Orangehrmlive.com

1.Introduction

1.1. Purpose

Purpose of this testing project is to validate the functionalities of the OrangeHRM software. Here I am focusing the testing various user interface components, including text inputs, check boxes, Button clicks, Radio buttons, Date Picker, file upload functionalities. This ensures each components work as expected.

1.2. Scope

The scope of this automation testing project includes the comprehensive validation of the OrangeHRM software's user interface components. The testing will be automated using Selenium WebDriver and will cover the following aspects:
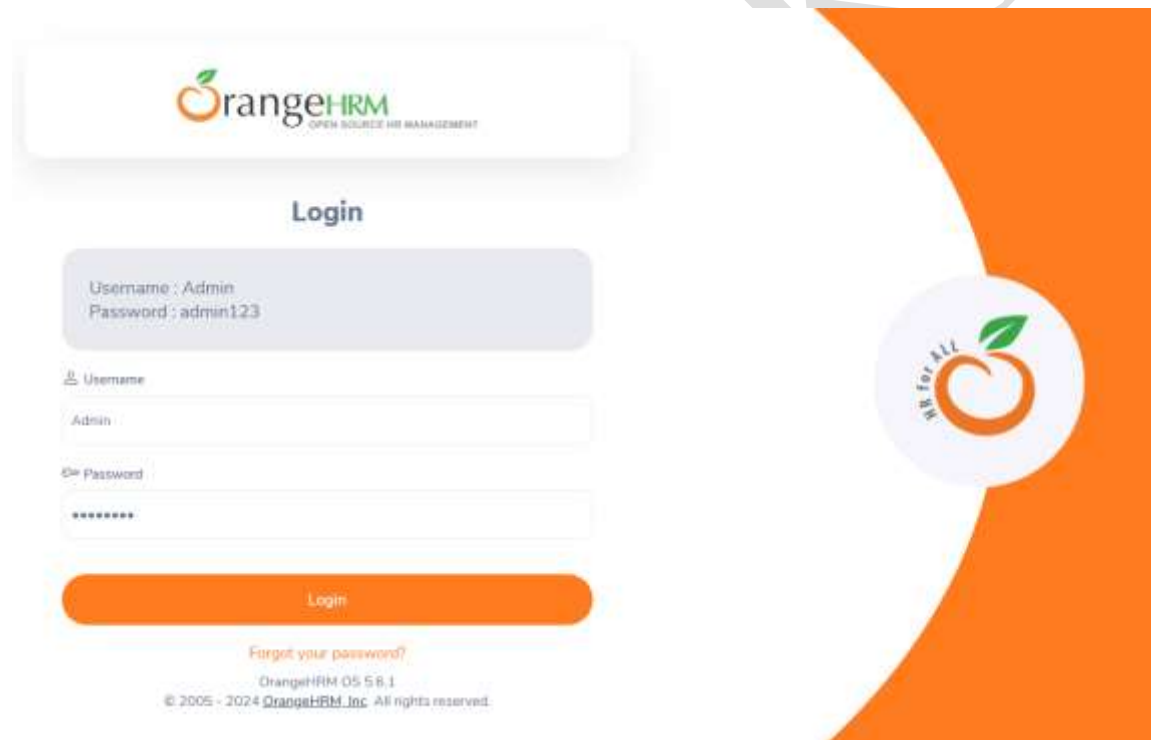
- Text Inputs: Automating tests to ensure text fields accept and process input correctly, handle edge cases (e.g., special characters), and display appropriate validation messages.
- Check Boxes: Automating tests to verify that check boxes can be selected and deselected as expected.
- Button Clicks: Automating tests to check all buttons for correct functionality, ensuring they trigger the appropriate actions such as form submissions, navigation, and other interactive features.
- Radio Buttons: Automating tests to validate radio buttons, ensuring only one option can be selected within a group and that the selection is accurately recorded.
- Date Picker: Automating tests to verify the date picker component allows users to select dates accurately, with correct date formatting and processing.
- File Upload: Automating tests to ensure the file upload component functions correctly, including verifying file selection, and upload processes
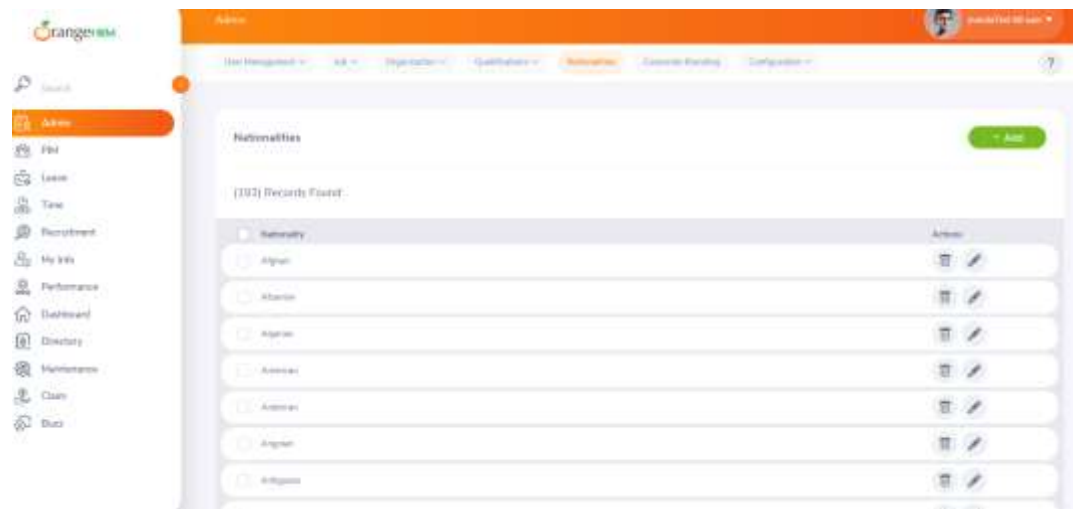
1.3. Objectives

