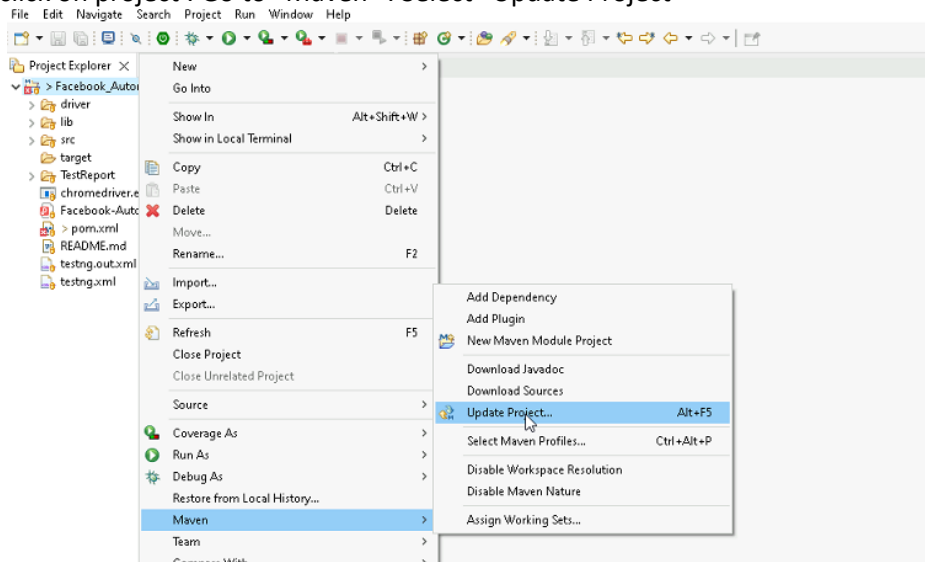


HEALTHAPP AUTOMATION OPERATION THEATRE – PL1

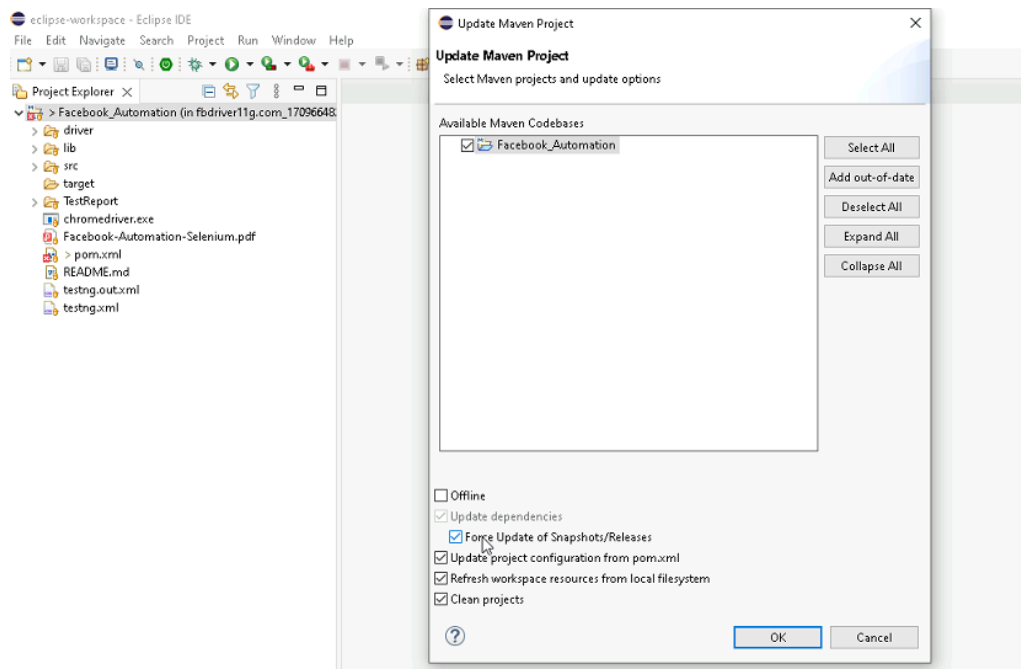
Pre-requisite:

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/pages	operationTheatre_Pages.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
	expected_data.xlsx	Contains data to fill in form
/src/main/java/coreUtilities/utlis	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.xml	Execution needs to kick started

		from TestNG xml
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PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

