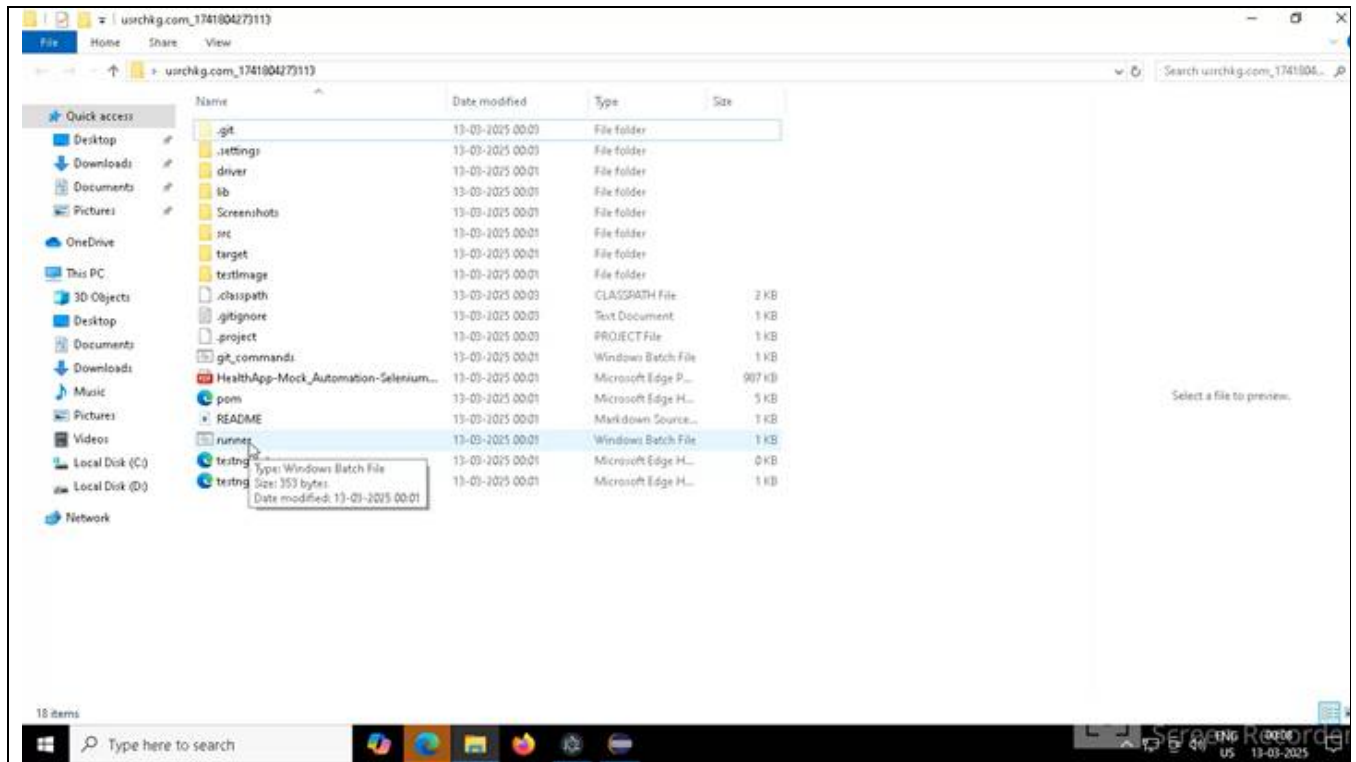


HEALTHAPP AUTOMATION VERIFICATION