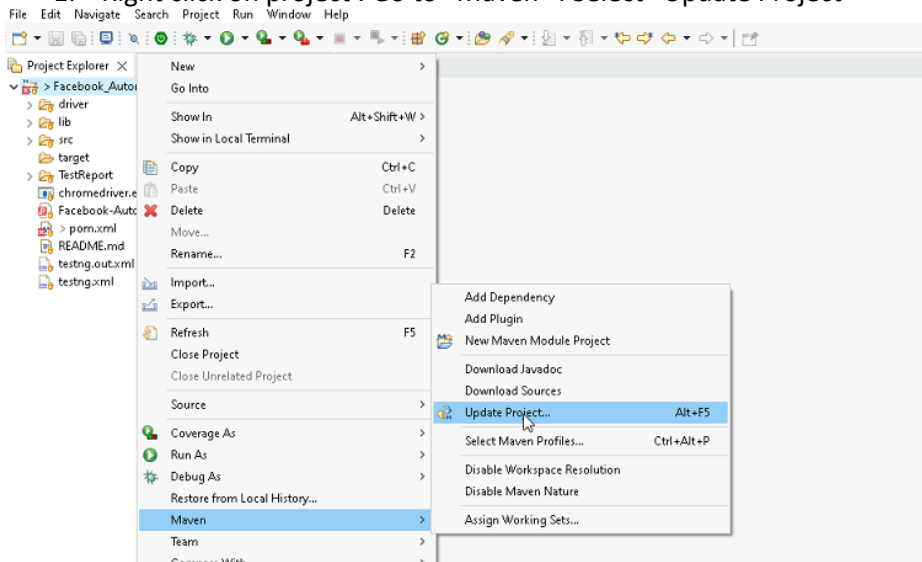


HEALTHAPP AUTOMATION- MEDICALRECORD MODULE – PL1

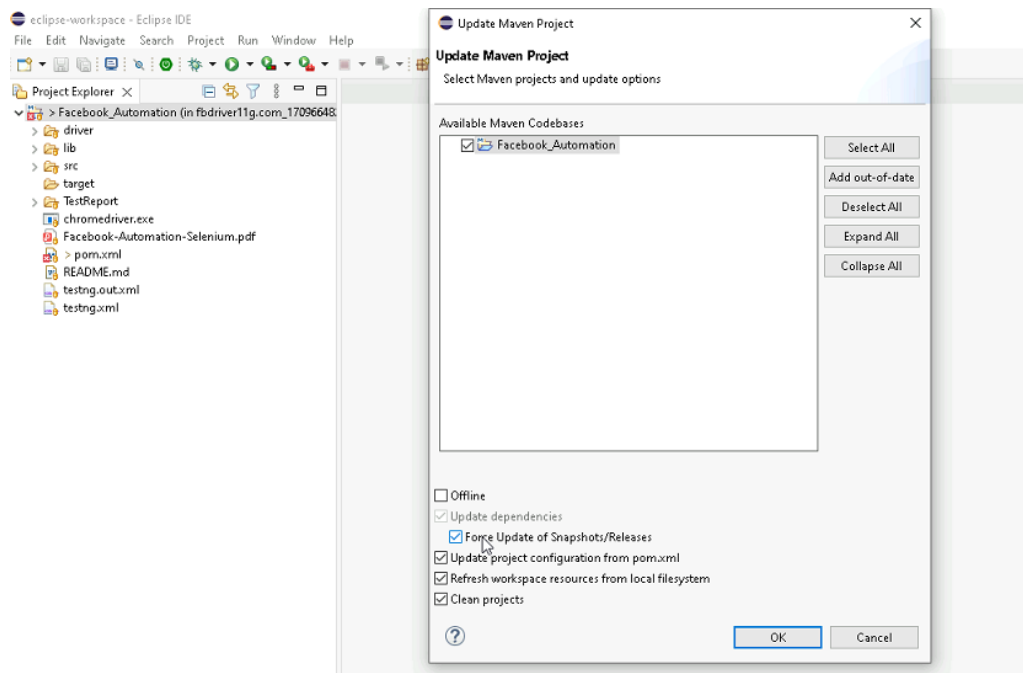
Pre-requisite:

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	medicalRecord_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.