Key Activities to implement:

SI No.	Summary	Action	Expected Result
1	<ul style="list-style-type: none"> Navigate to the URL. Retrieve 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"> go to url : https://healthapp.yaksha.com/ login as valid credential (username : admin , password : pass123) and click on "SignIn" Button get the title and url of the Home page, post login validate the title and url of the Home page 	<p>Title should be : DanpheHealth</p> <p>Url should be : https://healthapp.yaksha.com/Home/Index#/</p>
2	Confirm the presence of the OperationTheatre module in the application and verify the "Hospital Number" header text within a specific table on the OperationTheatre page.	<p>Preconditions: The user must be logged into the system.</p> <p>Steps:</p> <ol style="list-style-type: none"> Check for Module Presence: After logging in, inspect the left navigation panel to see if the OperationTheatre module is listed. Module Navigation: If the OperationTheatre module is present, click on it to navigate to the associated page. Verify Header Text: On the OperationTheatre page, locate the specific table and check if the "Hospital Number" header text is present. 	The OperationTheatre module should be found within the left navigation panel. Upon clicking the module, the user should be redirected to the appropriate page and The "Hospital Number" header text must be visible in the designated table on the OperationTheatre page, confirming its presence and correct labelling.
3	Ensure that the "New OT Booking" button is present on the OperationTheatre page and that clicking it opens the "Booking OT Schedule New Patient" form.	<p>Preconditions: The user must be logged into the system and present on the OperationTheatre page.</p> <p>Steps:</p> <ol style="list-style-type: none"> Validate Button Presence: Check for the presence of the "New OT Booking" button on the OperationTheatre page to ensure it is visible and accessible. Button Functionality Test: Click on the "New OT Booking" button. Verify Popup Form: Confirm that clicking the button triggers the popup of the "Booking OT Schedule New Patient" form. Ensure the form is correctly titled and contains the expected fields and options. 	<p>The "New OT Booking" button should be located and identifiable on the OperationTheatre page.</p> <p>Upon clicking the button, the "Booking OT Schedule New Patient" form should appear, correctly labeled, indicating successful linkage and functionality.</p>

4	<p>On the "Booking OT Schedule New Patient" form's validate that Select Patient, Diagnosis & Type of Surgery Textbox are present or not ?</p> <p>If present then fill the below textbox : Select Patient textbox Diagnosis textbox Type of Surgery textbox</p> <p>Check the data which we are entered are present in Select Patient textbox or not ?</p> <p>Verify the presence of necessary textboxes on the "Booking OT Schedule New Patient" form and confirm the accuracy of data entry.</p>	<p>Preconditions: User must be logged into the system and have navigated to the "Booking OT Schedule New Patient" form.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Verify Textbox Presence: Confirm that the "Select Patient", "Diagnosis", and "Type of Surgery" textboxes are present on the form. Each should be visible and accessible for data entry. 2. Data Entry for Select Patient: Enter data into the "Select Patient" textbox with a patient's name or identification detail. 3. Data Entry for Diagnosis: Input relevant diagnostic information into the "Diagnosis" textbox. 4. Data Entry for Type of Surgery: Enter the type of surgery into the corresponding textbox. 5. Verify Data Accuracy in Select Patient Textbox: After data entry, check that the data in the "Select Patient" textbox is displayed correctly and matches the input to ensure that the system captures and reflects the entry accurately. 	<ul style="list-style-type: none"> - Each required textbox ("Select Patient", "Diagnosis", and "Type of Surgery") should be confirmed as present on the form. - Data entered into these textboxes should correctly reflect the input values. - Verification of the "Select Patient" textbox should confirm that the entered data remains unchanged and correctly displayed after entry.
5	<p>On the "Booking OT Schedule New Patient" form's validate that Remarks field is present or not ?</p> <p>Verify "Remarks" Text area is enable and verify the placeholder name of "Remarks" text area.</p> <p>Ensure the "Remarks" text area is present, enabled, and has the correct placeholder text on the "Booking OT Schedule New Patient" form.</p>	<p>Preconditions: The user must be logged into the system and present on the "Booking OT Schedule New Patient" form.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Verify Presence of Remarks Field: Check if the "Remarks" text area is present on the form to confirm its availability for user input. 2. Verify Field Is Enabled: Ensure that the "Remarks" text area is enabled and interactive, allowing data entry. 3. Retrieve Placeholder Text: Get the placeholder text from the "Remarks" text area to confirm it matches the expected placeholder. 4. Verify Placeholder Name: Confirm that the placeholder text in the "Remarks" text area reads "Remarks". 5. Print Placeholder on Console: Print the verified placeholder name on the console to ensure it has been correctly identified and matches the expected value. 	<p>The "Remarks" text area should be found on the form and be enabled for interaction.</p> <p>The placeholder text should correctly display as "Remarks".</p> <p>The correct placeholder text should be printed on the console as a final verification step.</p>
6	<p>To ensure that entering "Dr. Pooja Mishra" in the surgeon name textfield triggers the appearance of the corresponding button on the form just below the "Surgeon Name" text field.</p>	<p>Preconditions: The user must be logged into the system and actively on the "Booking OT Schedule New Patient" form.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Enter Surgeon Name: Enter "Dr. Pooja Mishra" into the surgeon name textfield. 2. Navigate to Remarks Field: After entering the surgeon's name, click on the "Remark" textfield to shift focus, which may help in triggering any dynamic UI changes based on the name entry. 3. Verify Button Presence: Check for the presence of a button labelled "Dr. Pooja Mishra" below the surgeon textfield. This button should appear as a result of the name entry. 	<p>After typing "Dr. Pooja Mishra" and navigating to another field, a button with "Dr. Pooja Mishra" should dynamically appear below the surgeon textfield.</p>
7	<p>Confirm that the "External?" checkbox can be selected and that</p>	<p>Preconditions: The user must be logged into the system and positioned on the "Booking OT</p>	<p>Upon clicking, the "External?" checkbox should clearly show that it is selected, providing visual</p>

