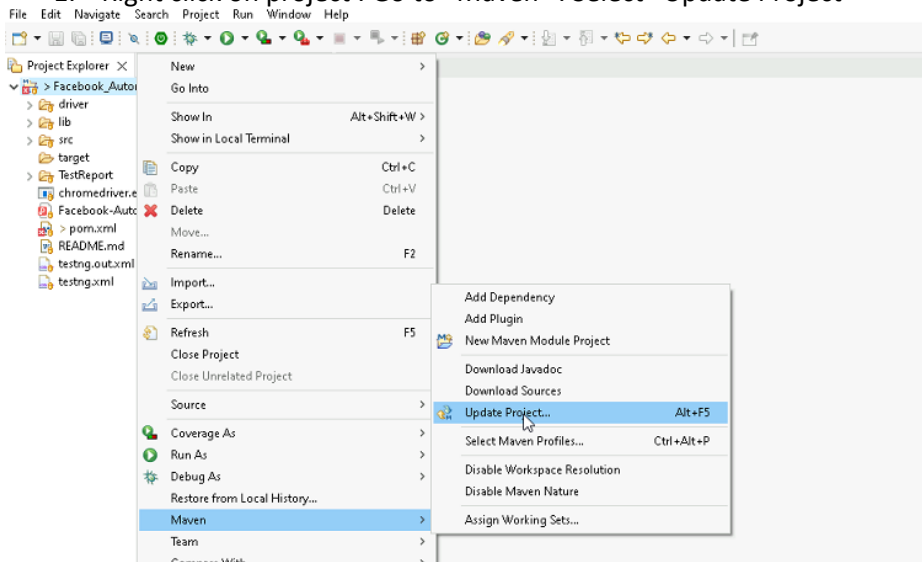


# HEALTHAPP AUTOMATION- MATERNITY MODULE – PL1

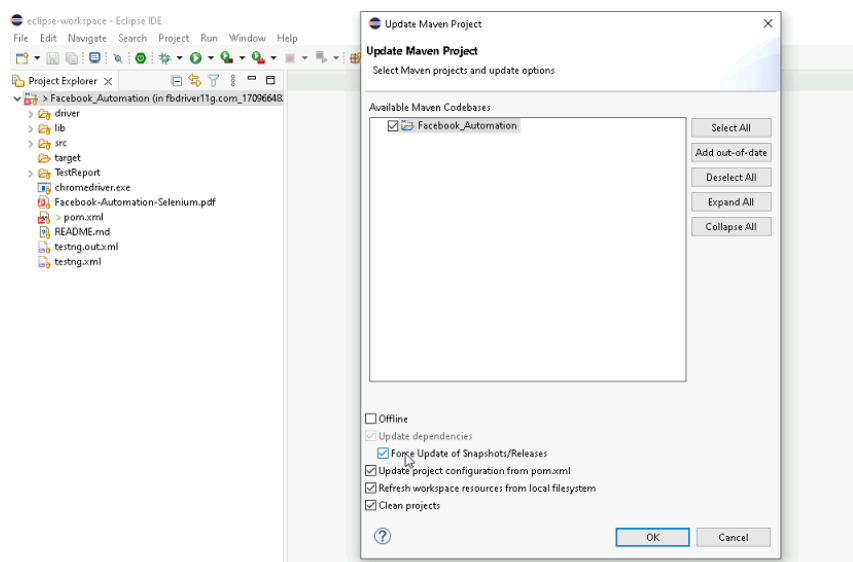
## Pre-requisite:

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	maternity_page.java	<ol style="list-style-type: none"><li>1. All core activities (mentioned in list above) to be performed here.</li><li>2. The comments associated with each templated method here describe the expectation.</li><li>3. You can define locators and xpath here.</li><li>4. Declare any variable/object you need to share data/status between different methods.</li><li>5. Do not modify the signature of methods declared here.</li><li>6. You can create additional supportive common methods in CommonEvents class.</li></ol>
/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"><li>1. Contains all common activities.</li><li>2. Certain templated common method declared here.</li><li>3. You implement them as per your need.</li><li>4. You can add any additional method for common activity here</li></ol>
	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	Verify the Maternity module is present or not	1. go to URL : <a href="https://healthapp.yaksha.com/">https://healthapp.yaksha.com/</a> 2. login as valid credential ( <b>username : admin , password : pass123</b> ) and click on "SignIn" Button 3. Scroll down menu till Maternity 4. Click on the Maternity	Maternity module should be present
2	Verify all sub-modules are displayed correctly after Clicking on the "Maternity " Module.	Pre-condition: User should be logged in and it is on Maternity module 1. Click on the Maternity Module drop-down arrow	All sub-modules should be displayed correctly. Expected Sub modules are : Maternity List , Payments , Reports
3	Verify to navigate to each sub-module which are present in the "Maternity" module	Pre-condition: User should be logged in and it is on Maternity module 1. Navigate to the "Maternity List" sub-module 2. Click on the "Payments" sub-module 3. Click on the "Reports" sub-module 4. Navigate back to the "Maternity" sub-module	Ensure that it should navigate to each sub-module which are present in the "Maternity" module
4	Verify the presence of Maternity list with all fields	Pre-condition: User should be logged in and it is on Maternity module 1. Navigate to "Maternity list" sub-module	Maternity list sub-module should be present Expected value that are present in "Maternity list" sub-module are  1. Buttons: First, Previous, Next, Last, Ok, Print, View 2. Fields: search bar, Edit Information Of 3. Drop down: Date range, "..."(3 dots) 4. Check-box: View all Maternity Patient 5. Date Picker: From, To 6. Tooltip: Star figure
5	Create Maternity record in the "Maternity "list by enter existing patient name in "Edit Information of" field	Pre-condition: User should be logged in and it is on Maternity module 1. Navigate to "Maternity list" sub-module. 5. Enter the patient name as "Akshit" in the "Edit Information of" field 6. Select the patient name from the dropdown 7. Enter the necessary field in the "New Patient Registration" page (Husband's Name, Patient Height(in cm), Patient Weight(in kg), 1st day Of Last Menstruation ,Expected Date of Delivery) 5. Click on "Register" button	Ensure that patient names are displayed in the list.  After clicking the "Register" button, a success message should appear: "Success: Patient details updated successfully."

6	Verify to search the data by apply the date filter	Pre-condition: User should be logged in and it is on Maternity module 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 "EDD" column date must fall within the selected date.
7	Verify to data range by select "Last 1 Week" option from drop down	Pre-condition: User should be logged in and it is on Maternity module 1. Navigate to "Maternity list" sub-module 2. Click on the data range button 3. select "Last 1 Week" option from the drop down 4. Click on "OK" button	Data should be present as per the selected date range using dropdown The "EDD" columns date must fall within the "one week".
8	Verify the functionality of the "View All Maternity Patients" checkbox	Pre-condition: User should be logged in and it is on Maternity module 1. Navigate to "Maternity list" sub-module 2. Click on the "View All Maternity Patients" checkbox	Ensure that all relevant records become visible as expected.
9	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 Maternity module 1. Navigate to "Maternity list" sub-module 2. Enter the string "2024-08-09" to verify in search box	Data should be present for the search
10	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 Maternity module 1. Navigate to "Maternity list" sub-module 2. Hover the mouse in "Star".	Tooltip should be present when hover the mouse on star with text "Remember this date"
11	Verify the presence of "View" button	Pre-condition: User should be logged in and it is on Maternity module 1. Navigate to "Maternity list" sub-module 2. Click on the "From" date 3. Select the "Jan 2020" date 4. Click on "OK" button 5. Fetch the list of "View" buttons and click the "View" button of last record. 6. Update the Husband name in popup "Update Details " form with Some random value. 6. Click on " Updated Details" button	Update " <b>Husband's Name</b> " fields and click on "Update Details" button.  Verify that a success message, "Patient details updated successfully," appears.
12	Verify the presence of "ANC" button	Pre-condition: User should be logged in and it is on Maternity module Click on the "From" date 1. Select the "Jan 2020" date 2. Click on "OK" button 3. Fetch the list of "ANC" button and Click the last button. 4. Update the following values : "Select ANC Visit", "Condition of ANC ", "Pregnancy Period(in weeks)", "Place Of ANC", "Weight(in kg)" 5. Click on " Add" button. 6. Close the "Maternity ANC" form	Ensure that any updates made on the "Update Details" page are accurately reflected in the record of the specific patient.

