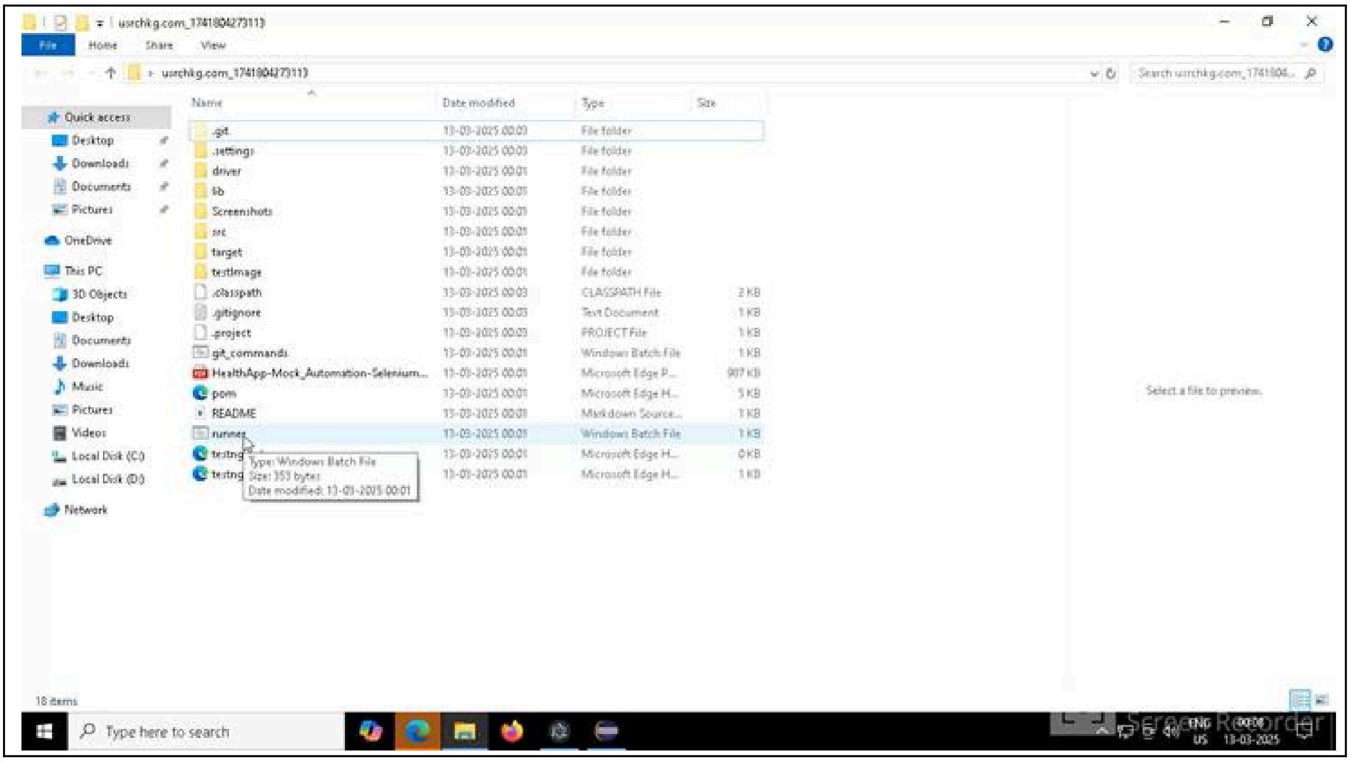
HealthApp Automation

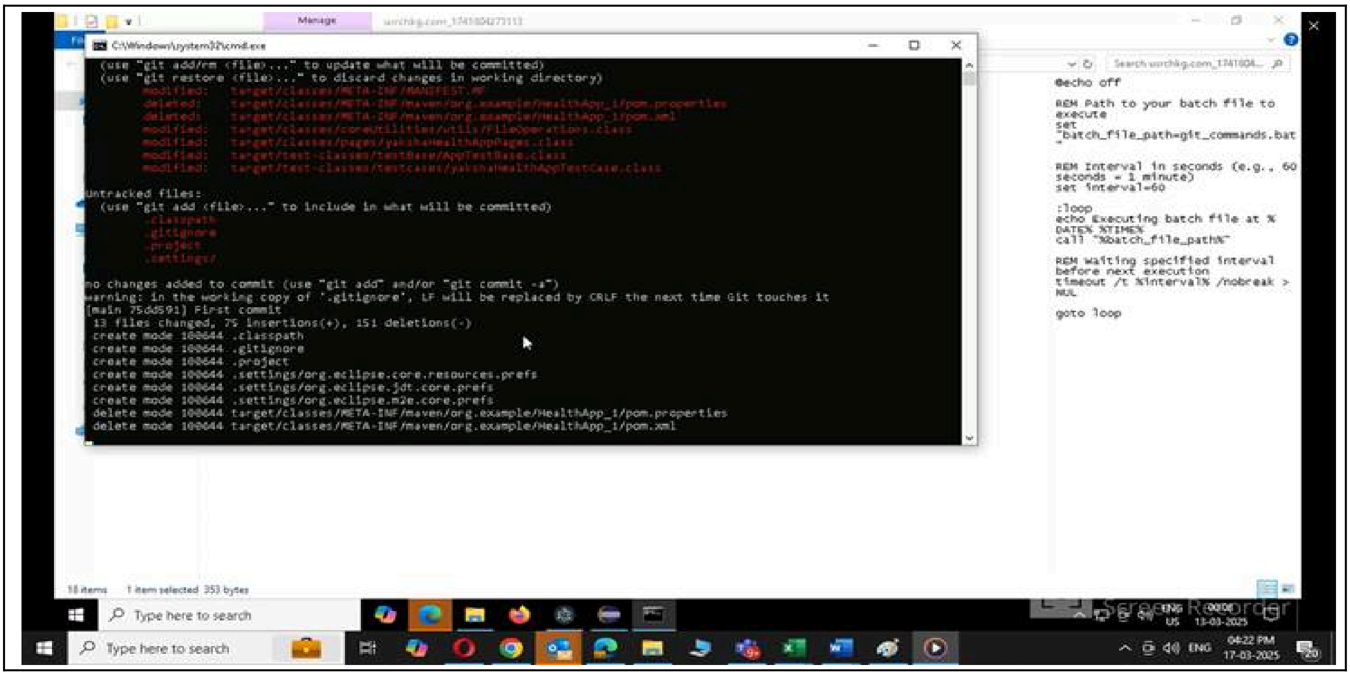
Dispensary module -PL1

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.

