

# HEALTHAPP AUTOMATION VERIFICATION 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/coreUtilities/utis/	FileOperations.java	<p>The method for reading data as input from an Excel file have already been implemented here.</p> <p>This method is used to fetch the required data from excel including the URL for navigation.</p>
/src/main/java/pages	verification_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/utis	CommonEvents.java	<ol style="list-style-type: none"><li>1. Contains all common activities.</li></ol>

		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:

#	Summary	Action	Expected Result
1	Verify the verification 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 verification 4. Click on the verification	Verification module should be present
2	To ensure that all designated sub-modules(Displayed after expanding verification module) in left panel are correctly displayed under the Verification module.	<b>Preconditions:</b> User should be logged in and it is on verification module <b>Steps:</b> <ol style="list-style-type: none"> <li>Click on the verification Module drop-down arrow</li> </ol>	All sub-modules should be displayed correctly. Expected Sub modules are : Inventory, Pharmacy
3	Verify the presence of Requisition tab in inventory section along with mentiond fields in expected result.	<b>Preconditions:</b> The user must be logged into the health system. User should be on verification module. <b>Steps:</b> <ol style="list-style-type: none"> <li>Click on the "Inventory" option to access its features.</li> <li>Within the Inventory section, locate and click on the "Requisition" tab.</li> </ol>	The Requisition tab should contain all listed components  <b>Tabs:</b> Requisition, Purchase Request, Purchase Order, and GR Quality Inspection <b>Radio Buttons:</b> Pending, Approved, Rejected, All
4	To ensure seamless navigability between the Inventory and Pharmacy sections within the Verification module.	<b>Preconditions:</b> The user must be logged and located within the "Requisition" tab under the Inventory section of the Verification module. <b>Steps:</b> <ol style="list-style-type: none"> <li>Click on the inventory</li> <li>Click on the pharmacy</li> </ol>	User should navigate to the pharmacy section from the inventory section

5	To confirm that users can seamlessly navigate from the Requisition sub-tab to the Purchase Order sub-tab within the Inventory section of the Verification module.	<b>Preconditions:</b> The user must be logged into the health system. The user is currently within the Verification module, specifically under the Inventory section. <b>Steps:</b> 1. Click on Inventory 2. Click on Requisition tab 3. From the Requisition sub-tab, locate and click on the "Purchase Order" sub-tab.	Verify that users can seamlessly navigate from the Requisition sub-tab to the Purchase Order sub-tab.
6	To confirm that users can successfully use date filters to search for data within the Verification module by selecting specific date ranges, and to verify that the search results reflect data from the selected time period.	<b>Preconditions:</b> The user must be logged into the health system. The user is currently on Requisition tab of Inventory sub module of the Verification module. <b>Steps:</b> 1. Click on Requisition tab 2. Click on the "From" date, Choose a date that is 7 days back from the current date. 3. Click on the "To" date, Choose the current date from the calendar that appears. 4. Click the "OK" button to apply the selected date range.	The 'Requested on' column date must fall within the date selected by the user.
7	To ensure that when a user hovers the mouse over the "Star" icon within the Requisition tab of the Inventory submodule in the Verification module, a tooltip appears.	<b>Preconditions:</b> The user must be logged into the health system. The user is located within the Requisition tab of the Inventory submodule in the Verification module. <b>Steps:</b> 1. Identify the "Star" icon within the Requisition tab. 2. Hover the mouse on the "Star" Icon	Verify that the tooltip contains the exact text <b>"Remember this date"</b>
8	To verify that the system retains selected date ranges within the Verification module when navigating between the "Pharmacy" and "Inventory" tabs, ensuring that user inputs are preserved across different sections for consistent user experience.	<b>Preconditions:</b> The user must be logged into the health system. The user is located within the Requisition tab of the Inventory submodule in the Verification module <b>Steps:</b> 1. Set 'From' Date approx. 50 days older than the current date. 2. Set 'To' Date as current date. 3. After setting the dates, click on the "Star" icon. 4. Click on the "OK" button to apply the selected date range. 5. Navigate to the "Pharmacy" tab (just next to Inventory on top of page). 6. Navigate back to the "Inventory" tab.	Upon returning to the "Inventory" tab from the "Pharmacy" tab, the previously selected dates ("FROM" and "TO") should be remembered and displayed correctly.