**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.

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## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

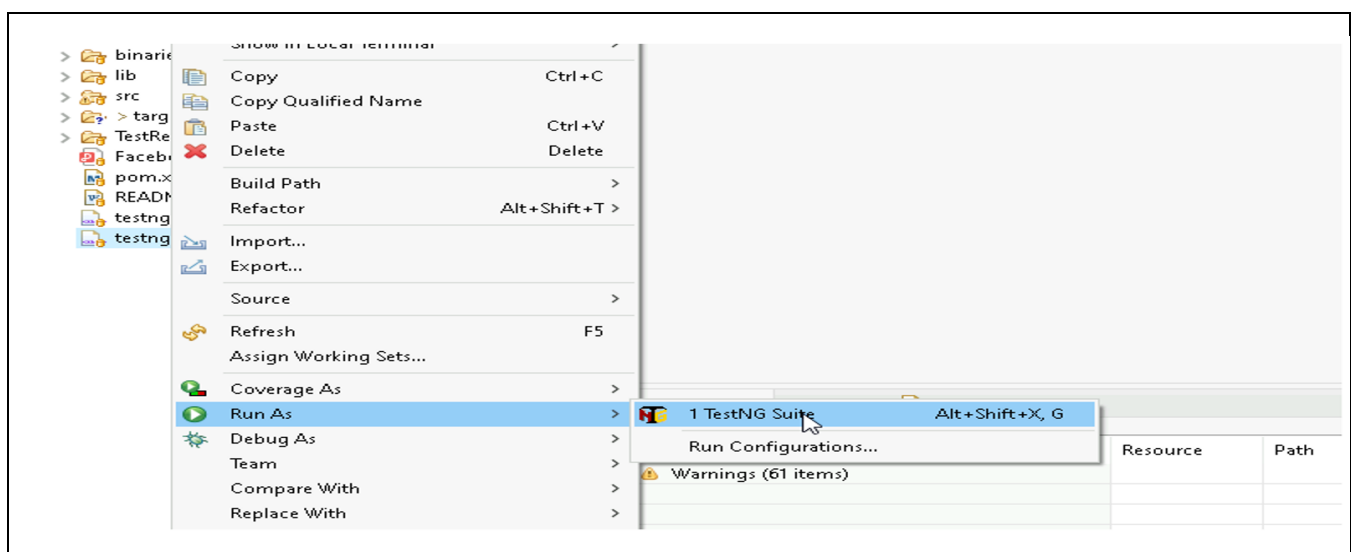
### 1.1 CODE QUALITY/OPTIMIZATIONS

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

