**Test Plan for OrangeHRM Login Page**

# 1. Test Plan Overview

This test plan outlines the testing approach for the login functionality of OrangeHRM Demo Application.

# 2. Scope

- Validate login functionality with valid and invalid credentials.
- Ensure UI elements are displayed correctly.
- Verify security and performance aspects of the login page.

# 3. Test Objectives

- Ensure users can log in successfully with valid credentials.
- Prevent access with incorrect credentials.
- Check UI elements such as username/password fields, login button, and error messages.
- Validate security measures like password masking and session handling.

# 4. Test Scenarios

### 4.1 Positive Test Cases

- Login with valid username and password.
- Verify successful redirection to the dashboard after login.

### 4.2 Negative Test Cases

- Login with incorrect username/password.
- Attempt login with empty username or password fields.
- Check system behavior after multiple failed login attempts.
- Verify password field masking.

# 5. Test Data

| Test Case | Username | Password | Expected Result |
|---|---|---|---|
| Valid Login | Admin | admin123 | Login successful |
| Invalid Login | Admin | wrongpass | Error message displayed |
| Empty Fields | (empty) | (empty) | Error message displayed |

# 6. Environment

- Browser: Chrome, Firefox, Edge

- OS: Windows, macOS
- URL: [OrangeHRM Demo](OrangeHRM Demo)

## 7. Assumptions & Constraints

- Internet connection required.
- Credentials provided are correct.
- Test execution on multiple browsers.

## 8. Conclusion

This test plan ensures that the OrangeHRM login page functions as expected, providing a seamless and secure login experience for users.