		<ol style="list-style-type: none"> Do not modify the signature of methods declared here. 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"> Contains all common activities. Certain templated common method declared here. You implement them as per your need. 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 Medical Records module is present	<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 Scroll down menu till Medical Records Click on the Medical Records 	Medical Records module should be present
2	Verify all sub-modules are displayed correctly after Clicking on the "Medical Records " Module.	Pre-condition: User should be logged in and it is on Medical Records module <ol style="list-style-type: none"> Click on the Medical Records Module drop-down arrow 	All sub-modules should be displayed correctly. Expected Sub modules are : MR Outpatient List, MR Inpatient List, Birth List, Death List, Reports, Emergency Patient List
3	Verify URL of the Medical Records module	Pre-condition: User should be logged in <ol style="list-style-type: none"> Click on the Medical Records 	By default URL will open MR Inpatient List module

4	Verify the presence of MR Outpatient section in Medical Records module with all fields	Pre-condition: User should be logged in and it is on Medical Records module 1. Click on the Medical Records module drop-down arrow 2. Click on MR Outpatient section	MR Outpatient section in Medical Records should be present Expected value that are present in MR Outpatient section are 1. Buttons: First, Previous, Next, Last, Add Final Diagnosis, Edit Final Diagnosis 2. Fields: search bar 3. Drop down: Doctor Filter, Select Disease Category, Department Filter, Select Diagnosis, Date range[-] 4. Checkbox: ALL, Diagnosis Added, Diagnosis Pending 5. Date Picker: From, To 6. Tooltip: Star figure
5	Verify to navigate on another sub module after open the MR Outpatient section	Pre-condition: User should be logged in and it is on Medical Records module 1. Click on the MR Outpatient 2. Click on the Reports 3. Click on the Birth List 4. Click on the Death List 5. Click on the Emergency Patient List 6. Click on the MR Inpatient List	User should navigate to the all section from the MR Outpatient section and should navigate back to MR Outpatient section
6	Verify that entering a keyword matching existing records in the search bar returns the corresponding data.	Pre-condition: User should be logged in and it is on MR Outpatient section 1. Enter the keywords "Female"	Data should be present for the search, and the 'Gender' column should contain only patients in the "Female" category.
7	Verify to search the data by apply the date filter	Pre-condition: User should be logged in and it is on MR Outpatient section 1. Click on the "From" date 2. Select the "Jan 2020" date 3. Click on the "To" date 4. Select "July 2024" date 5. Click on "OK" button	Data should be present as per the selected date range The 'Appointment Date' column date must fall within the selected date.
8	Verify to data range by select "one week" option from drop down	Pre-condition: User should be logged in and it is on MR Outpatient 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 'Appointment Date' column date must fall within the "one week".
9	Verify the presence of "Doctor filter" drop down by selecting "Dr. ALEX OKELLO ONYIEGO" option	Pre-condition: User should be logged in and it is on Medical Records module 1. Navigate to MR Outpatient sub-module 2. Select "Dr. ALEX OKELLO ONYIEGO" in doctor filter drop down	Data should be present as per the selected doctor from the dropdown The 'Doctor Name' column only the selected doctor name
10	Verify the presence of "Department Filter" drop down by selecting "Cardiology" option	Pre-condition: User should be logged in and it is on MR Outpatient section 1. select "Cardiology" in select disease category drop down	Data should be present as per the selected department from the dropdown The 'Department' column only the selected department

11	Verify the functionality of "Next" page navigator	Pre-condition: user should be logged in 1. Navigate to the Medical record module 2. Click on MR Outpatient sub module 3. Select "Jan 2024" from the "From" field 4. Select "August 2024" from the "To" field 5. Scroll all the way to the bottom of the page 6. Click on "Next" button	the bottom of the newly loaded page displays the text "Page 2 of n".
12	Verify the presence of "Select Diagnosis" drop down by selecting "Malignant neoplasms of stomach" option	Pre-condition: User should be logged in and it is on MR Outpatient section 1. Enter the "2B72" in the " select disease" field 2. select "Malignant neoplasms of stomach" in select disease category drop down	Data should be present as per the selected Diagnosis from the dropdown Ensure that the "ICD Code" column is correctly updated based on changes in the selected diagnosis. ICD CODE -> "2B72"

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.