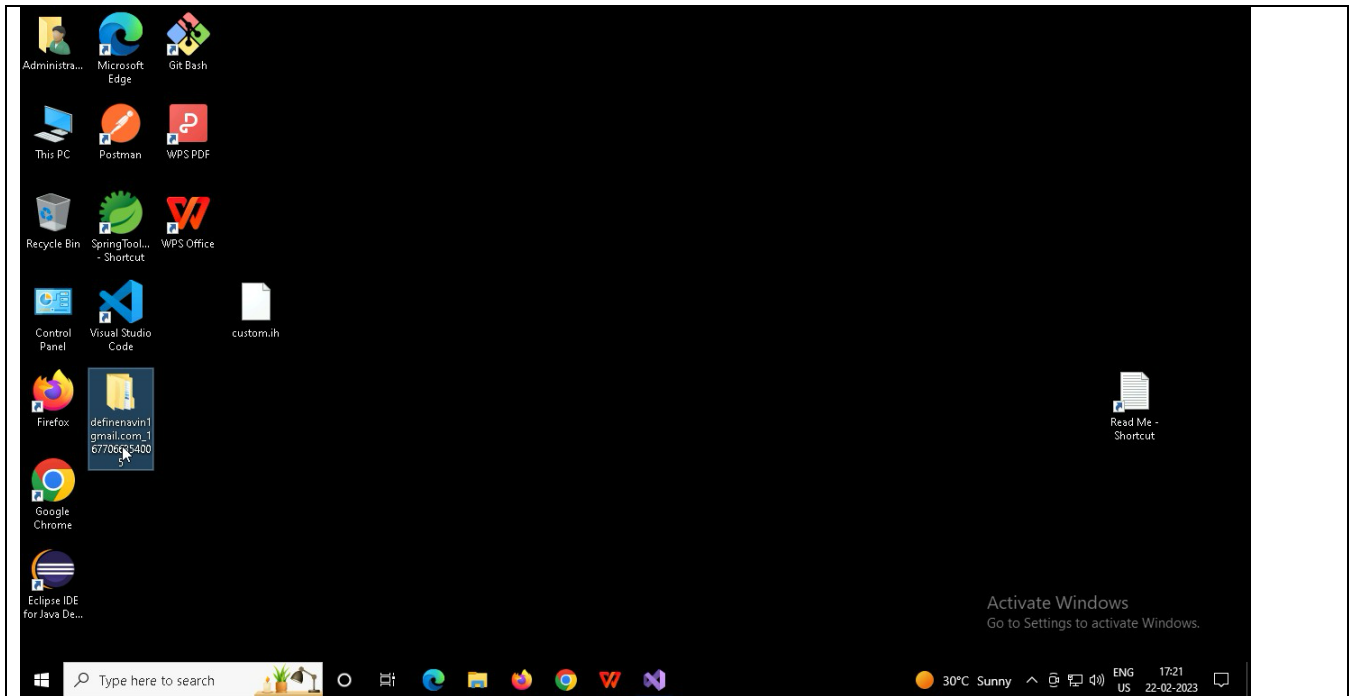
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## EXECUTION STEPS TO FOLLOW

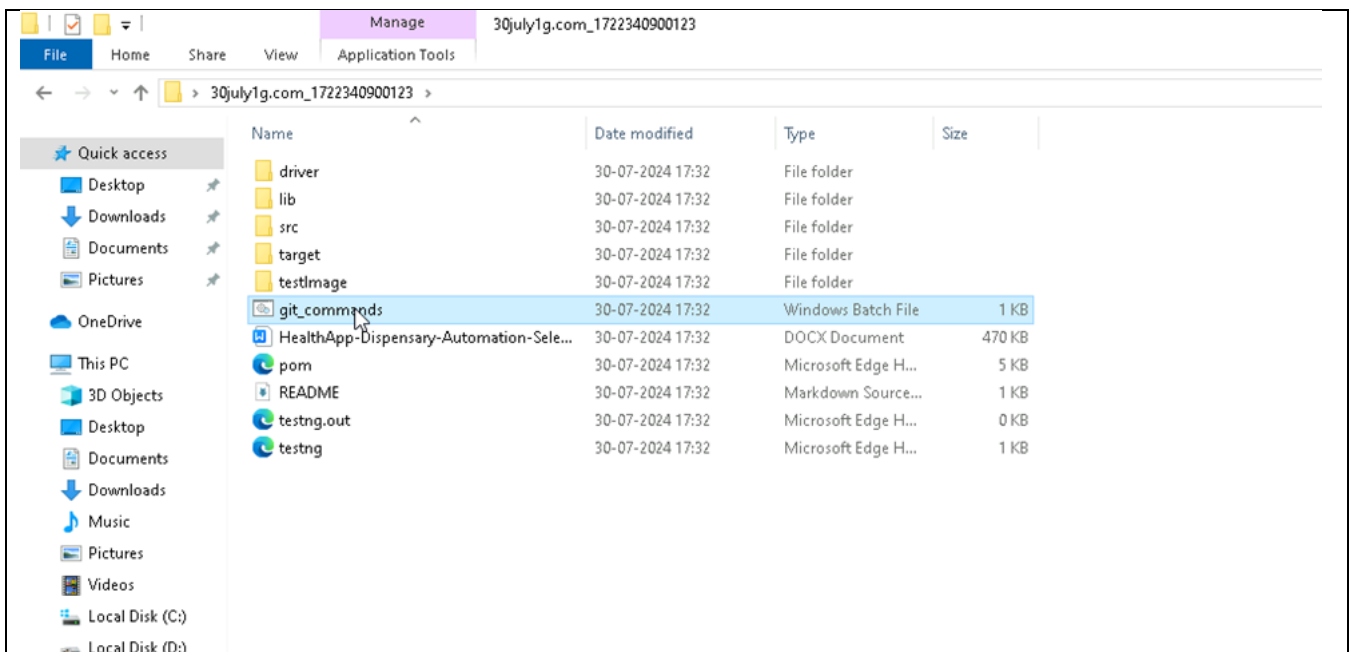
1. **You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.**
2. **You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite**



