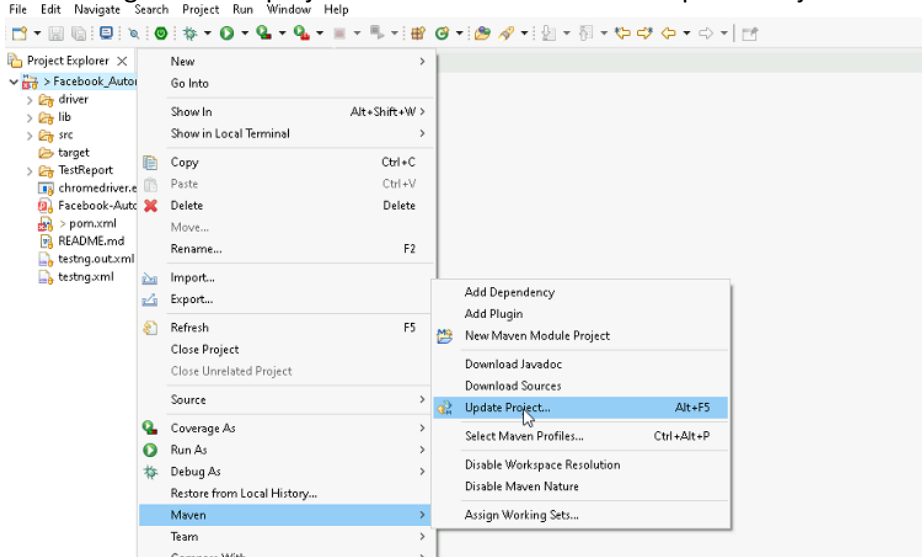


HEALTHAPP AUTOMATION- RADIOLOGY MODULE - PL1

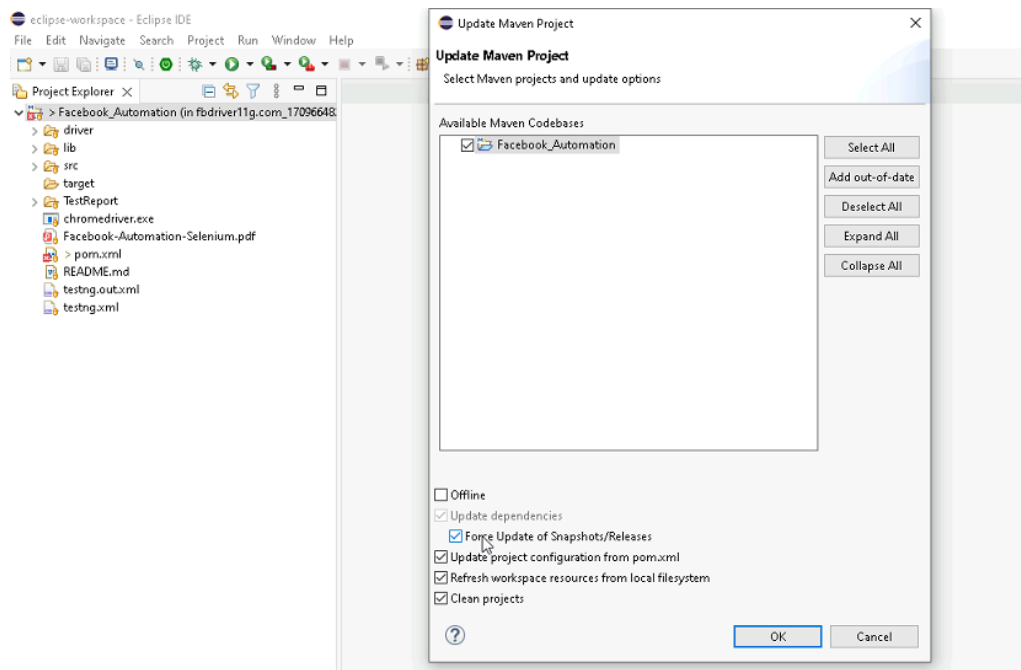
Pre-requisite:

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 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/pages	radiology_page.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/utis	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

PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

Key Activities to implement:

Sl No.	Summary	Action	Expected Result
1	Verify the radiology module is present or not	1. go to URL : https://healthapp.yaksha.com/ 2. login as valid credential (username : admin , password : pass123) and click on "SignIn" Button 3. Scroll down menu till radiology 4. Click on the radiology	Radiology module should be present
2	Verify all sub-modules are displayed correctly after Clicking on the "radiology" Module.	Pre-condition: User should be logged in 1. Click on the radiology Module drop-down arrow	All sub-modules should be displayed correctly. Expected Sub modules are : List Requests, List Reports, Edit Doctors, Ward Billing
3	Verify URL of the radiology module	Pre-condition: User should be logged in 1. Click on the radiology	By default URL will open list request module
4	Verify the presence of List request section in radiology module with all fields	Pre-condition: User should be logged in and it is on radiology module 1. Click on the radiology module drop-down arrow 2. Click on list request section	List request tab in Inventory section should be present Expected value that are present in List request tab are 1. Buttons: Ok, First, Previous, Next, Last, Scan Done, Add Report, Edit report 2. Fields: search bar 3. Drop down: Filter, Date range 4. Date Picker: From, To 5. Tooltip: Star figure
5	Verify to navigate on another sub module after open the list requests section	Pre-condition: User should be logged in and it is on radiology module 1. Click on the list requests 2. Click on the edit doctors 3. Click on Ward Billing 4. Click on List Requests	User should navigate to the edit doctors section from the list requests section
6	Verify the "Next" button is visible after performing a vertical scroll on Radiology module	Pre-condition: User should be logged in 1. Select "All" drop down option from the "Filter" field 2. Scroll all the way to the bottom of the page	The "Next" button should be visible after scrolling vertically.
7	Verify the tooltip and it's text present on hover the mouse on "Star"	Pre-condition: User should be logged in and it is on list requests section 1. Hover the mouse in star	Tooltip should be present when hover the mouse on star with text "Remember this date"

8	Verify to star tooltip after refreshing the page	Pre-condition: User should be logged in and it is on Radiology > List Requests section 1. Navigate to the Radiology module. 2. Click on the "List Requests" section. 3. Click on "FROM" and select "Jan 2020" 4. Click on "TO" and select "march 2024" 5. Click on "star" tooltip 6. Click on "OK" button 7. Navigate back to the "List Requests" section of the Radiology module.	After refreshing the page and navigate back to the list section of the radiology module: 1. The "Star" tooltip should remain the same. 2. The dates in the "FROM" field and "TO" field should remain as "Jan 2020" and "March 2024" respectively.
9	Verify to data range by select "one week" option from drop down	Pre-condition: User should be logged in and it is on list requests section 1. Click on the data range button 2. select "one week" option from the drop down 3. Click on "OK" button	Data should be present as per the selected date range using dropdown The 'Requested on' column date must fall within the "one week".
10	Verify to filter the records by select "X-RAY" from Filter drop down	Pre-condition: User should be logged in and it is on List requests section 1. Click on Filter drop down 2. Click on "X-RAY" drop down option 3. Click on "FROM" and select "Jan 2020" 4. Click on "TO" and select "march 2024" 5. Click on "OK" button	Record should filter out as per status
11	Verify to filter the records by select "X-RAY" from Filter drop down	1. Navigate to the Radiology module 2. Go to Ward Billing 3. Search for Patient 4. Click on the View Details button next to the Test Patient 3 Radiology 5. Click on the Cancel button within the Radiology Ward Billing modal	Clicking the Cancel button within the modal should trigger a popup message stating Please Write Cancellation Remarks.
12	Verify to search the data by enter the keyword which match with the already present records	Pre-condition: User should be logged in and it is on list requests section 1. Enter the keywords "USG Chest"	Record should be present as per the entered keywords

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.