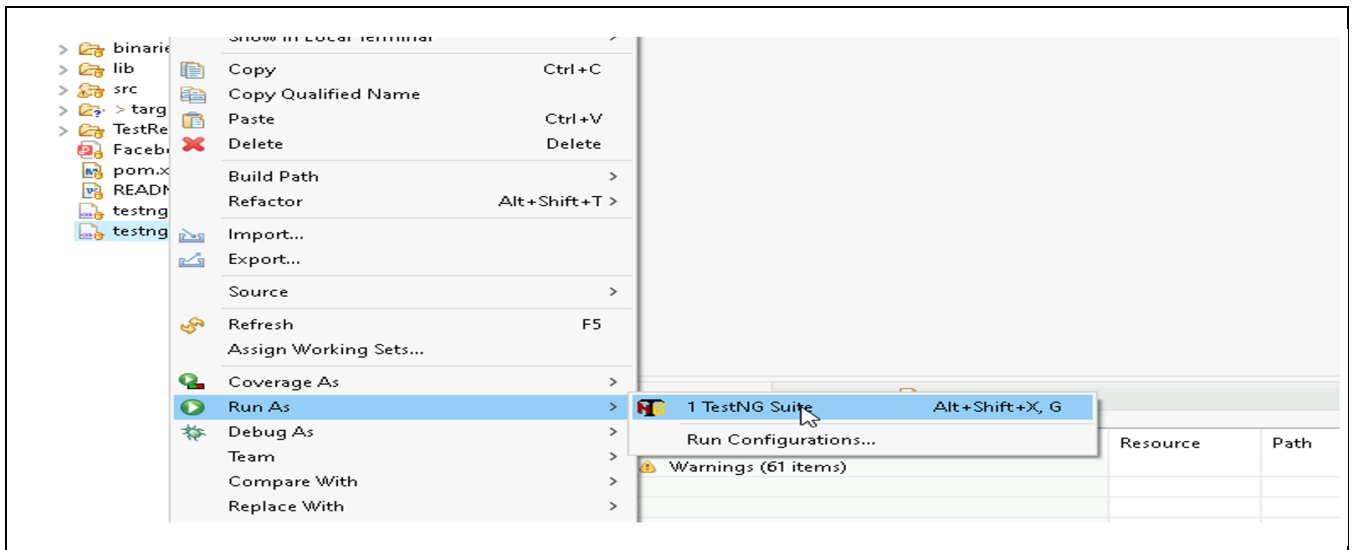
IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

