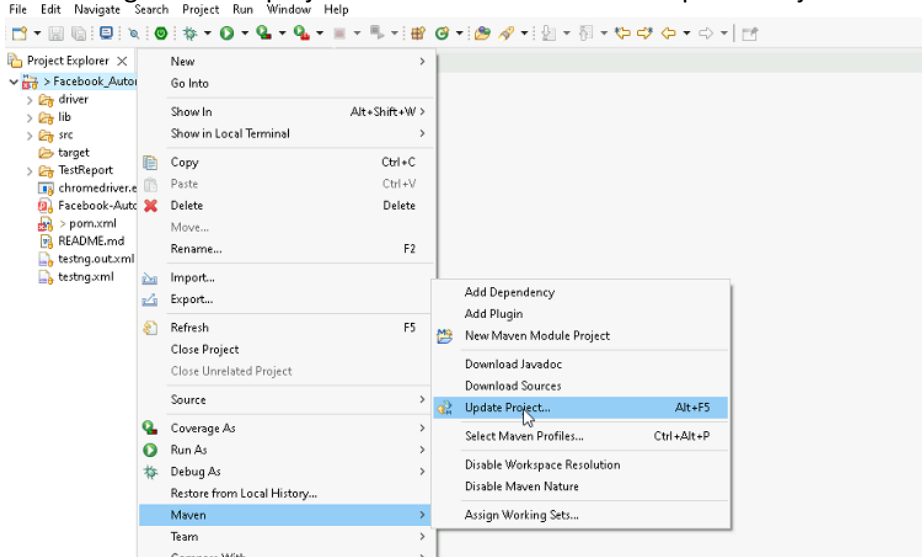# HEALTHAPP AUTOMATION PATIENT MODULE-PL1

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
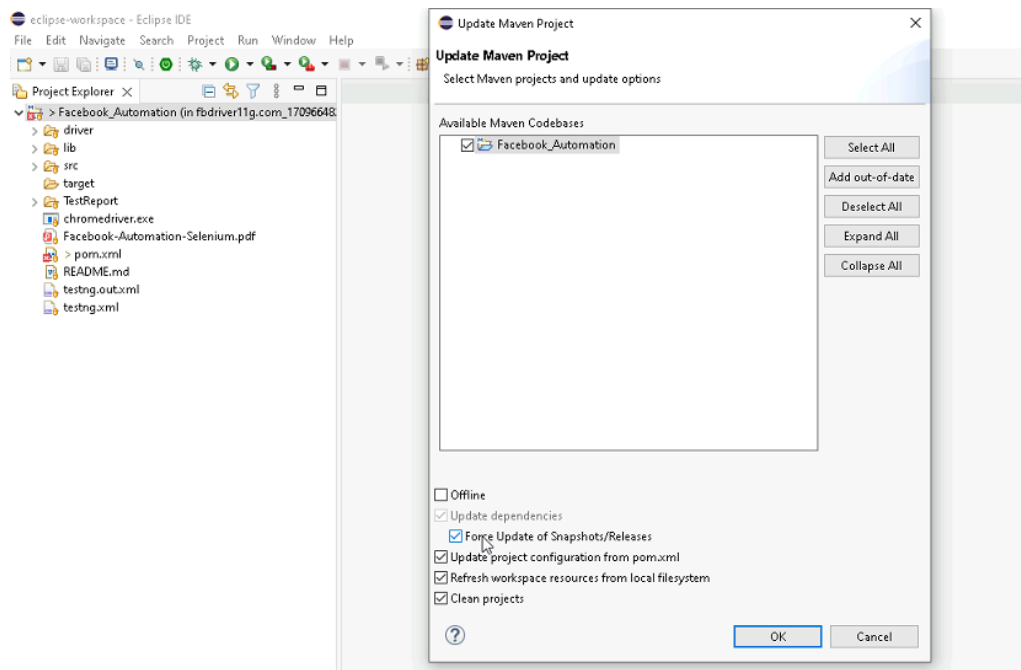
Template Code Structure:

a. Below are the packages and files you will be required to work 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	patient_Pages.java	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/utils	CommonEvents.java	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	* Navigate to the URL. * Retrieve Title and URL of the Home page. * Verify Title & URL: Check if the title & URL matches the expected title.	1. go to url : **https://healthapp.yaksha.com/** 2. login as valid credential **(username : admin , password : pass123)** and click on "**SignIn**" Button 3. get the title and url of the Home page, post login 4. validate the title and url of the Home page	Title should be : **DanpheHealth** Url should be : **https://healthapp.yaksha.com/Home/Index#/**
2	Verify that Patient module is present or not ? If Present, then expand the Patient module and verify all presence of sub mudules under the patient module.	1. User must be logged in the health app 2. verify that, Patient Module is present or not 3. if Patient Module is present, tehn Click on the expand icon of the Patient Module 4. then verify the follwing sub module under the Patient Module Sub modules are : **Search Patient Register Patient**	Patient Module should be present in left navigation All sub-modules should be displayed correctly. Expected Sub modules are : **Search Patient Register Patient**
3	On the "Patient" Module's "**Search Patient**" page, verify & clicking on the "Search (Minimum 3 Character)" textbox and get the Placeholder name of "Search (Minimum 3 Character)" textbox. Then verify the Placeholder name is **"Search (Minimum 3 Character)".**	1. User must be present on the **"Search Patient"** page of "Patient" module. 2. verify "Search (Minimum 3 Character)" textbox is present or not and then click on it. 3. then get the Placeholder name of "Search (Minimum 3 Character)" textbox. 4. then verify the Placeholder name is "Search (Minimum 3 Character)".	1. "Search (Minimum 3 Character)" textbox should be present on "Search Patient" page 2. Placeholder name should be "Search (Minimum 3 Character)".

4	On the "Patient" Module's, clicking on **"Register Patient"** sub module and verify that the **"+ New Photo"** button is present or not ? After validation of **"+ New Photo"** button, then click on it. Then verify "Take A Snapshot" button is present or not?	1. User must be present on the "Search Patient" page of "Patient" module. 2. then click on the **"Register Patient"** sub module and it should navigate to the "Basic Information" Page/Tab/Menu of "Register Patient" sub module. 3. then click on profile picture "Camera" Icon /Tab/Menu 4. verify that the "+ New Photo" button is present or not ? 5. after validation of "+ New Photo" button then click on it. 6. Then verify that "Take a Snapshot" button is present or not after clicking on the "+ New Photo" button 7. then click on "**Cancel**" button	1. "+ New Photo" button should be present 2. "Take a Snapshot" button should present
5	On the "Patient" Module's "Register Patient" sub module, directly clicking the "Register Patient" button from the "Basic Information" form without filling any information and validate the error message from "Phone Number" textbox from the Besic information form. Error Message : **Primary Phone is required**	1. User must be present on the "Camera" Icon / Profile picture form of "Register Patient" sub module. 2. then click on "Basic Information" Page Link and it will navigate to the "Basic Information" form 3. then click on "Register Patient" button directly without filling any information in the "Basic Information" form 4. After clicking the "Register Patient" button, then an error message will come 5. Validate the error message from Phone Number textbox **Error Message : Primary Phone is required**	Error Message should be **"Primary Phone is required"**
6	On the "Basic Information" form of "Register Patient" sub module, Fill the following textbox which are present inside the **"Basic Information"** form. Validate the entered values. **Note : read & write the data from the Excel**	1. User must be present on the **"Basic Information"** form of "Register Patient" sub module. 2. then enter the values to the below textbox of "Basic Information" form **Note : read & write the data from the EXCEL** 3. Following textboxes are : **-> First Name Textbox** **-> Middle Name Textbox** **-> Last Name Textbox** **-> Age Textbox** **-> Phone Number Textbox** 4. Validate the entered value in the First Name Textbox	Given textbox value inside the **"Basic Information""** 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 "Patient Information" form of New visit page
7	On the "Basic Information" form of "Register Patient" sub module, scroll to the buttom of the "Basic Information" form. Then verify the "Blood Group" Dropdown is present or not?	1. User must be present on the "Basic Information" form of "Register Patient" sub module. 2. Scroll to the buttom of the "Basic Information" form. 3. verify the "Blood Group" Dropdown is present or not	user should scroll to the buttom of the "Basic Information" form "Blood Group" Dropdown should be present