	its state changes as expected when clicked.	<p>Schedule New Patient" form.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Locate Checkbox: Identify the "External?" checkbox on the form. 2. Toggle Checkbox: Click on the "External?" checkbox to change its state to selected. 3. Verify Selection: Check to ensure that the checkbox is now marked as selected immediately following the click. This may involve observing the checkbox for a visual indicator such as a checkmark or a changed color. 	confirmation such as a checkmark or a different background color.
8	Ensure that attempting to submit the "Add External Referral" form without entering required information triggers an appropriate error message.	<p>Preconditions: The user must be logged into the system and on the "Booking OT Schedule New Patient" form. As well as The "External?" checkbox on the "Booking OT Schedule New Patient" form must be selected.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. Open Add External Referral Form: Click on the "+" icon to open the "Add External Referral" form. This step follows the selection of the "External?" checkbox. 2. Attempt to Add without Data: Click on the "Add" button on the "Add External Referral" form without entering any information in the form fields. 3. Observe Error Message: Check for an error message that should appear below the Referrer Name text field as a result of the previous action. 4. Validate Error Message: Verify that the error message reads "Referrer Name is required" 	Error message should be : Refferer Name is required.

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.

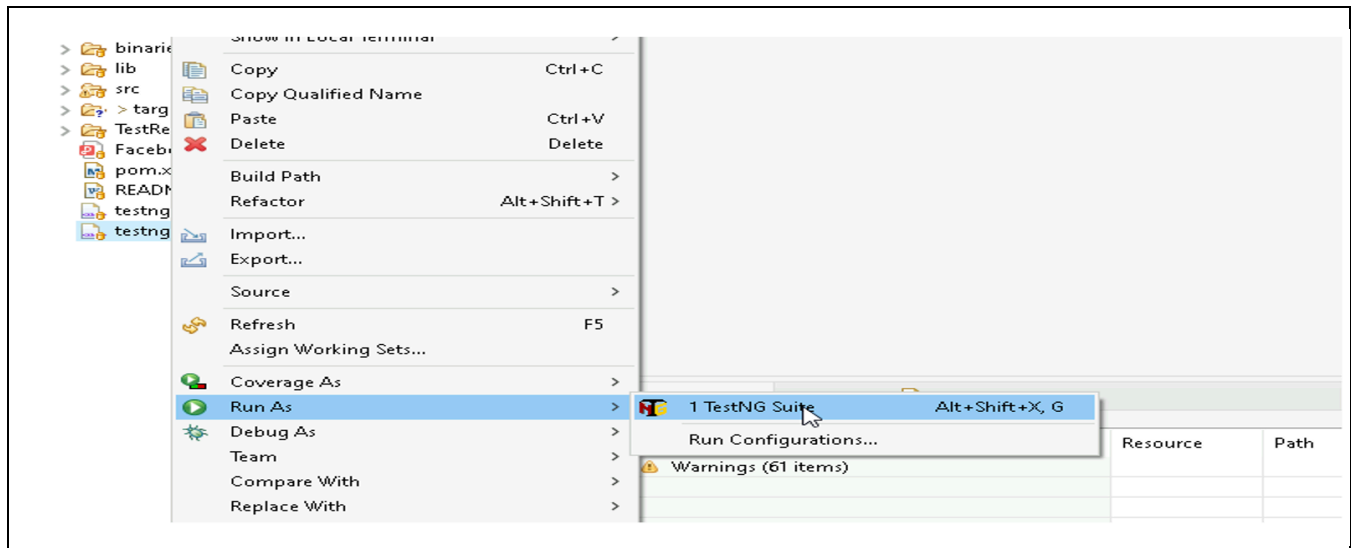
IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