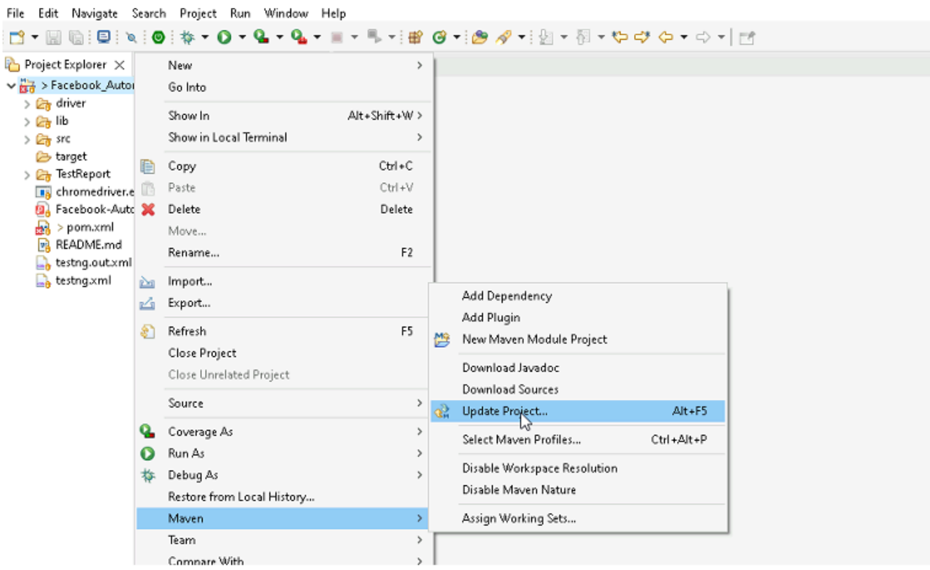


This will launch a command terminal for you where it will keep on pushing your updated code to GIT on regular intervals. Keep that command terminal open at backend and you can continue working on your project.

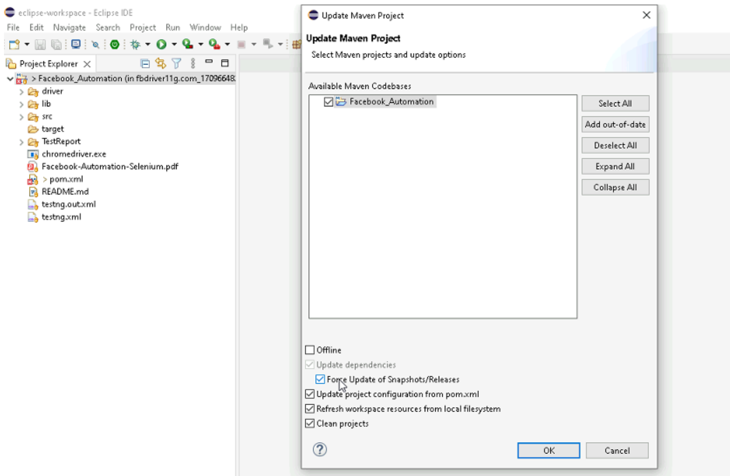


As soon as you import the project in Eclipse, update the project using the maven update option as below. This is to resolve the issue if any Maven dependency is not downloaded properly:

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



2. In 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/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	Dispensary_Pages.java	1. All core activities (mentioned in the list" Key Activities to implement" below) 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 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. Certain templated common methodsare 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 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 4. Validate the title and URL of the Home page	The title should be : **DanpheHealth** URL should be : **https://healthapp.yaksha.com/Home/Index#/**
2	Verify the Presence of the Dispensary Module.	**Precondition:** The User must be logged in to the HealthApp System. **Test Steps (for navigation purposes only) :** 1. Navigate to the Left Navigation Panel. 2. Check for the Dispensary Module. Verify the Presence of the Module.	dispensary Module should be present
3	Verify the Presence of Sub-Modules under the Dispensary Module.	**Precondition:** The User must be logged in to the HealthApp System. **Test Steps (for navigation purposes only) :** 1. Locate the "Dispensary" module in the left navigation panel and click the expand icon to view its contents. 2. Look for the following sub-modules within the "Dispensary" module: - Prescription - Sale - Stock - Counter - Reports - Patient Consumption 3. Ensure all listed sub-modules are present.	All mentioned sub-modules should be present under the Dispensary Module.

