

YAKSHA HEALTH APP WITH TYPESCRIPT AND PLAYWRIGHT PL1-6

Usecase summary

Project Name: <https://yakshahrm.makemylabs.in/orangehrm-5.7> app – HR management system.

Use Case Summary: <https://yakshahrm.makemylabs.in/orangehrm-5.7> is designed to manage Employee records. Records (HRMS). It allows users to view, search, and manage employee records. It features functionality such as adding/editing employee details, filtering data by department and role, and exporting records. The primary use case is to automate the process of employee data management, ensuring efficient and reliable operations for human resources teams in organizations

Technology Stack:

- **Automation Tool:** Playwright (for testing)

Key Features:

- **Patient Record Management:** Add, edit, and delete Employee records.
- **Filtering and Search:** Search Employee records by date range, name, department, and more.
- **Export Functionality:** Export records for offline access.

Expected Outcomes:

- Automate key HR operations like employee record handling, filtering, and validation.
- Ensure the accurate retrieval and modification of employee records, enhancing operational efficiency.

Overview of the application

Pages/Features that are to be focused for the application

Please use the Application URL <https://yakshahrm.makemylabs.in/orangehrm-5.7>

PROBLEM STATEMENT

Need to automate the following activities using playwright+typescript

You will be given few Json files in Data folder like Login.json and TestData.Json

Path	File	Description
src\data	login.json TestData.json	1. Contains data to read from a json file.

src\ pages	<ul style="list-style-type: none"> • AdminPage • BuzzPage • LeavePage • LoginPage • MyInfoPage • PIMpage 	<ol style="list-style-type: none"> 1. All core activities are to be performed here. 2. The comments associated with each templated method here describe the expectation. 3. Declare any variable/object you need to share data/status between different methods. 4. Do not modify the signature of methods declared here.
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Here's a detailed table format for the test cases to be tested

Test Case No.	Test Case Name	Test Steps to be performed	Path & Method Used	Expected Result
1	Verify "Delete Post" Functionality	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "Buzz" tab in sidebar 3. Click on Delete button on any post in the List 4. Click on "Yes delete" button in popup <p>It is must implement this login functionality at first and then implement any other test case.</p>	<p>Reference path</p> <p>\src\pages\BuzzPage</p> <p>Methods</p> <p>delete()</p> <p>You can use the highlightElement method present in CommonMethods file to highlight the element before performing any action on it. It takes the locator as a parameter.</p>	Post should get Deleted
2	Verify "Get" help button is functional	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "Question mark icon" button 	<p>Reference path</p> <p>\src\ pages\LoginPage</p> <p>Methods</p> <p>getUrl()</p> <p>You can use the highlightElement method present in CommonMethods file to highlight the element before performing any action on it. It takes the locator as a parameter.</p>	User should be redirected to new URL
3	Verify List of Reports	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "PIM" in the sidebar 3. Click on the Employee List tab 4. check for presence of a list 	<p>Reference path</p> <p>\src\ pages\PIMpage</p> <p>Methods</p> <p>getEmpList ()</p> <p>You can use highlightElement method present in</p>	A list of employees should appear