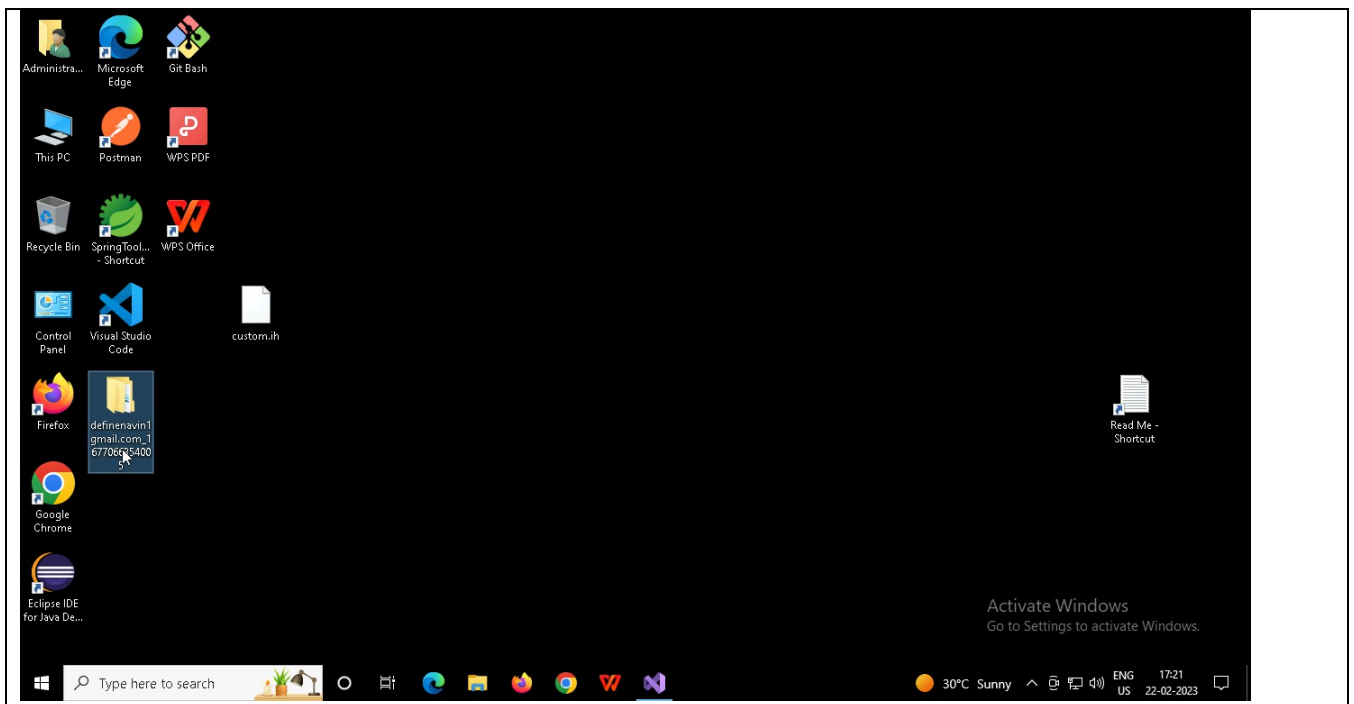
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