4	Verify the presence of the following elements at the bottom of the "Sale" page: - Print Invoice Button - Discard Button - Invoice History - Credit Limits and Balances	**Precondition:** The "**Counter**" sub-module of the "**Dispensary**" modules should be pre-selected. **Test Steps (for navigation and verifying the presence of elements only) :** 1. Click on the "Morning Counter" link text 2. It should navigate to the "Sale" page. 3. Scroll to the bottom of the page.	Verify the presence of the following elements at the bottom of the "Sale" page: - Print Invoice Button - Discard Button - Invoice History - Credit Limits and Balances
5	Perform the keyboard operation “Alt+N” to open the "**Add New Patient**" popup form and verify its title.	**Precondition:** The "**Sale"** page must be pre-selected. **Test Steps (to verify the keyboard action) :** 1. Press **"Alt + N"** from the keyboard, 2. Then "A**dd New Patient**" form should pop up.	Verify the title of the form is "**Add New Patient**" displayed over the top of the form.
6	Validate the error message shown by the “First Name” text field after clicking the "**Ok"** Button without filling any information in the form.	**Precondition:** Ensure the "Add New Patient" Form is Open and ready for inputs. **Test Steps (to verify the error message only) :** 1. Attempt to submit the form by clicking the "OK" button without entering any information in the form fields.	Check for an error message that should appear under the "First Name" text field. Verify that the error message is appropriate (e.g., "First Name is required") and visible under the "First Name" text field.
7	Fill in all the text fields which are present inside the "Add New Patient" form. Check each field to ensure the information entered is accurate and correctly formatted.	**Precondition:** Ensure the "Add New Patient" Form is Open and ready for inputs. **Test Steps (for the validation of entered data) :** **Fetch the following values from expected_data.xlsx** 1. Enter the valid name in the First Name Field 2. Enter the valid middle name in the Middle Name Field 3. Enter a valid last name in the Last Name Field 4. Enter valid age in the Age Field 5. Enter the Valid number in the Contact Number Field This structured format ensures that all necessary personal details are correctly filled into the "Add New Patient" form.	Given text fields value inside the "Add New Patient" form are filled with appropriate information. The entered data should be correctly displayed in First Name, Middle Name, Last Name, Age and Contact Number Field on the "**Add New Patient"** form.
8	On the "**New Consumption Entry** page, verify the confirmation Message that is "**Are you sure you want to Proceed ?**".	**Precondition:** The user is logged in and the "Add New Patient" Form is Open. **Test Steps (for the validation of the popup message) :** 1. Click on the cross "X" of the Add New Patient popup. 2. Click on the "**Patient Consumption**" sub-modules of the Dispensary module. 3. Click on the "**New Consumption**" button, and then the "New Consumption Entry" form will pop up. 4. Directly click on the "Save Consumption" button without fill any information. 5. Then click on the confirm button. 6. Then close the "New Consumption Entry's page.	Verify the popup with the confirmation message **"Are you sure you want to Proceed ?"** is displayed**.**
9	On the Stock page, select a “Main store” from the Filter by Store dropdown and make sure that the data in the table below is filtered accordingly.	**Precondition:** The user is logged in and the "Add New Patient" Form is Open. Steps: 1. Click on Stock 2. Click on “Stock Details List” if its not preselected. 3. select "Main Store" from the filter by store dropdown.	Verify that the data is filtered by "Main Store".

10	Validate "create requisition" button is present or not	**Precondition:** The user is logged in and currently he is on Dispensary -> Stock -> Stock details list Steps: 1. Click on the "Requisitions" Tab. 2. Click on the “Create Requisition” button.	Verify that the page title of the page opens by the Create requisition button. The title should be: “ Add Requisition”.
11	Ensure the "Item Name", “Requesting Quantity” and “Remark” text fields are present on the "Add Requisition" page.	**Precondition:** The user is logged in and currently he is on Dispensary -> Stock -> Stock details list->Add Requisition page. **Steps:** 1. Click on the "+" icon 2. Click on Cancel Button	Verify that the "Item Name", “Requesting Quantity” and “Remark” text field
12	Verify Requisition Details Print page	Precondition: The user is logged in and currently he is on Dispensary -> Stock -> Stock details list. Steps: Set the from Date as 08-01-2020 and To date as the Current Date. Click on the Ok Button Click on the "View" button of the first record	1. erify the page name should be “REQUISITION DETAILS PRINT”. 2. Validate "print" and "Requisitions List" buttons are present
13	Get the medicine name from the "Requisition Details Print" page.	**Precondition:** The user is logged in and currently he is on Dispensary -> Stock -> Stock details list->Requisition details page.	On the "Requisition Details Print" page, Get the medicine name from the "Requisition Details Print" table and validate that the medicine name is not blank.
14	Get the placeholder name of the address text file and verify the placeholder name.	Precondition: The user is logged in.” Steps: 1. Click on the Social Service. 2. Click the “Register New SSU Patient” button 3. Click on the “Address: Text field.	Verify the placeholder name. It should be as “Address”.
15	Close this "New SSU Patient Registration" popup by using JavaScript.	**Precondition:** The user is logged in. New SSU Patient Registration is open. 1. Click on the "X" button using javaScript	Verify the “X” button is clicked and the "New SSU Patient Registration" popup form is closed.
16	verify tooltips which is present inside the Appointment tab	**Precondition:** The user is logged in. Steps: 1. Click on the "Appointment" module. 2. Click on the "Morning Counter 1" link 3. Mouse hover to the Keyboard icon	Verify the tooltip message. it should be as : “ALT + N = New Patient”.
17	Simply select India from the country dropdown menu and ensure India is selected.	**Precondition:** The user is logged in. Steps: 1. Click the “Sale” submodule of “Dispensary”. 2. Perform “Alt+N” Keyboard operation. 3. Select the country as “India” in the country dropdown.	Verify that the user is able to select the country as “India” from the country dropdown menu.
18	Take a screenshot of the current page.	**Precondition:** The user is logged in. The “Add New Patient” form is open. Steps: 1. Close the “Add New Patient” form. 2. Take a screenshot of the Current page. (Store in the Screenshot folder)	Verify that the user is able to take a screenshot of the page.