Test Case No.	Test Case Name	Test Steps to be performed	Path & Method Used	Expected Result
			CommonMethods file to highlight the element before performing any action on it. It takes the locator as a parameter.	
4	Verify Employee List Search functionality	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "PIM" in the sidebar 3. Click on the Employee List tab 4. Enter the Username to search 5. Click the "Search" button 	Reference path \src\ pages\ PIMpage Methods verifyEmp() You can use the highlightElement method present in CommonMethods file to highlight the element before performing any action on it. It takes the locator as a parameter.	Only searched keyword should be present in the list
5	Verify Primary Color of corporate branding could be changed	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "admin" in the sidebar 3. Click on the "Corporate branding" tab 4. Click the color circle after primary color label 5. Enter the hexacode of the color 6. Click on Publish button 	Reference path \src\ pages\ AdminPage Methods primaryColor() You can use the highlightElement method present in CommonMethods file to highlight the element before performing any action on it. It takes the locator as a parameter.	Primary color should be set to desired one
6	Verify Client Logo could not be uploaded above 1 mb	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "admin" in the sidebar 3. Click on the "Corporate branding" tab 4. Click the Client Logo Browse button 5. Select the desired file from the device and click open button 	Reference path \src\pages\ AdminPage Methods: companyLogo().	Incorrect Dimension Error should Display
7	Verify Language change Functionality	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "admin" in the sidebar 3. Click on the "Configuration" tab 4. Click the Localization button 5. Select the desired Language from the dropdown (Chinese) 6. Click on Save button 	Reference path \PageObjects\Pages\ AdminPage Methods: changeLanguage	Successfully Updated alert should be displayed

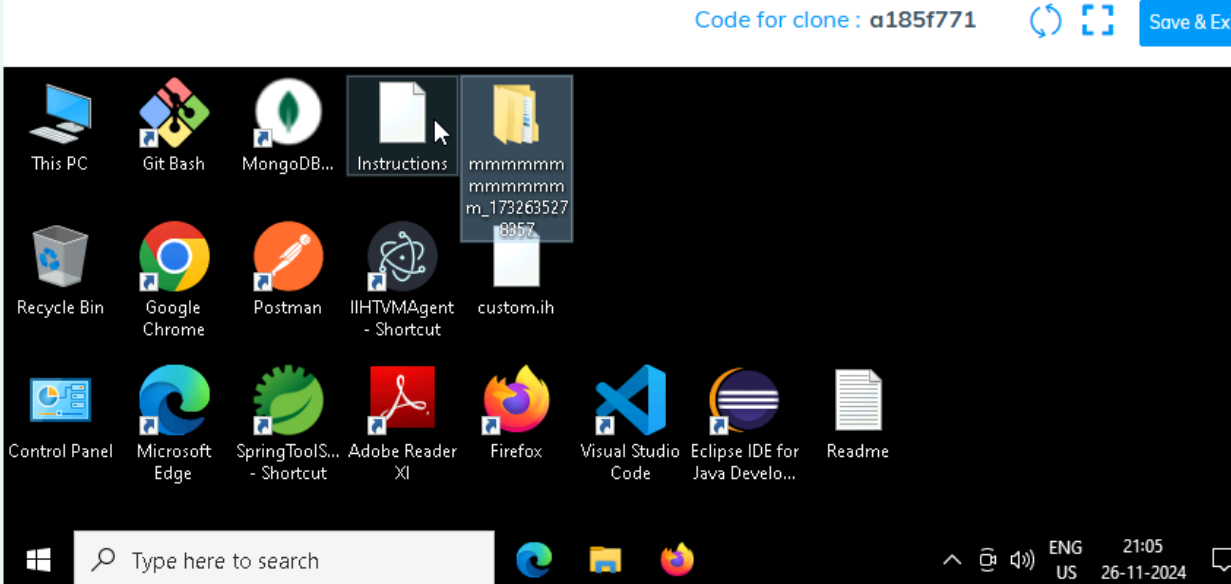
8	Verify Required Field Error in Leaves Tab displays when the required field is empty.	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "leave" in the sidebar 3. Click on the "assign Leave" button 4. Click on the "Assign" button without filing any details in any field 	Reference path \src\pages\LeavePage Methods verifyLeaveField() You can use the highlightElement method present in CommonMethods file to highlight the element before performing any action on it. It takes the locator as a parameter.	"Required" error should be displayed
9	Verify My info Download Functionality	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "My info" in the sidebar 3. Scroll to the bottom 4. Click on "Download icon" button 	Reference path \src\ pages\MyInfoPage Methods downloadInfo(). You can use the highlightElement method present in CommonMethods file to highlight the element before performing any action on it. It takes locator as a parameter	File should get Downloaded
10	Verify User details could be Updated	<ol style="list-style-type: none"> 1. Login using valid credentials 2. Click on "My info" in the sidebar 3. Enter the username, middle name, last name in the form 4. Click the save button>Refresh <p>Note :- If you cannot find the locator for the "Proceed" button, please try to keep the page at 75%-80%.</p>	Reference path \src\pages\MyInfoPage Methods verifyUser() You can use the highlightElement method present in CommonMethods file to highlight the element before performing any action on it. It takes the locator as a parameter.	User name should get Updated successfully