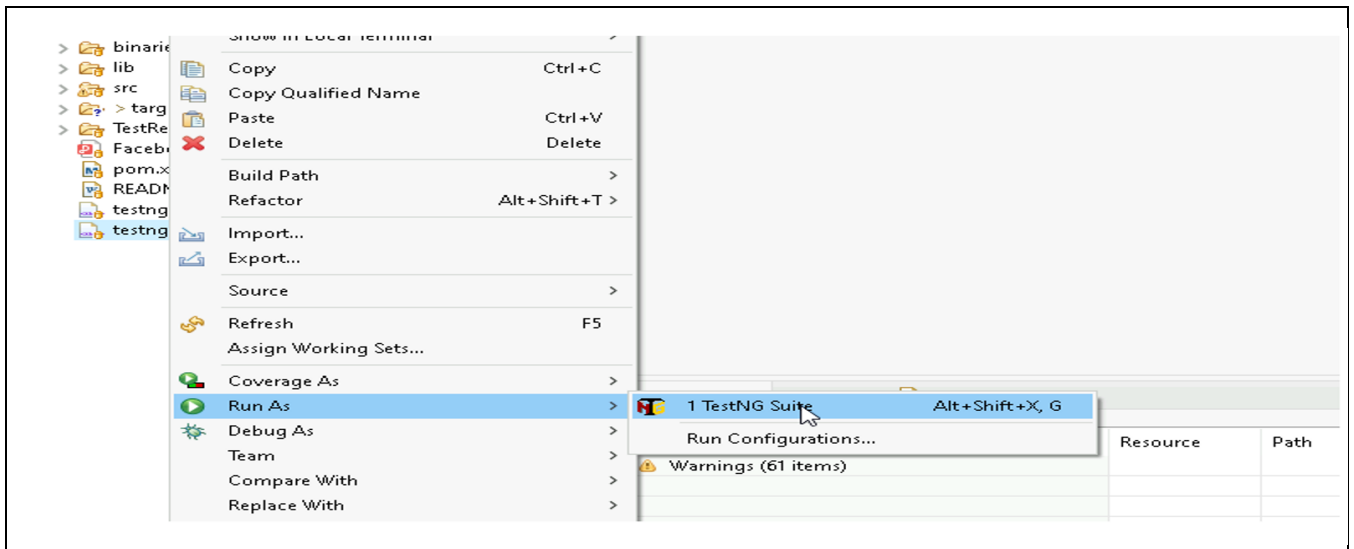
IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