MODULE - PL1

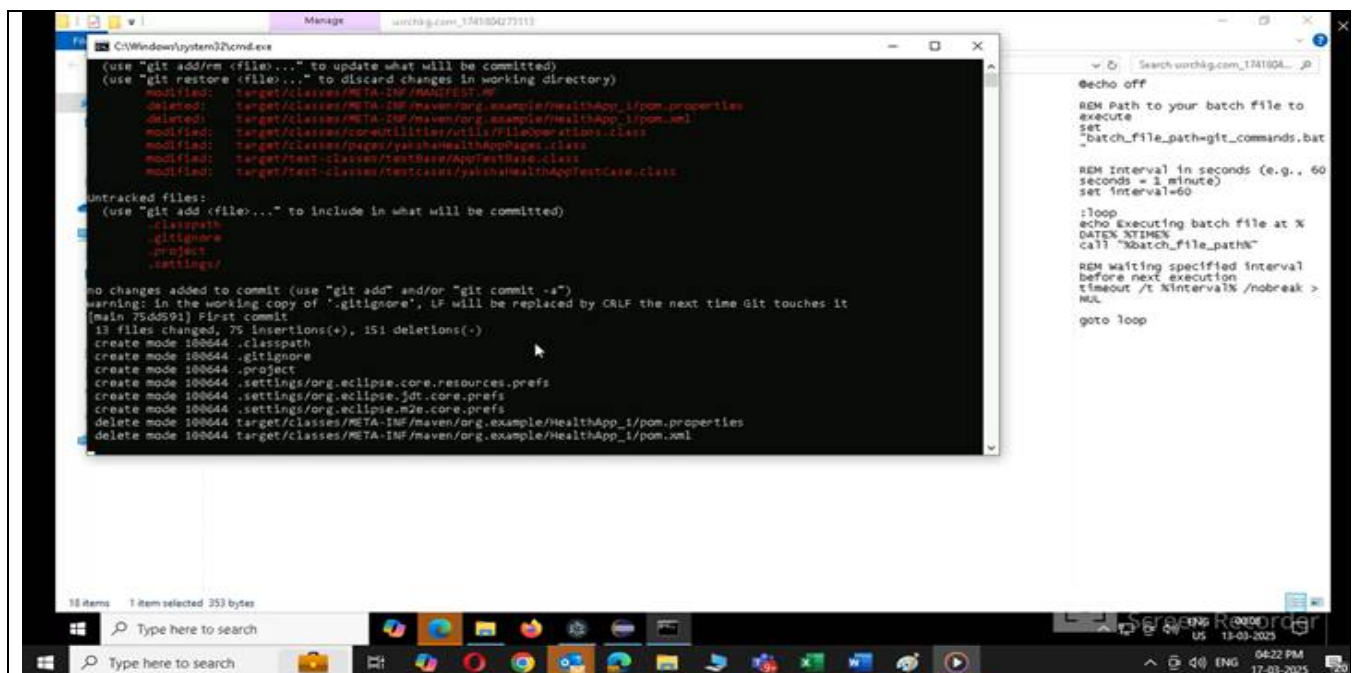


Pre-requisite:

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

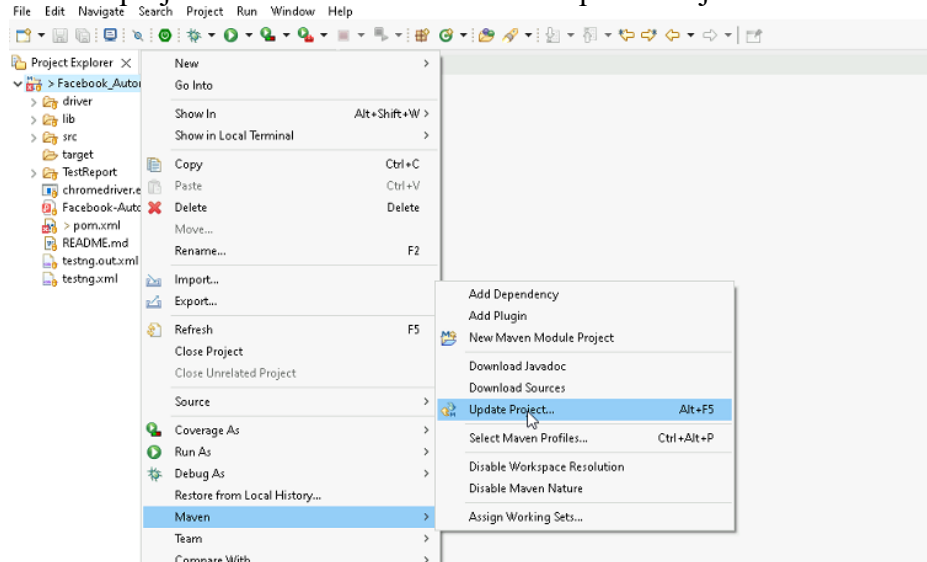


This will launch a command terminal for you where it will keep on pushing your updated code to GIT on regular intervals. Keep that command terminal open at backend and you can continue working on your project.

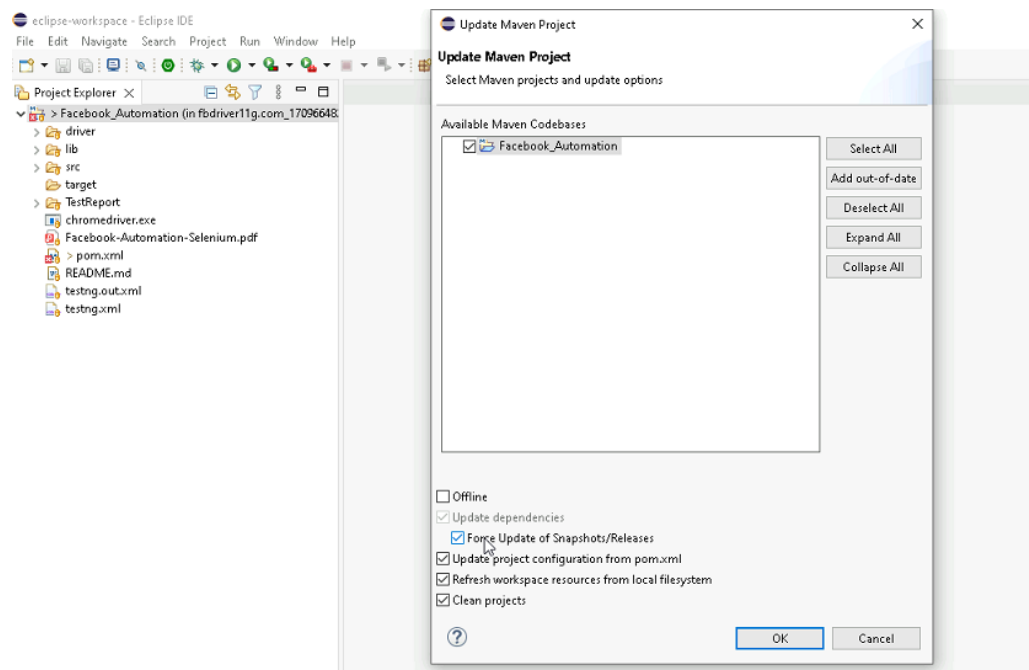


As soon as you import project in eclipse, update the project using maven update option as below. This is to resolve issue if any maven dependency not downloaded properly:

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 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/utis/	FileOperations.java	<ol style="list-style-type: none">1. Contains methods to read from excel file.2. Method is in templated form.3. You will be required to implement these methods as very first activity, because even URL to navigate to, is read using these methods.
/src/main/java/pages	VerificationPage_PL1.java	<ol style="list-style-type: none">1. All core activities (mentioned in list above) 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 to. Already URL is defined here

/src/main/java/coreUtilities/utls	CommonEvents.java	<ol style="list-style-type: none"> 1. Contains all common activities. 2. Certain templated common method declared here. 3. You implement them as per your need. 4. You can add any additional method for common activity here
	Testng_1.xml	Execution needs to kick started from TestNG xml

PROBLEM STATEMENT

Need to automate the following activities.

Key Activities to implement:

Use the below given credential to login to the “Health App” application.