8	On the buttom of the "Basic Information" form of "Register Patient" sub module, If "Blood Group" Dropdown is present then highlight the "Blood Group" Dropdown	1. User must be present on the buttom of the "Basic Information" form of "Register Patient" sub module. 2. If "Blood Group" Dropdown is present then highlight the "Blood Group" Dropdown	"Blood Group" Dropdown should be present and Highlight
9	On the "Basic Information" form of "Register Patient" sub module, select the "0+" group from the "Blood Group" Dropdown. Then validate "O+" is properly selected or not.	1. User must be present on the buttom of the "Basic Information" form of "Register Patient" sub module. 2. Select "O+" group from the "Blood Group" Dropdown. 3. validate "O+" group is properly selected or not.	User should able to select "O+" group from the "Blood Group" dropdown menu.
10	Go to "**Guarantor**" form of "**Register Patient**" sub module, select the "Male" Radio button form the Gender section Then verify the "Male" radio button is selected or not. After validation, then deselect the "Male" radio button	1. User must be present on the buttom of the "Basic Information" form of "Register Patient" sub module. 2. scroll to the top of the "Basic Information" page. 3. click on the "Guarantor" link to navigate to the "Guarantor" page. 4. Select "Male" radio button from the Gender section. 5. verify that the "Male" radio button is selected or not 6. after validation, then deselect the "Male" radio button	Male Radio button should be selected from "Guarantor" form after validation, male radio button should be deselect
11	On the "Guarantor" form of "Register Patient" sub module, select the "Self" check box and verify that, the "Self" check box is selected or not. After selected the "Self" check box a "Notification" popup message will display on the button of the page and then validate that Notification Popup Message **(Notice-Message To fill the data by self checkbox, first you have to fill your address)**	1. User must be present on "Guarantor" form of "Register Patient" sub module. 2. select the "My Self" check box and verift that the checkbox is selected or not. 3. After selected the "Self" check box a "Notification" popup message will display on the button of the page and then validate that Notification Popup Message **(Notice-Message To fill the data by self checkbox, first you have to fill your address)**	"My Self" check box should be selected Notiofication popup message should be **(Notice-Message To fill the data by self checkbox, first you have to fill your address)**
12	On the "Guarantor" form of "Register Patient" sub module, Click on "Kin/Emergency Contact" link by using javascript and it will navigate to the "Kin/Emergency Contact" form Then send the value by	1. User must be present on "Guarantor" form of "Register Patient" sub module. 2. using the javaScript, click on the "Kin/Emergency Contact" link and it will navigate to the "Kin/Emergency Contact" form 3. using the javaScript, send the value to the "Commnets" textbox of "Kin/Emergency Contact" form.	User should navigate to the "Kin/Emergency Contact" form and able to send the value to the "comments" textbox using javaScript" operation

	using javascript to the "Commnets" textbox of "Kin/Emergency Contact" form.		