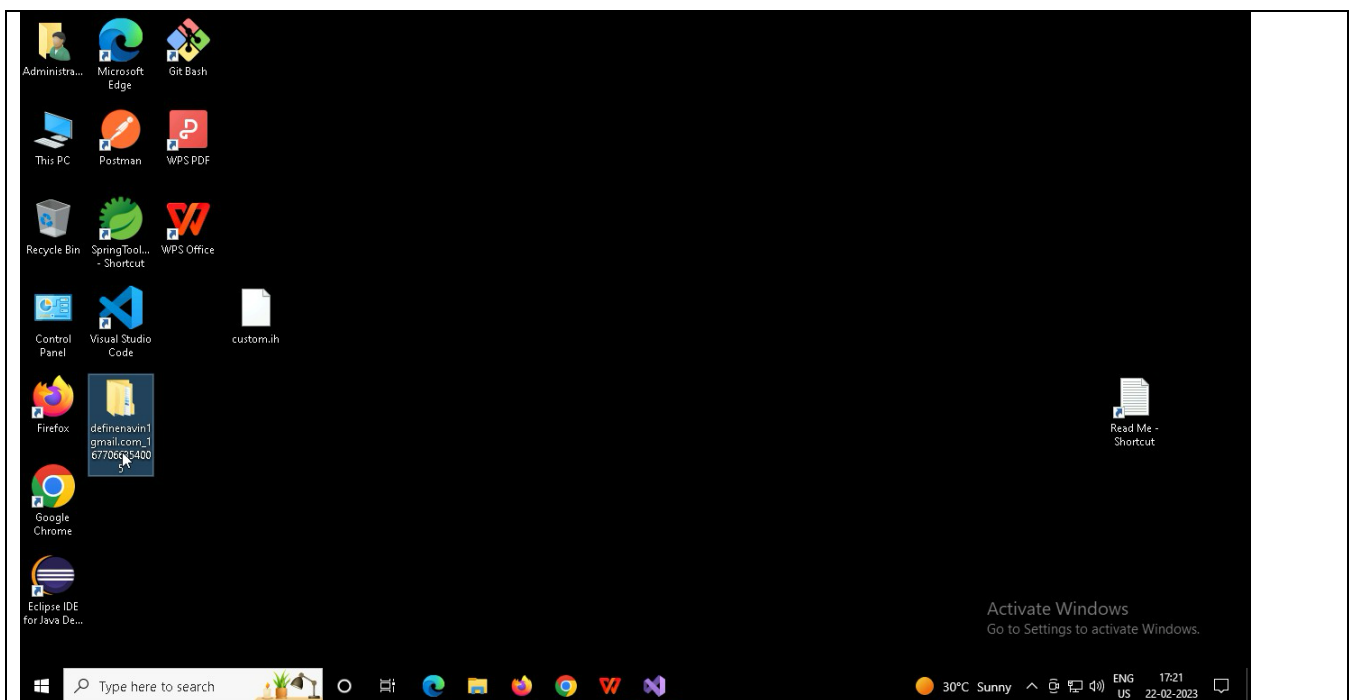
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

EXECUTION STEPS TO FOLLOW

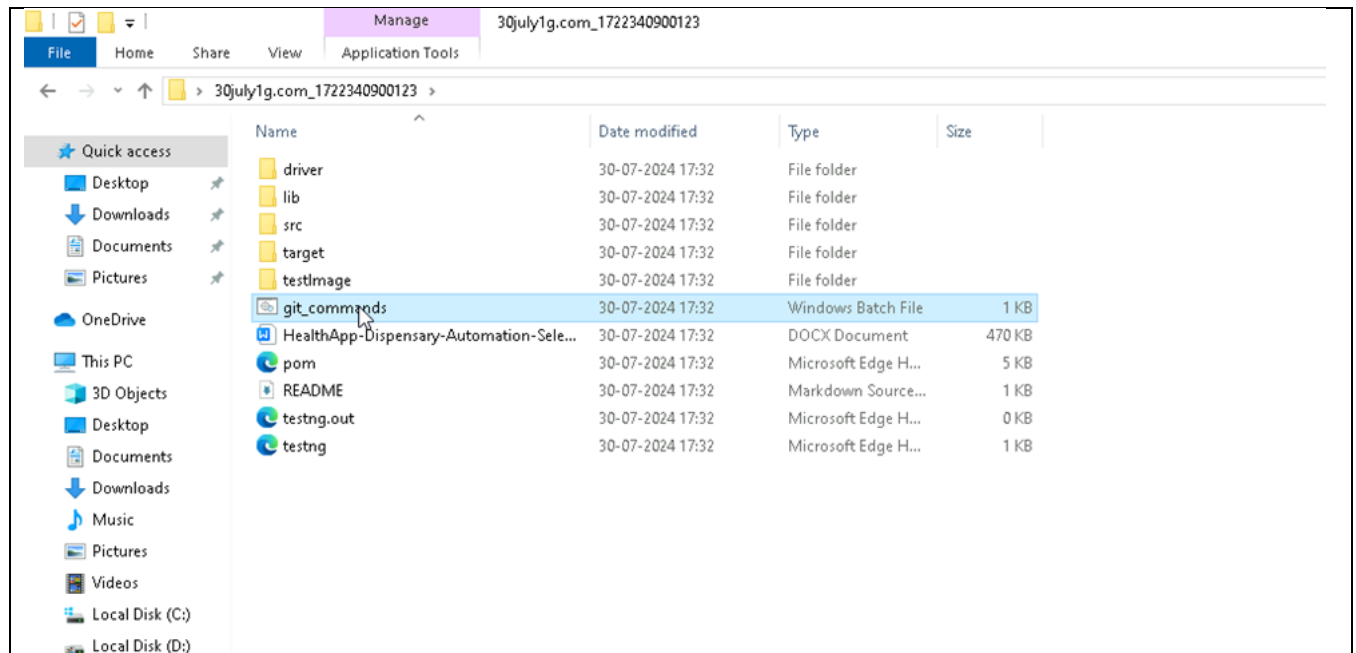
- 1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.**
- 2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite.**