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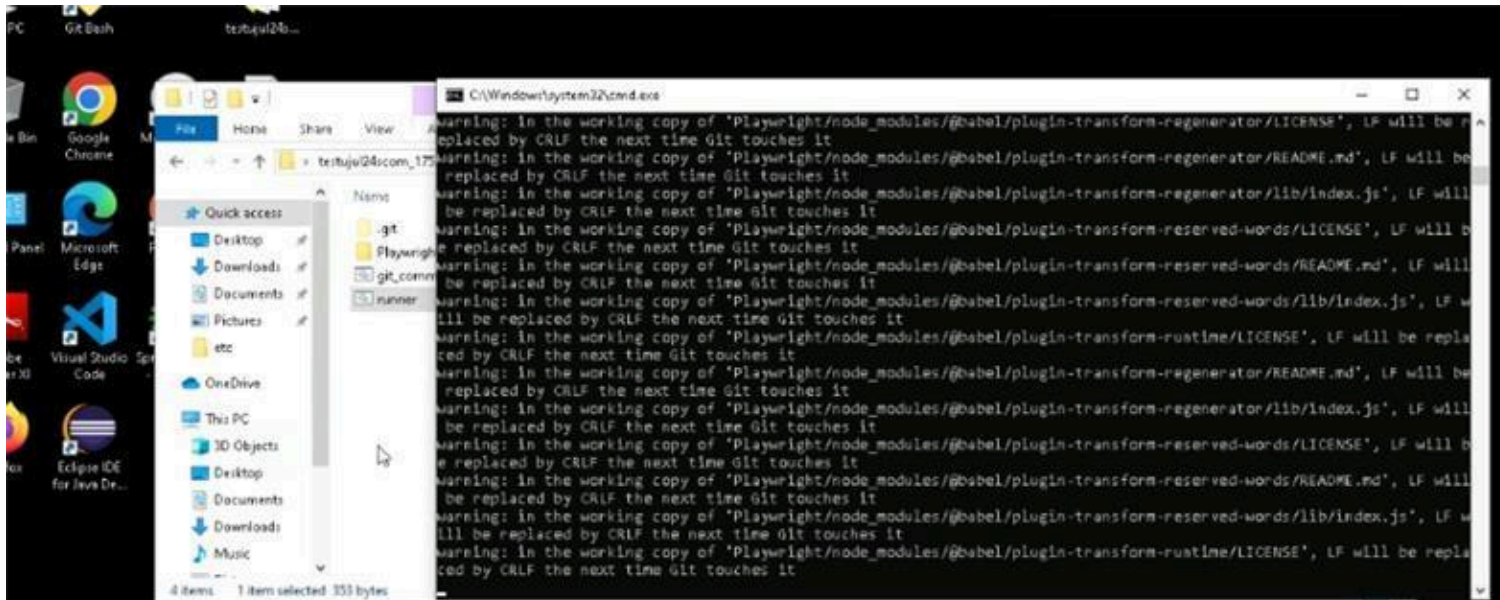
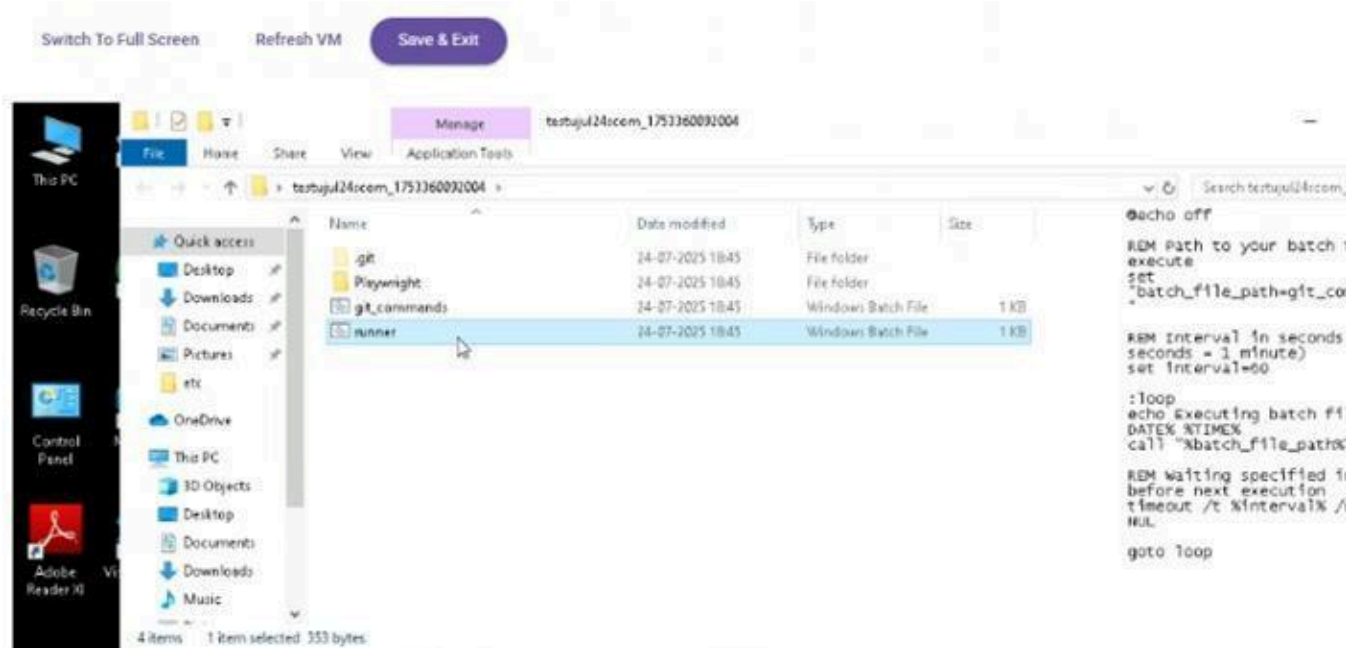
1. Associates should have written clean code that is readable.