EXECUTION STEPS TO FOLLOW

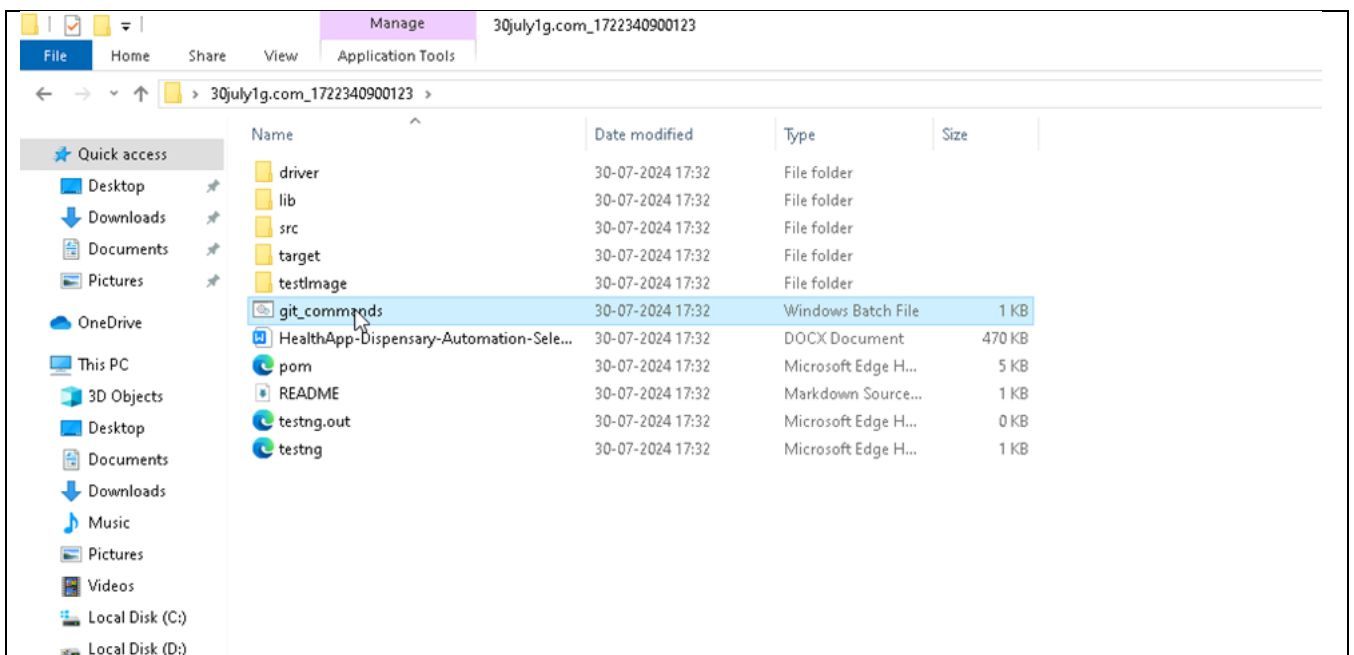
1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite



3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:



In your project folder, you will find a batch file named `git_commands`



Double-click the batch file to run it. It will run the commands to push your code to GIT.


```
C:\Windows\system32\cmd.exe
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   src/main/java/pages/StartupPage.java

no changes added to commit (use "git add" and/or "git commit -a")
[master ce9ec82] First commit
1 file changed, 1 insertion(+), 1 deletion(-)
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 4 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 618 bytes | 309.00 KiB/s, done.
Total 7 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/IIHTDevelopers/30julyig.com_1722340900123.git
   123cadc..ce9ec82  main -> main
Press any key to continue . . .
```

Once the code is pushed to git, you can go for the final submission of the assessment.

- Press escape to come out of Fullscreen mode.
- Submit the assessment.

VM-Java-HealthApp-Mock-Assessment-PL1

Time Remaining: 02:38:43

Submit Assessment

VM-Java-HealthApp-Automation 1

Code to clone : 250004-927672

test user
tu_2201_1@g.com
Speed Test: >= 10Mbps Live: 0.98Mbps

1 VM-Java-HealthApp-Automation-L1-Selenium

Switch To Full Screen Refresh VM Save & Exit

```
C:\Windows\system32\cmd.exe
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
Recycle everything up-to-date
Press any key to continue . . .
```

After the successful submission of the assessment, you will get a confirmation message displayed on your screen.

=====

All the Best