be logged into the system. The user is already navigated to the 'In Patient Department' submodule within the 'Doctor' module. <b>Steps:</b> 1. <b>Not applicable</b>	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".	<b>Preconditions:</b> The user must be logged into the health app. The user is on the 'In Patient Department' submodule within the 'Doctor' module. <b>Steps:</b> 1. Click on the "Pending List" button to display pending table records. 2. Click on "Show Details" of the first table record. 3. Retrieve and return the title of the form.	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.	<b>Preconditions:</b> The user must be logged into the health app. The user is on the "In Patient Department" submodule within the "Doctor" module. <b>Steps:</b> 1. Close the form(if open) 2. Click the "pending list" button 3. Retrieve the doctor's name for the patient with Hospital Number "2312000010".	<b>Verify</b> 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.	<b>Preconditions:</b> The user is logged into the health app. The user is on the "In Patient Department" submodule, with the patient record table displayed, filtered by the "NEUROSURGERY" department. <b>Steps:</b> 1. click on the preview icon to access the detailed IPD page for this patient with "Hospital Number" "2312000010". 2. <b>Click the</b> "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".

**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.

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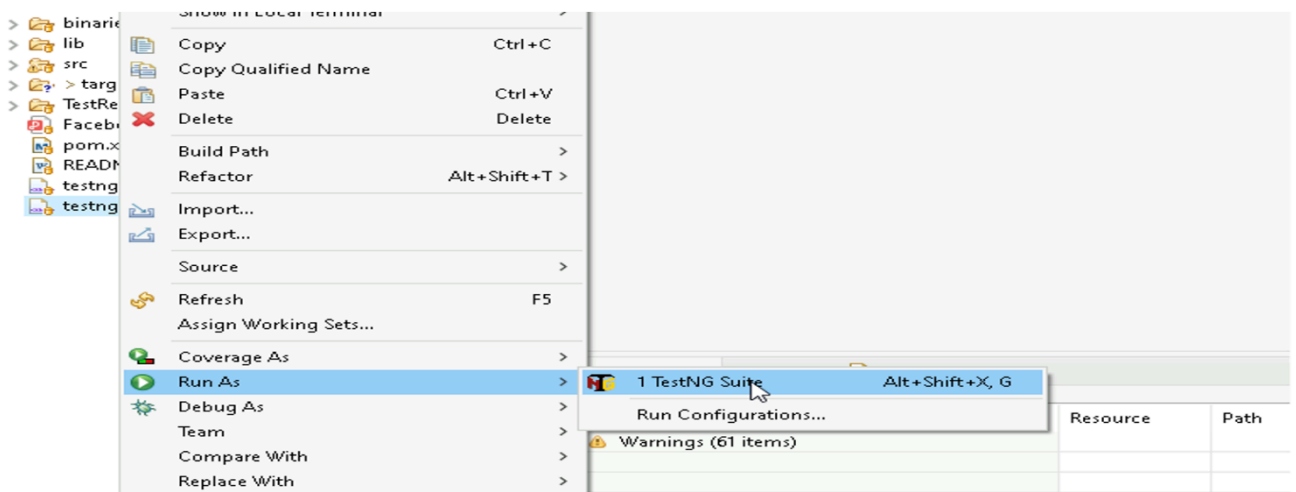
## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

### 1.1 CODE QUALITY/OPTIMIZATIONS

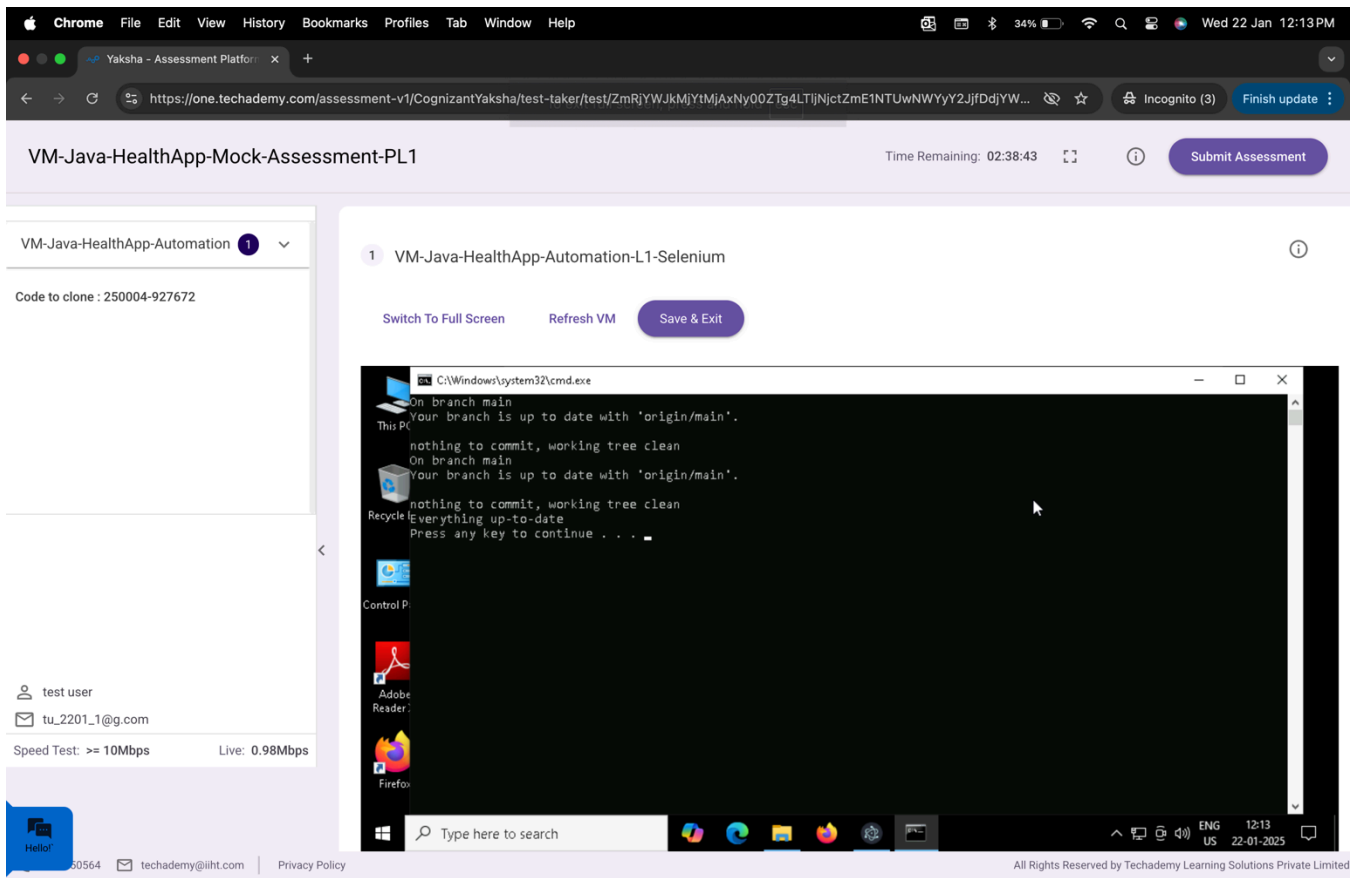
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

## 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