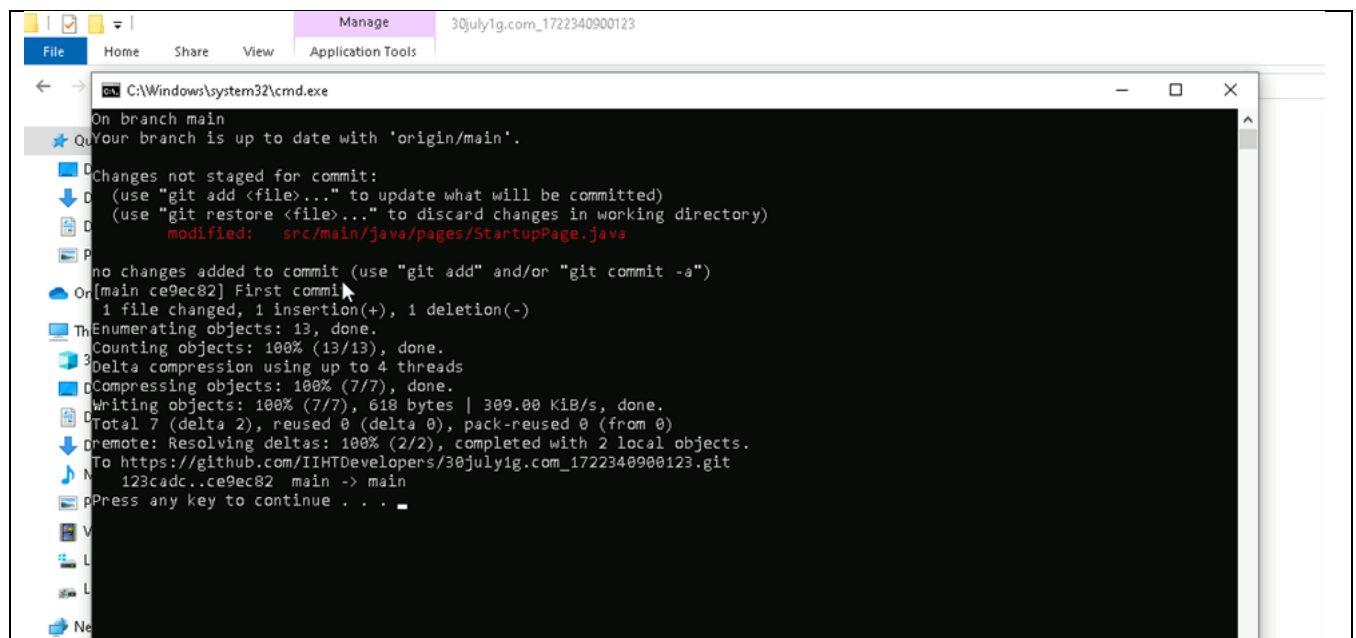
- 3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**



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.



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All the Best