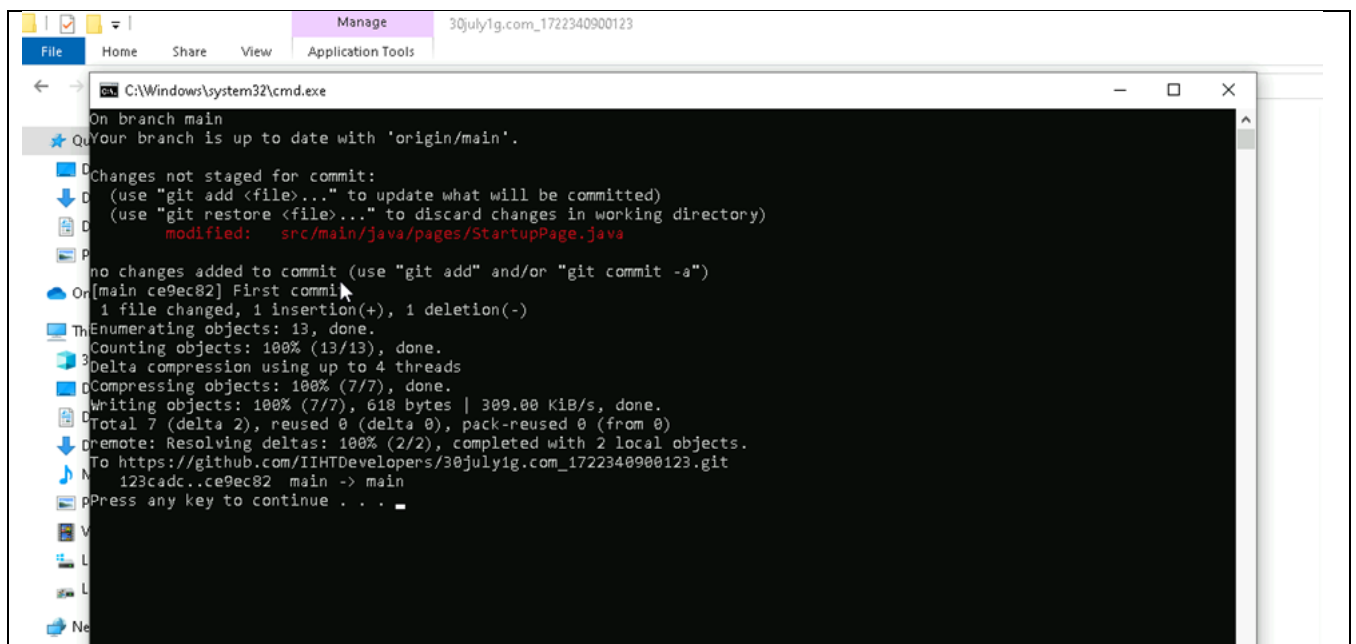
3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:



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.



```
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")
On [main 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/30july1g.com_1722340900123.git
   123cadc..ce9ec82  main -> main
Press any key to continue . . .
```

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All the Best