**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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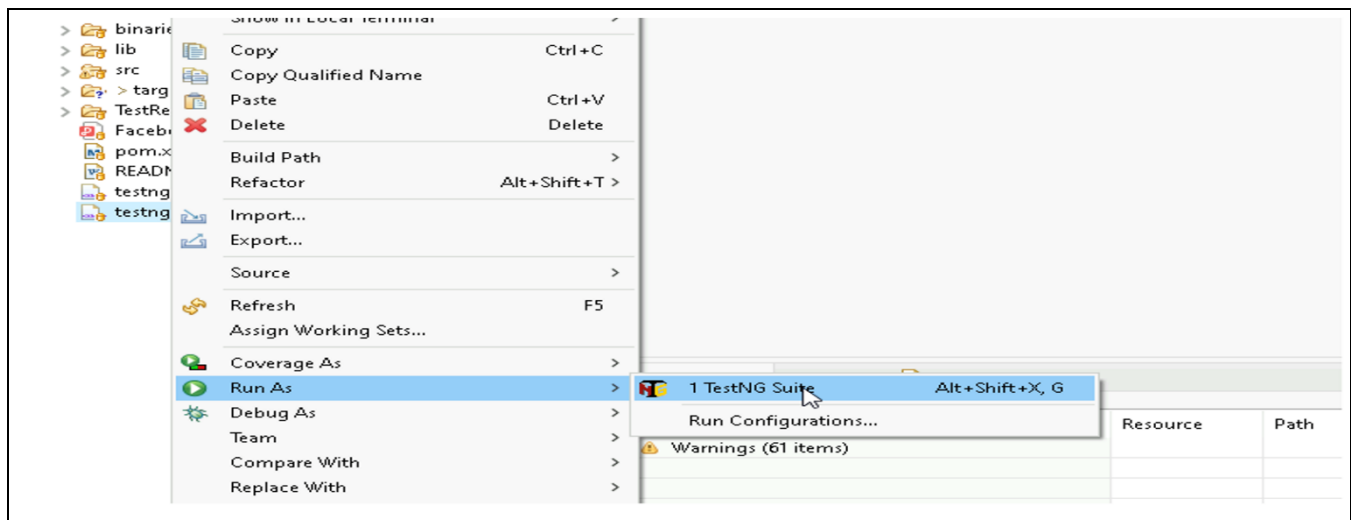
## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