I conducted 5 major test cases there I automated each mentioned process.
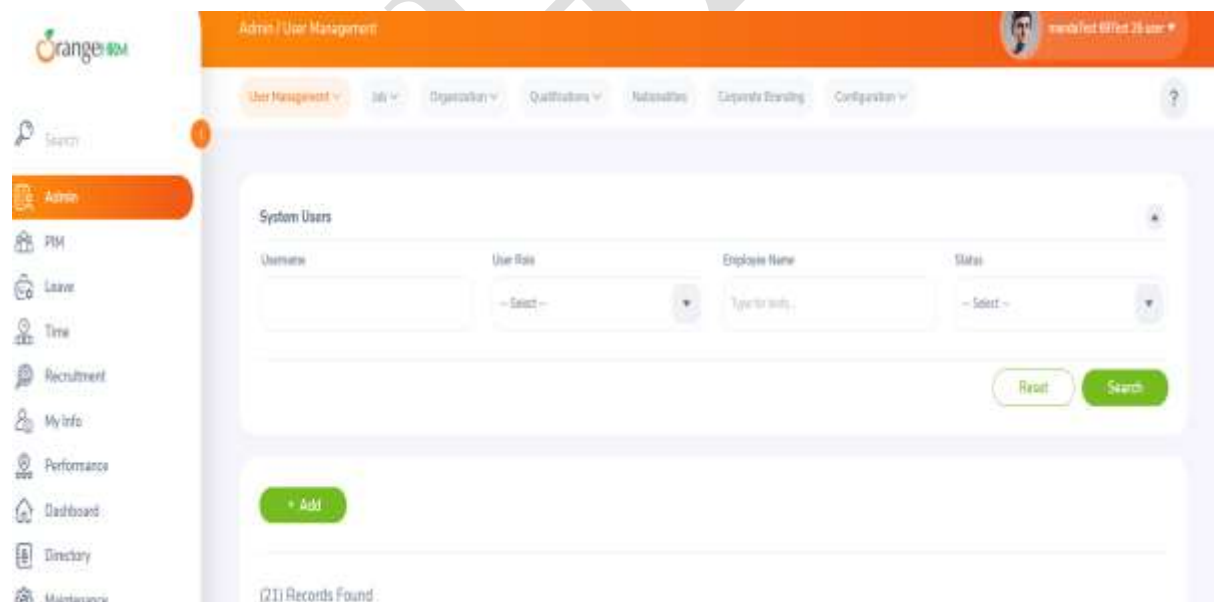
1.3.1Test login process.

- Use correct password username.
- Use incorrect password correct user name.
- Use correct password and incorrect user name.
- Use incorrect password and incorrect user name.

1.3.2. Checking Adding Nationality

1.3.3. Search for a system User

1.3.4. Editing My info (here test the some of the major parts)

1.3.5. Directories

2.Test Environment

2.1. Software

The software configuration required for the testing environment for the OrangeHRM automation testing project includes:

- Operating system: Windows 11
- Web Browser: Chrome version 3.
- Java Development kit (JDK): JDK 17
- Integrated Development Environment (IDE): IntelliJ IDEA
- Selenium WebDriver: Version

2.3. Test Data

The test data required for the OrangeHRM automation testing project includes:

- User Credentials: for test user name and password
- Date Values: various date values for testing date picker
- File uploads: sample files for test upload functionalities.
- Input Values: A range of input values for testing text fields.

3.Teat Plan

3.1. Teat Cases

Excel Sheet:

3.2. Test Schedule

Start Date - 2024.06-17
End Date – 2024.06.24