19	Upload an image in the Scanned Images section	Precondition: The user is logged in. Steps: 1. Click the Procurement Module. 2. Click Settings Tab 3. Click invoice Headers SubTab 4. Click Add New Invoice Header Button 5. Click choose File Button. 6. Choose and upload the file.	Uploaded Image should be displayed.
20	Ensure the alert popup is present.	Precondition: The user is logged in. Steps: 1. Click on the Operation Theatre module 2. Click on the New OT booking button. 3. Click on the Add New OT Button. 4. Verify the alert popup is present. 5. Click on the Ok button(Present inside the popup)	Alert popup should be present.
21	First, tick all checkboxes and validate that the all selected checkboxes are selected or not then untick them then close Add Other Charges.	Precondition: The user is logged in. 1. Go to the procurement module 2. Click on the Other charges 3. Click on Add Other charges 4. Select all the checkboxes	Verify that all selected checkboxes are selected

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 scripts using Java and Selenium to automate all the steps in the above question. In other words, the automation script should perform all the 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

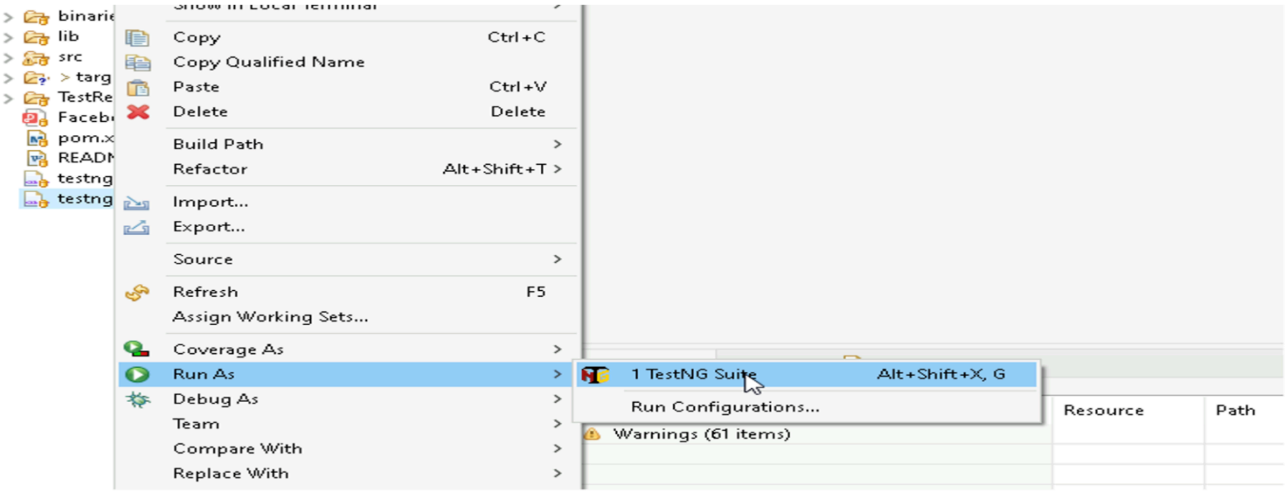
1.1 CODE QUALITY/OPTIMIZATIONS

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

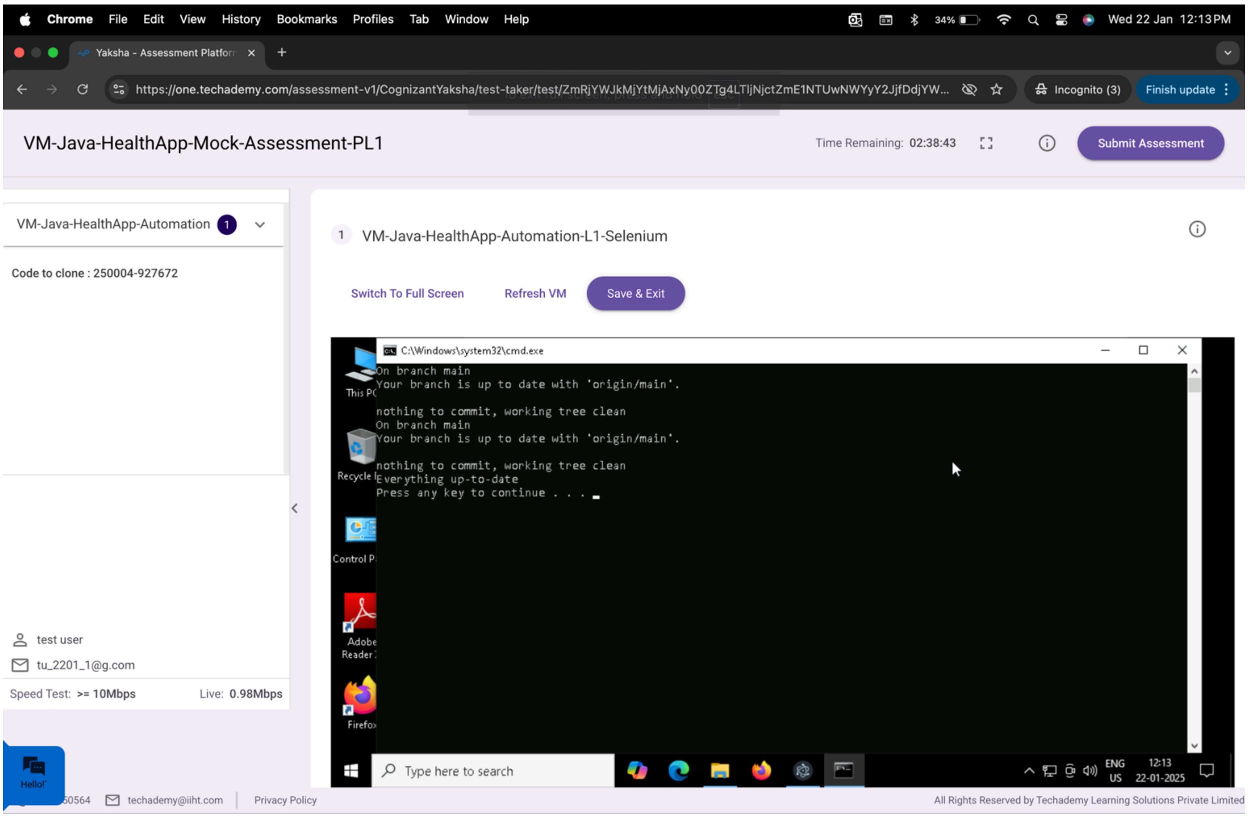
EXECUTION STEPS TO FOLLOW

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