QA Project Overview: OrangeHRM Demo Site

Project Title: Manual QA Testing of OrangeHRM Open Source Web Application
Project Type: Independent QA Portfolio Project
Project Duration: April 25, 2025 - May 6, 2025
Website Under Test: https://opensource-demo.orangehrmlive.com/web/index.php/auth/login
Your Role: QA Engineer (Manual Testing)

Project Description:

This project focuses on performing structured manual testing of the OrangeHRM Open Source demo site, a Human Resource Management web application. The purpose is to simulate a real-world QA workflow — from requirement analysis and test planning to execution, defect reporting, and summary documentation — and to showcase strong documentation and testing practices suitable for a junior QA role.

OrangeHRM is widely used for HR operations such as employee management, leave tracking, time management, recruitment, and performance monitoring. This QA project evaluates the login process, user roles, dashboard functionality, employee directory, and leave module to ensure the system performs as expected.

Project Objectives:

Analyze system functionality and extract requirements.

Create QA documentation: SRS, Test Plan, Test Cases, and Bug Reports.

Perform different types of testing: smoke testing, functional testing, UI testing, negative testing.

Identify, document, and prioritize defects.

Generate a final test summary report outlining overall QA coverage and outcomes.

Tools and Technologies Used:

Browsers: Google Chrome (for UI testing and DevTools inspection)

Documentation: Microsoft Word, Excel

Screenshots: Snipping Tool / Lightshot

Bug Tracking: Excel

Stakeholders (Simulated for Portfolio Purposes):

QA Engineer: Noureddine Bendelala

End Users: Noureddine Bendelala (acting as an HR Admin and Employee user)

Simulated Client: OrangeHRM Open Source Community