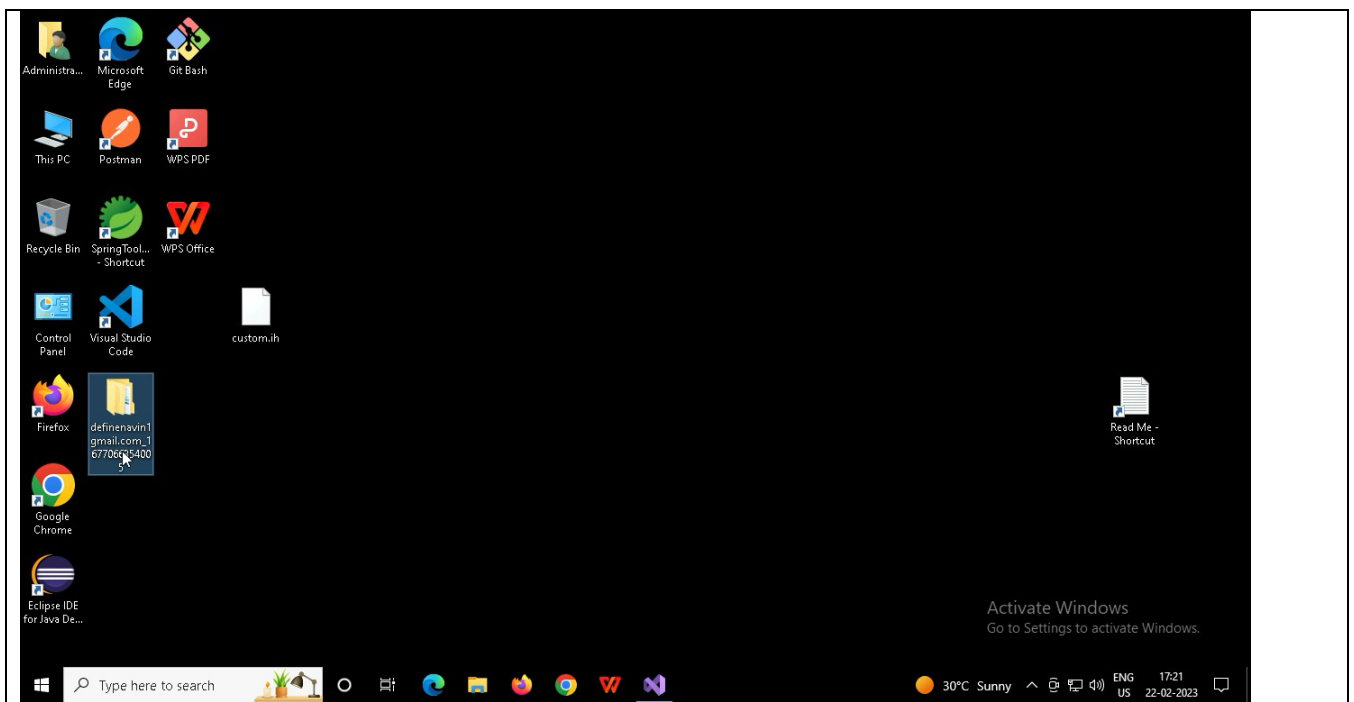
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

EXECUTION STEPS TO FOLLOW

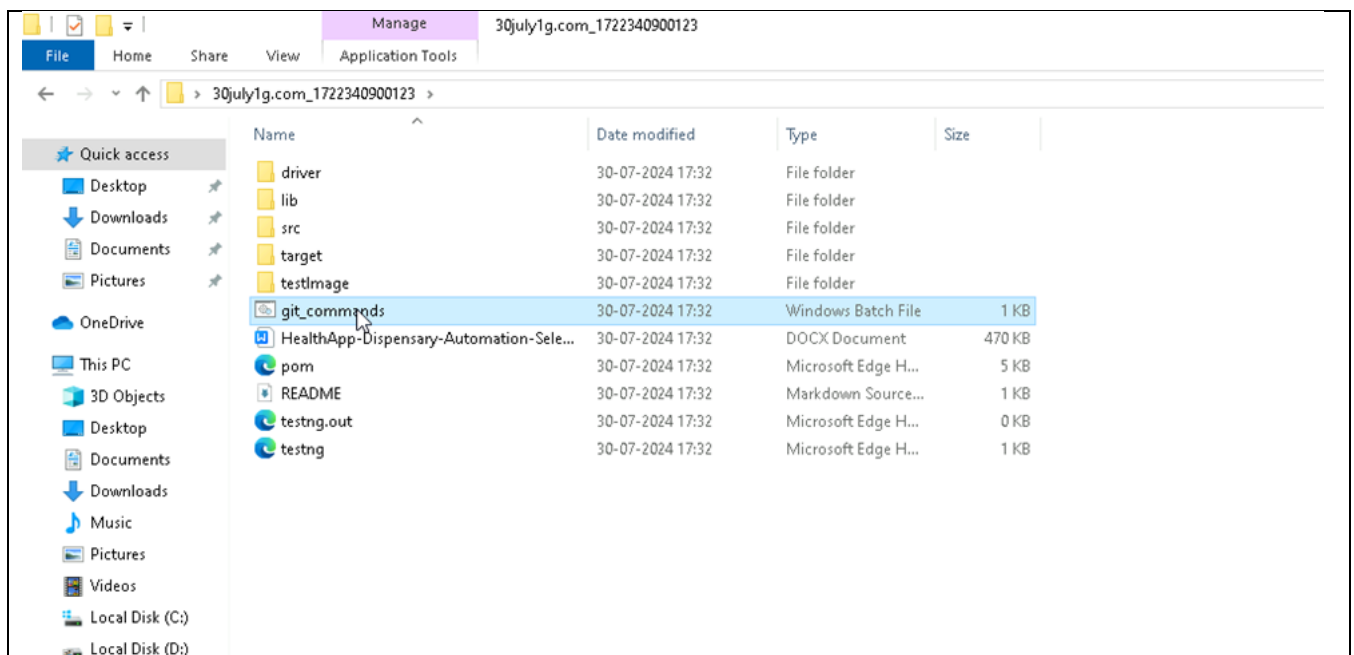
1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite



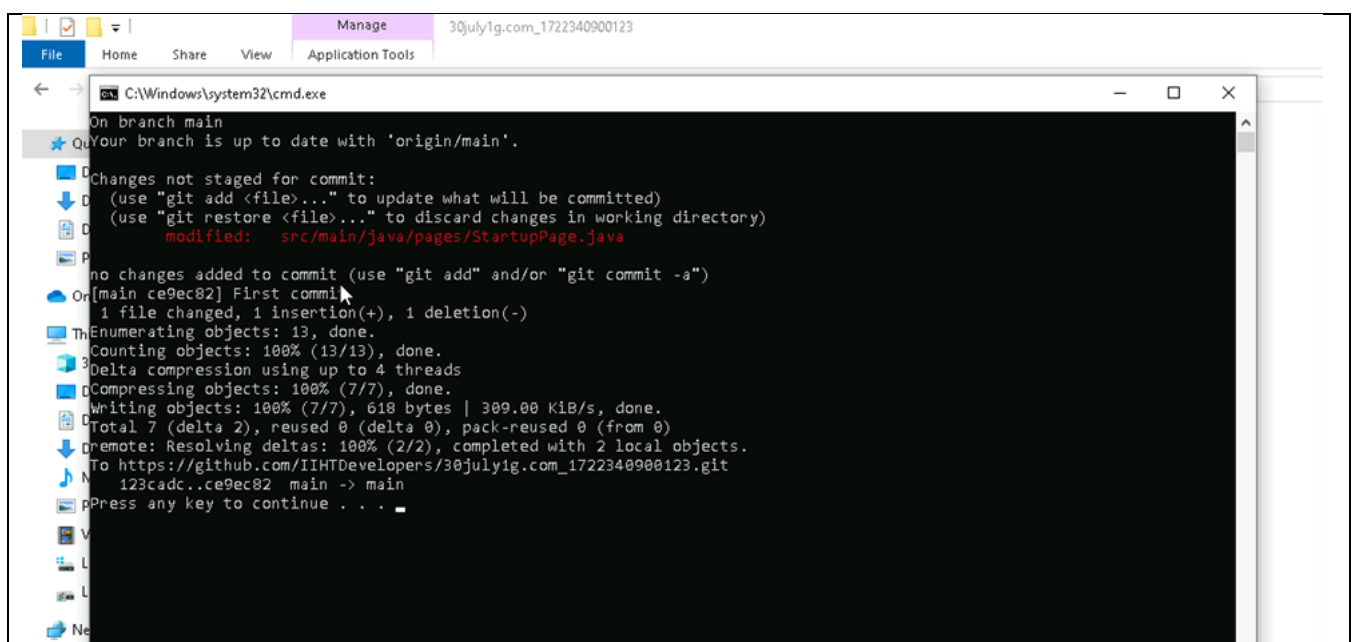
3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:



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