User Name: “admin”

Password: “pass123”

#	Summary	Action	Expected Result
1	Ensure that the verification module is present.	<ul style="list-style-type: none"> • Log in to HealthApp System with given credentials. • Scroll till "Verification" menu on the side bar. • Click on it. 	Then Verify that the user is able to navigate to "Verification" section. Return a Boolean value ‘true’ as a positive acknowledgement.
2	Scenario: Verify all sub-modules are displayed correctly after Clicking on the "verification" Module.	<ul style="list-style-type: none"> • Log in to HealthApp System with given credentials. • Scroll till "Verification" menu on the side bar. • Then Verify that the user is able to navigate to "Verification" section 	Verify that "Inventory" and "Pharmacy" button is visible. Return True if the user is successfully navigated to the submodules, False otherwise.
3	Verify that the "Requisition" tab is present in the "Inventory" section	<ul style="list-style-type: none"> • Log in to HealthApp System with given credentials. • Scroll and click on the "Verification" menu. • Click on "Requisition" under the "Inventory" section. 	Verify visibility of the "Inventory" button. Verify visibility of the "Pharmacy" button. Verify the following elements are visible on the Requisition page:

			<p>Requisition, Purchase Request, Purchase Order, GR Quality, Inspection, OK, Print First, Previous, Next, Last View, Search bar ,Requisition Status, Date range , Pending, Approved, Rejected</p> <p>test case will return a boolean value: True if all verifications pass and all expected elements are visible. False if any step fails or any element is missing.</p>
4	Verify that the user can navigate to "Pharmacy" tab.	<ul style="list-style-type: none"> Log in to HealthApp System with given credentials. Scroll and click on the "Verification" menu. And click on "<u>Pharmacy</u>" tab 	<p>Verify that the user is able to navigate to the "Verification/Pharmacy/" section.</p> <p>The function implementing this test case will return a Boolean value: True if the user is successfully navigated. False otherwise.</p>
5	Verify to navigate on another sub tab after open the Requisition tab	<ul style="list-style-type: none"> Log in to HealthApp System with given credentials. Scroll and click on the "Verification" menu. Then Verify that the user is able to navigate to "Verification" section Click on "Purchase Order" under "Inventory" Then 	<p>Verify that the user is able to navigate to "Verification/Inventory/PurchaseOrder" section</p> <p>The function implementing this test case will return a Boolean value: True if the user is successfully navigated. False otherwise.</p>
6	Verify that the user can search data using the date filter, and all results fall within the selected date range	<ul style="list-style-type: none"> Log in to HealthApp System with given credentials. Scroll and click on the "Verification" menu. Select a date range from January 2020 to March 2024. Click the "All" radio button under List by Verification Status. Click the OK button to apply the filter. 	<p>Retrieve and verify that all dates in the result set fall within the selected date range.</p> <p>The function implementing this test case will return a Boolean value: True if dates filtered successfully. False otherwise.</p>

7	Verify the <u>tooltip</u> and it's text present on hover the mouse on "Star"	<ul style="list-style-type: none"> • Log in to HealthApp System with given credentials. • Scroll and click on the "Verification" menu. • Then Hover on the star and click it. 	Verify tooltip text as "Remember this Date"
8	Verify that the selected date range is retained even after navigating away from and back to the "Inventory" tab in the Verification section.	<ul style="list-style-type: none"> • Log in to the HealthApp System. • Scroll and click on the "Verification" menu. • Select a date range from January 2020 to March 2024. • Click on the tooltip button. • Click on the OK button. • Navigate to the "Pharmacy" tab. • Navigate back to the "Inventory" tab. 	<p>Verify that the previously selected date range (Jan 2020 to March 2024) is still applied and displayed.</p> <p>The function implementing this test case would return a Boolean value: True if dates remembered successfully. False otherwise.</p>
9	Scenario: Verify data range by Select "one week" option from drop down	<ul style="list-style-type: none"> • Log in to the HealthApp System. • Scroll & click till "Verification" menu. • Select 'Last 3 Months' option from the date range <u>dropdown</u> • Click on OK button 	<p>Then Verify that all the dates present inside the requested date are within the range.</p> <p>The function implementing this test case would return a Boolean value: True if dates remembered successfully. False otherwise.</p>
10	Verify following radio buttons are <u>selectable</u> : Pending, Approved, Rejected & All	<ul style="list-style-type: none"> • Log in to the HealthApp System. • Scroll & click till "Verification" menu. • Click on the "pending" Radio button • Click on the "approved" Radio button • Click on the "rejected" Radio button • Click on the "all" Radio button from List by Verification Status • Click on the "pending" Radio button from List by Verification Status 	<p>Verify the user is successfully able to toggle the radio buttons.</p> <p>The function implementing this test case would return a Boolean value: True if user toggle radio buttons successfully. False otherwise.</p>

