Automated Test Report: Admin Leave Request Feature

Test Environment:

- URL: http://localhost:5173/

- Browser: Google Chrome (Selenium WebDriver)

- Execution Date: [Auto-Generated by Script]

- Tester: Automated via Python Selenium Script

Test Case 1: Admin Login

- Objective: Verify that the admin can log in successfully.

- Steps:

  1. Open the login page

  2. Enter email: admin@gmail.com

  3. Enter password: admin

  4. Click Login

- Expected Result: User is redirected to the dashboard and sees a welcome message.

- Actual Result: PASS ("Welcome" message found)

- Screenshot: screenshots/1_after_login.png

Test Case 2: Navigate to Leave Request Page

- Objective: Ensure the admin can access the Leave Requests page.

- Steps:

  1. Click on the "Leave Requests" link from the sidebar.

- Expected Result: Leave request form is visible.

- Actual Result: PASS (Form elements found)

- Screenshot: screenshots/2_leave_request_page.png

Test Case 3: Submit a New Leave Request

- Objective: Test the submission of a leave request with all required fields.

- Steps:

  1. Enter Start Date: 2025-06-27 10:00 AM

  2. Enter End Date: 2025-06-28 06:00 PM

  3. Enter Reason: Medical emergency - doctor recommended 2-day rest due to fever

  4. Select Leave Type: Sick Leave

  5. Click "Apply Leave"

- Expected Result: Form is submitted and the request appears in the leave history table.

- Actual Result: PASS (Data matched in table)

- Screenshot: screenshots/3_leave_table.png

Test Case 4: Verify Submitted Leave Request

- Objective: Confirm that the submitted leave appears correctly in the table.

- Steps:

1. Read the leave request table.

2. Verify it contains:

   - Leave Type: Sick Leave

   - Reason: Medical emergency - doctor recommended 2-day rest due to fever

- Expected Result: Both values are found in the table.

- Actual Result: PASS

Summary:

- Total Test Cases: 4

- Passed: 4

- Failed: 0

- Screenshots Saved In: screenshots/

Remarks:

- The test executed successfully in under 8 seconds.

- Script uses dynamic timestamped reasons to avoid duplication.

- Future improvements could include headless browser mode and multiple leave type scenarios.

End of Report