Steps for Execution:

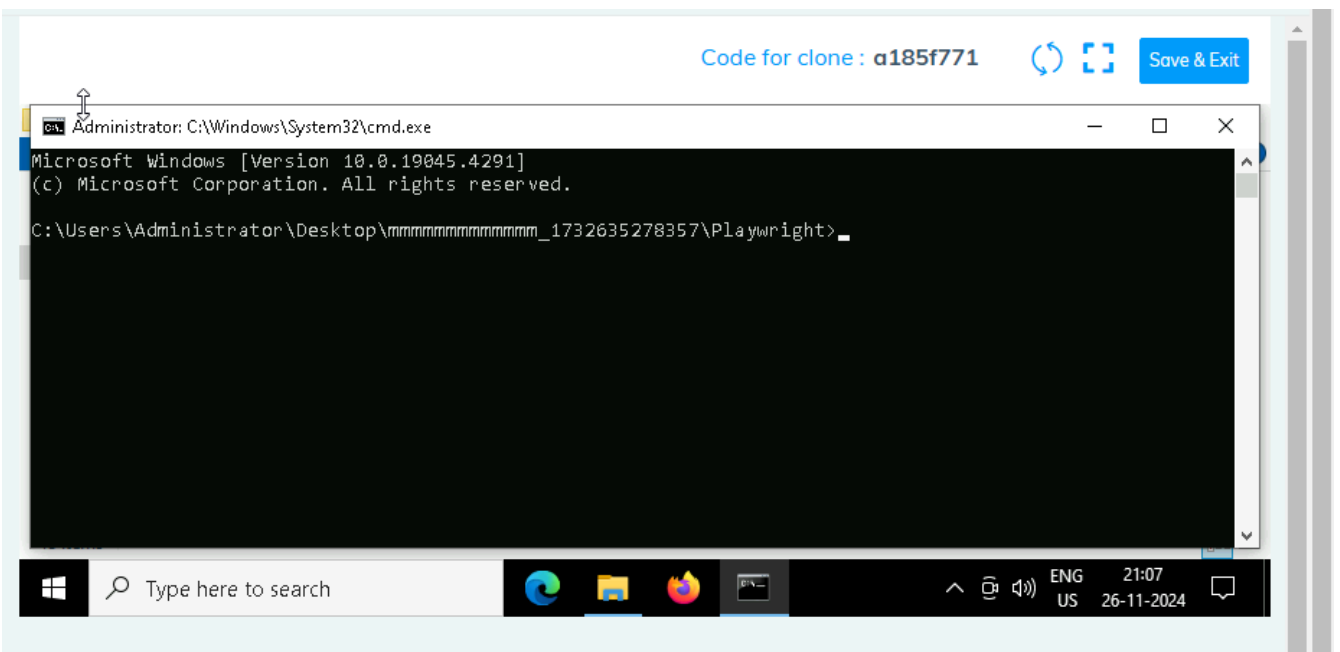
1. Please open the folder created on the desktop with the email name you used to login.