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.**

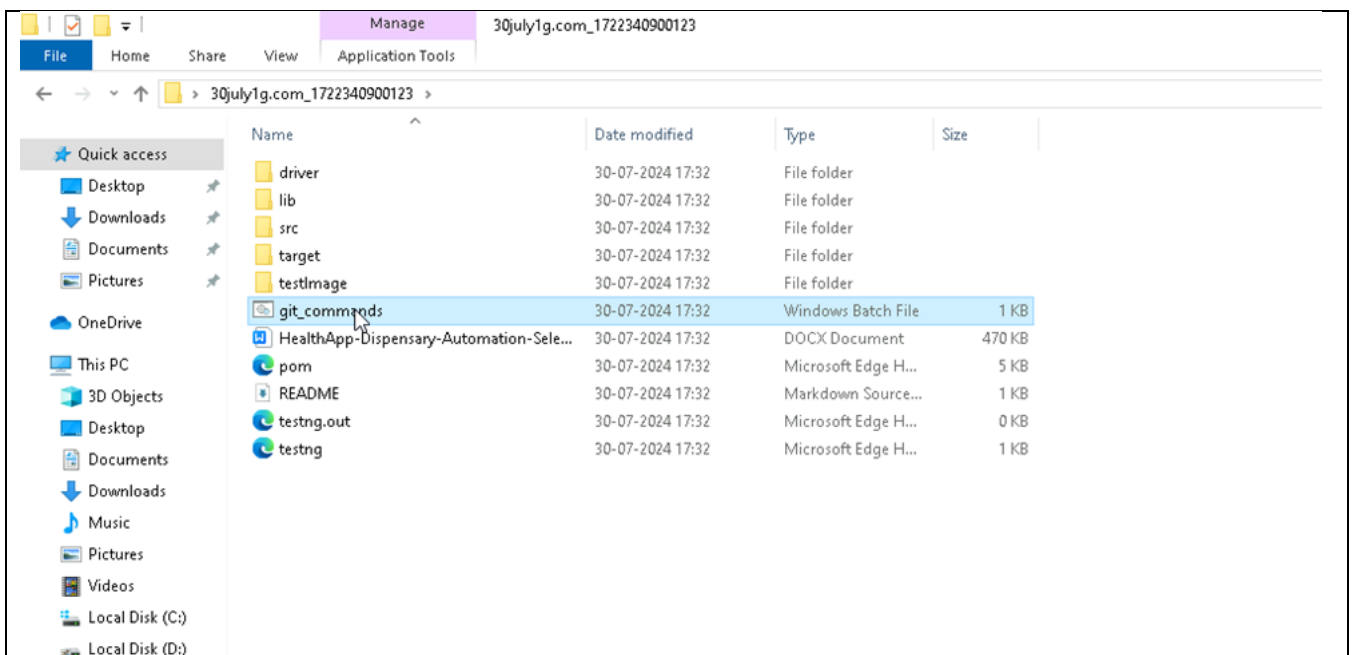2. **You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite**
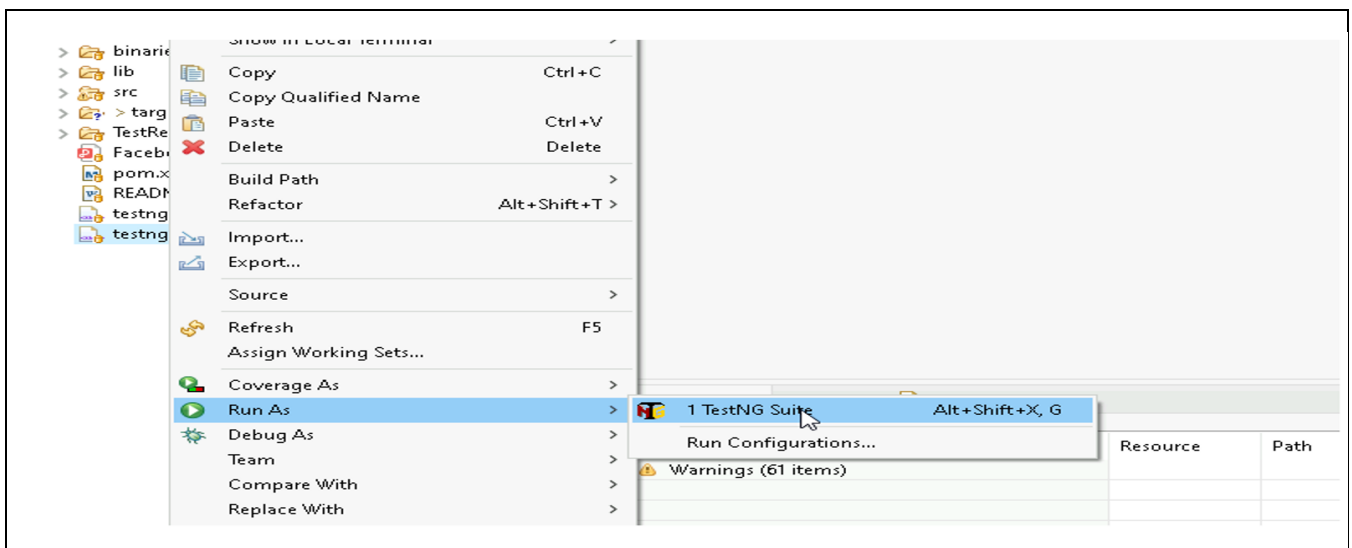
3. **Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**