### 1.1 CODE QUALITY/OPTIMIZATIONS

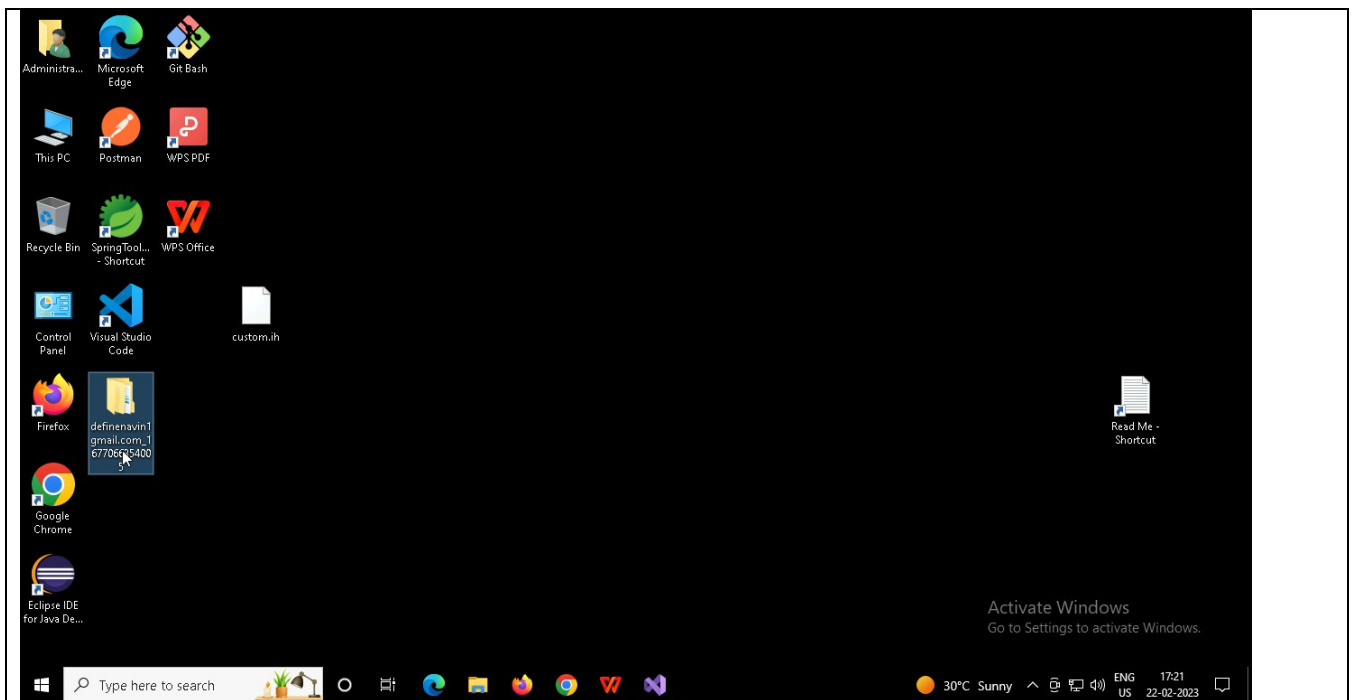
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

## EXECUTION STEPS TO FOLLOW

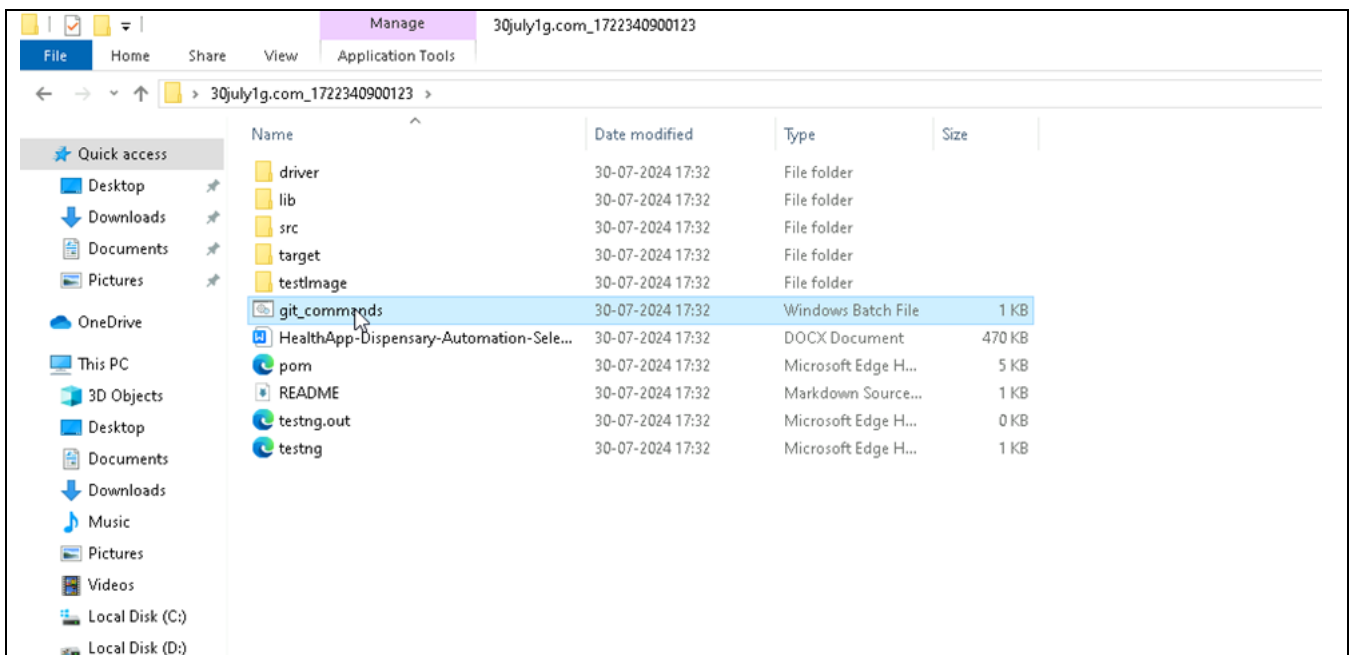
1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite.