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

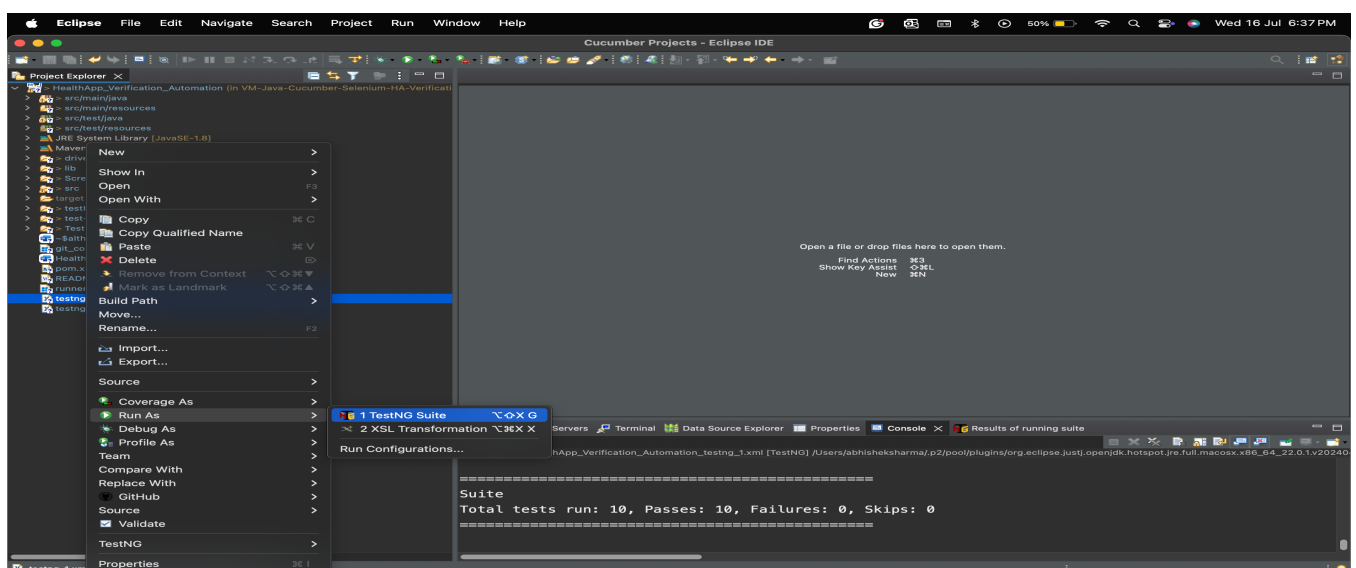
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

EXECUTION STEPS TO FOLLOW

You are required to run test cases for applications before final submission, without which project evaluation will not happen.