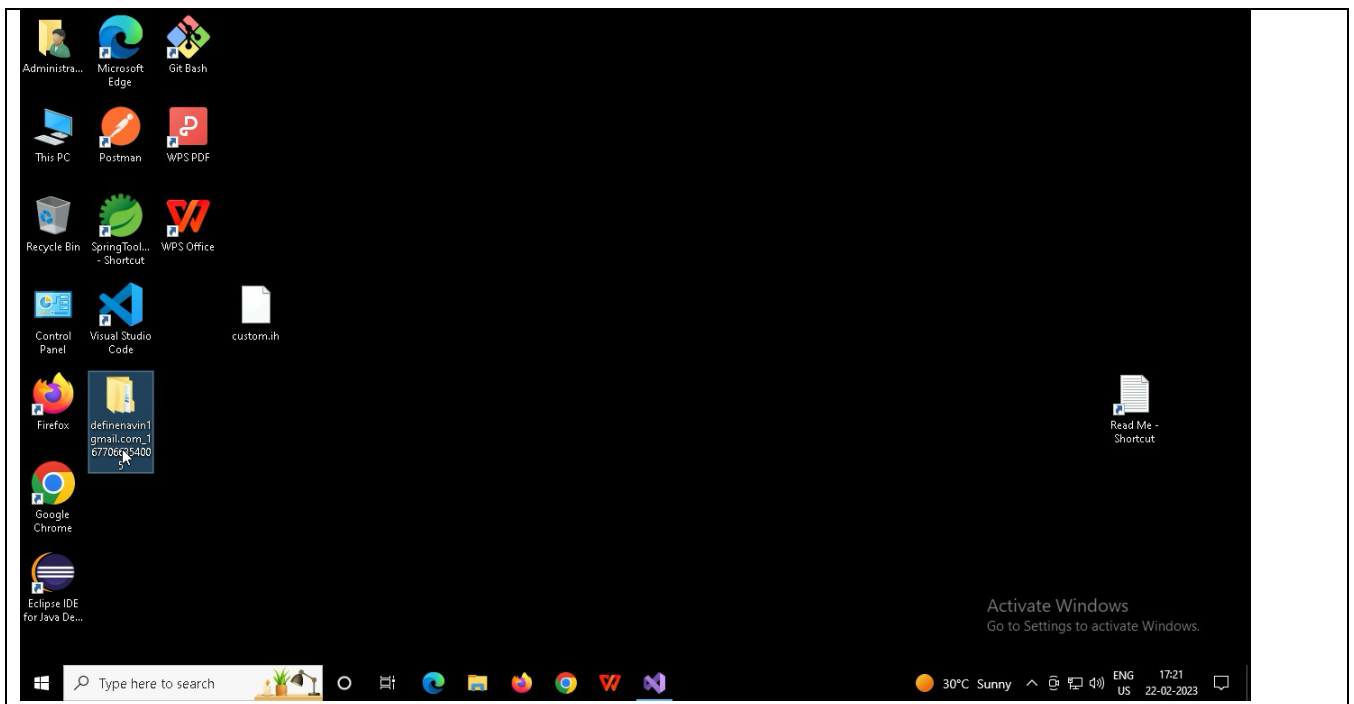
In your project folder, you will find a batch file named git_commands

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

```
========================================================================
```

All the Best