**PAT project - 2**

## Test Case Document for OrangeHRM - forgot password and admin module.

## **Project: OrangeHRM Automation Testing**

### **Overview**

This document outlines the test cases executed for the OrangeHRM automation project using Selenium and pytest. The focus is on validating the Forgot Password functionality and various features in the Admin module.

## **Test Environment**

* **Application URL**: [Orange HRM](https://opensource-demo.orangehrmlive.com/)
* **Browser**: Chrome
* **Testing Framework**: pytest- DDTF model
* **Data Source**: Excel file for test case scenarios(data/test\_plan.xlsx)

### **Test Case Summary**

#### **TC\_01: Validate Forgot Password Link (Empty Username)**

* **Test Objective**: To verify that the application displays a "Required" error message when the username field is left empty.
* **Preconditions**: The user is on the Forgot Password page.
* **Test Steps**:
  1. Leave the username field empty.
  2. Click on the "Reset" button.
* **Expected Result**: The application should display a "Required" error message.
* **Actual Result**: Required Error (Pass).

#### **TC\_02: Validate Forgot Password Link (Press Reset)**

* **Test Objective**: To ensure that the application sends a reset password link successfully when the reset button is clicked.
* **Preconditions**: The user is on the Forgot Password page with a valid username entered.
* **Test Steps**:
  1. Enter a valid username in the username field.
  2. Click on the "Reset" button.
* **Expected Result**: The application should display a message indicating that a reset password link has been sent successfully.
* **Actual Result**: Reset Password link sent successfully (Pass).

#### **TC\_03: Validate Forgot Password Link (Press Cancel)**

* **Test Objective**: To verify that clicking the Cancel button redirects the user back to the main page.
* **Preconditions**: The user is on the Forgot Password page.
* **Test Steps**:
  1. Click on the "Cancel" button.
* **Expected Result**: The application should redirect the user back to the main page.
* **Actual Result**: Back to main page (Pass).

#### **TC\_04: Validate Admin Page Title**

* **Test Objective**: To check if the title of the Admin page is displayed correctly as "OrangeHRM."
* **Preconditions**: The user is logged into the Admin page.
* **Test Steps**:
  1. Navigate to the Admin page.
  2. Check the page title.
* **Expected Result**: The page title should be "OrangeHRM."
* **Actual Result**: Valid title OrangeHRM (Pass).

#### **TC\_05: Validate Invalid Admin Page Title**

* **Test Objective**: To verify that an invalid page title is correctly identified as such.
* **Preconditions**: The user is logged into the Admin page.
* **Test Steps**:
  1. Navigate to the Admin page.
  2. Check the page title against "DemoHRM."
* **Expected Result**: The page title should not be "DemoHRM."
* **Actual Result**: Invalid title (Pass).

#### **TC\_06: Validate Admin Options Visibility**

* **Test Objective**: To ensure that all expected options are visible in the Admin module.
* **Preconditions**: The user is logged into the Admin page.
* **Test Steps**:
  1. Navigate to the Admin page.
  2. Verify the visibility of the following options:
     + User Management
     + Job
     + Organization
     + Qualifications
     + Nationalities
     + Corporate Banking
     + Configuration
* **Expected Result**: All specified elements should be visible.
* **Actual Result**: Elements are visible (Pass).

#### **TC\_07: Validate Leave Option in Admin**

* **Test Objective**: To test the visibility of the Leave option in the Admin module.
* **Preconditions**: The user is logged into the Admin page.
* **Test Steps**:
  1. Navigate to the Admin page.
  2. Check for the visibility of the Leave option.
* **Expected Result**: An error message should be displayed indicating the Leave option is not visible.
* **Actual Result**: Error (Pass).

#### **TC\_08: Validate Admin Main Menu Options**

* **Test Objective**: To verify that all main menu options are visible in the Admin module.
* **Preconditions**: The user is logged into the Admin page.
* **Test Steps**:
  1. Navigate to the Admin page.
  2. Verify the visibility of the following main menu options:
     + Admin
     + PIM
     + Leave
     + Time
     + Recruitment
     + My Info
     + Performance
     + Dashboard
     + Directory
     + Maintenance
     + Buzz
* **Expected Result**: All specified elements should be visible.
* **Actual Result**: Elements are visible (Pass).

#### **TC\_09: Validate Nonexistent Option in Admin Menu**

* **Test Objective**: To test the visibility of the Nonexistent Option in the Admin module.
* **Preconditions**: The user is logged into the Admin page.
* **Test Steps**:
  1. Navigate to the Admin page.
  2. Check for the visibility of the Nonexistent Option.
* **Expected Result**: Asserts the Nonexistent Option is not visible.
* **Actual Result**: Error (Pass).

### **Conclusion**

All test cases were executed successfully, confirming the functionality of the Forgot Password feature and various aspects of the Admin module in the OrangeHRM application. The results indicate that the system behaves as expected under the tested scenarios.