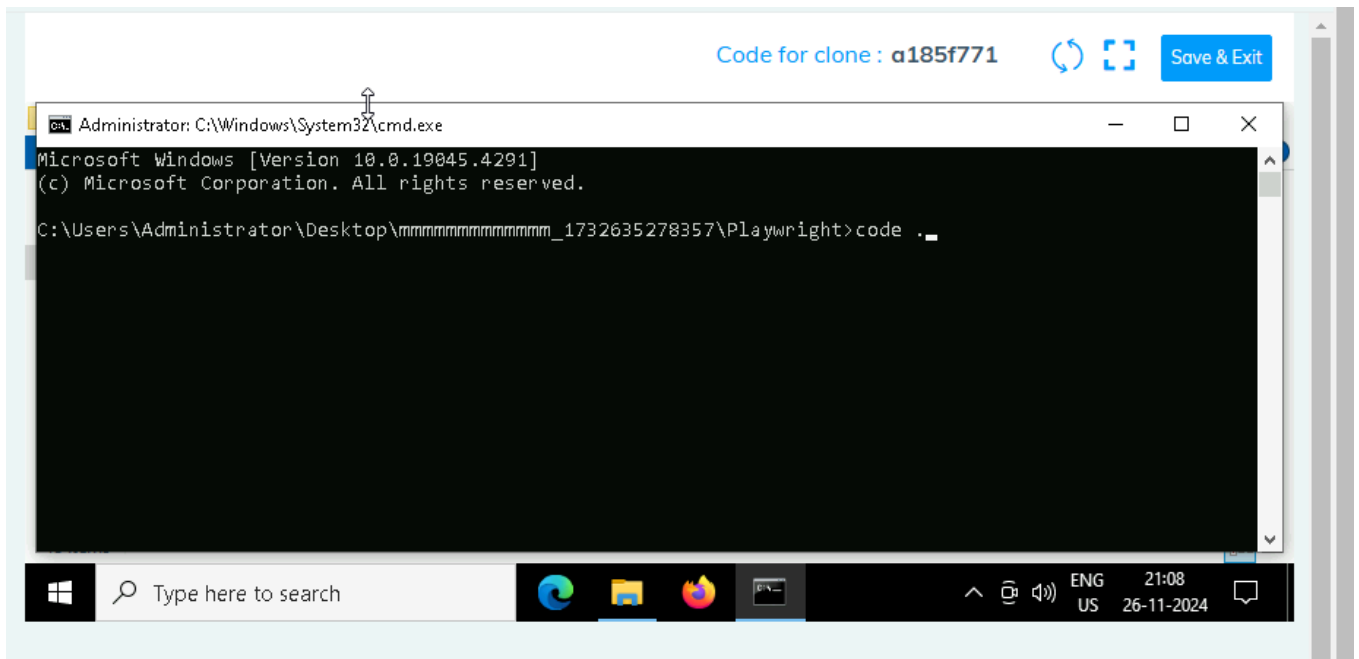


2. Go into the Playwright folder and execute this “runner” file. This will keep pushing the code at regular intervals

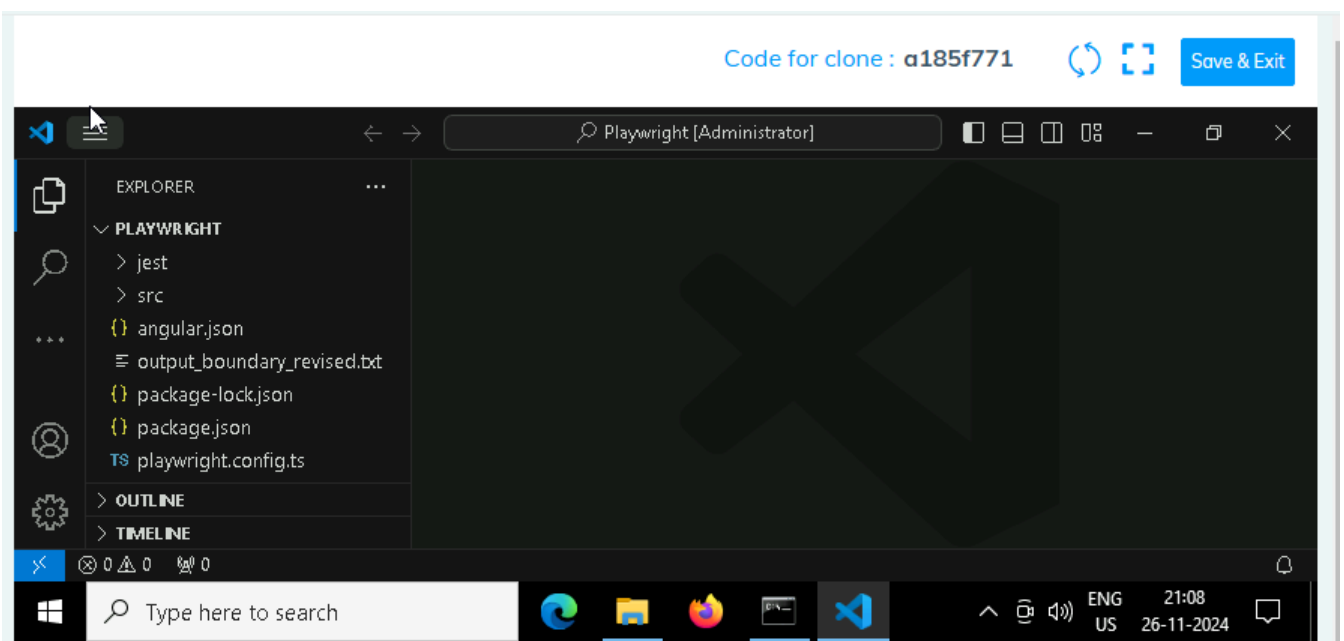


with its location and use below command: code .





4. Once VS Code is open. Please open the terminal in Playwright folder:



5. Install all dependencies in the Playwright folder

path using: `npm install`

6. Install playwright in the Playwright

folder path: `npx playwright install`

7. Run the Tests in the Playwright folder path:

`npx playwright test ./src/tests/PL1_testcases/yaksha.spec.ts`