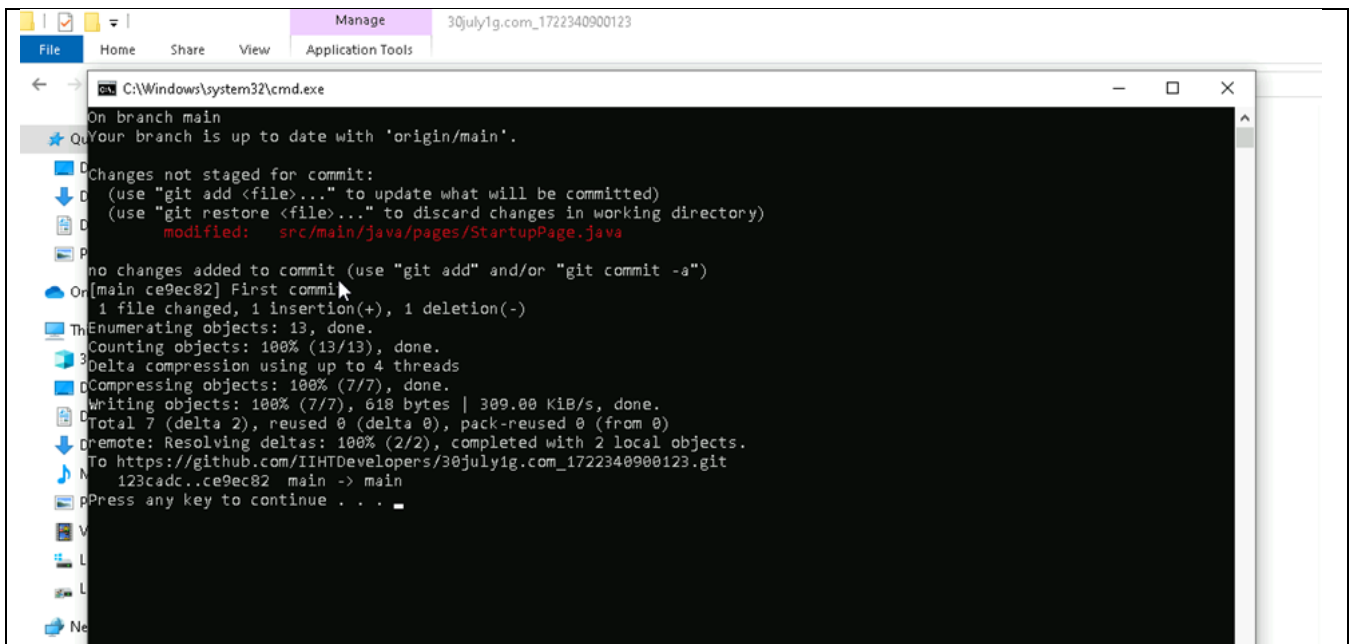
3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:



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

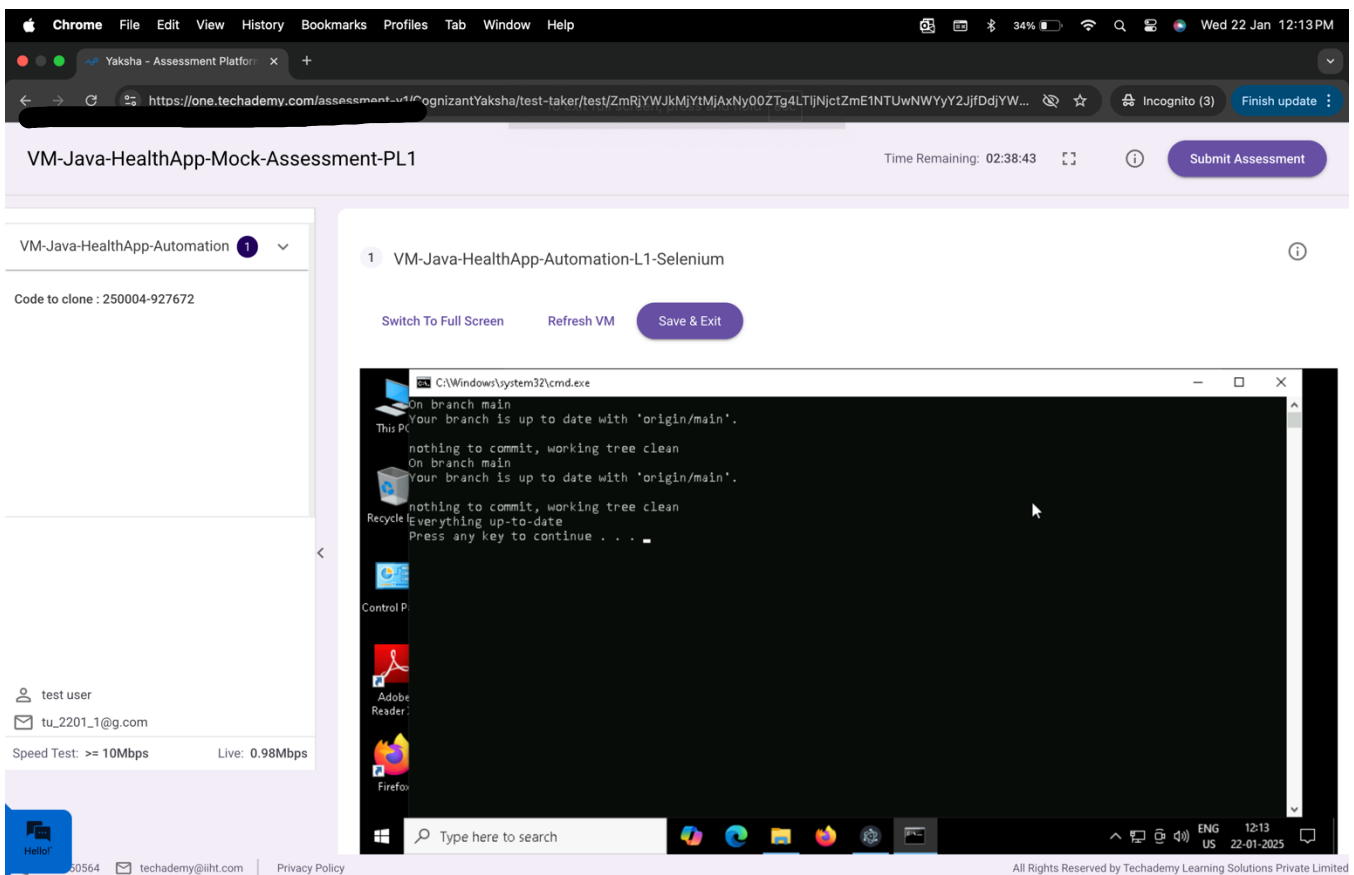
On branch main
Your branch is up to date with 'origin/main'.

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.



The screenshot shows a web browser window with the URL <https://one.techademy.com/assessment-v4/IncognizantYaksha/test-taker/test/ZmRjYWJkMjYtMjAxNy00ZG4LTjNjctZmE1NTUwNWYyY2JfDdjYW...>. The page title is "VM-Java-HealthApp-Mock-Assessment-PL1". A sidebar on the left shows "VM-Java-HealthApp-Automation" with a code to clone: "250004-927672". The main area displays "1 VM-Java-HealthApp-Automation-L1-Selenium" with buttons for "Switch To Full Screen", "Refresh VM", and "Save & Exit". A large terminal window is open, showing the same Git status and commit output as the first image. The bottom of the page includes a footer with "All Rights Reserved by Techademy Learning Solutions Private Limited".

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

## HealthApp Automation – Verification



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All the Best