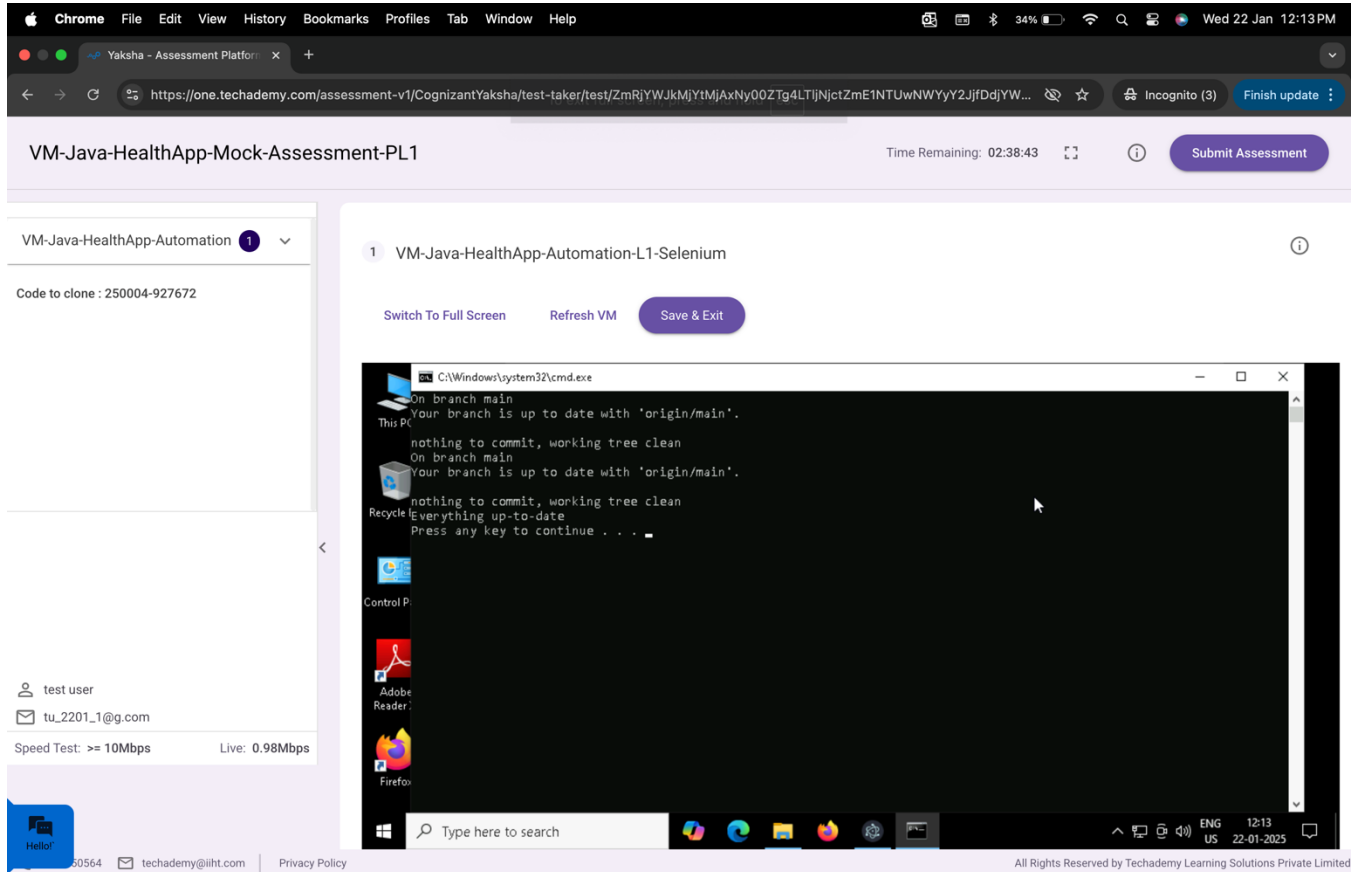
You can launch test cases any time as follows:

- a. **Go to ../testng_1.xml**
- b. **Right-click on testng_1.xml and run TestNGSuite**



To do the final submission of the assessment :

- a. Press escape to come out of Fullscreen mode.
- a. 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