

Testing Requirement Document: Orange HRM Login Page

1. Introduction

The purpose of this document is to outline the testing requirements for the Orange HRM Login page. This document covers the positive and negative test scenarios to ensure the functionality, usability, and security of the login page.

2. Scope

The testing will focus on the login functionality of the Orange HRM web application. It includes verifying the behavior of the login page with valid and invalid inputs, ensuring the UI elements are displayed correctly, and testing for security vulnerabilities.

3. Requirements

3.1 Functional Requirements

1. **Login with Valid Credentials:**
 - Users should be able to login using valid username and password combinations.
2. **Remember Me Functionality:**
 - Users should have the option to remember their login credentials for future visits.
3. **UI Elements Display:**
 - All UI elements on the login page should be displayed correctly.
4. **Password Masking:**
 - Password entered should be masked for security purposes.
5. **Page Title Verification:**
 - The title of the login page should be "OrangeHRM".
6. **Error Handling:**
 - Proper error messages should be displayed for invalid username/password combinations and empty fields.
7. **Security:**
 - Special characters, HTML tags, and excessive length inputs should be handled securely.

3.2 Non-Functional Requirements

1. **Usability:**
 - The login page should be user-friendly and intuitive.
2. **Performance:**
 - Login should be efficient, with minimal loading times.
3. **Security:**
 - Passwords should be securely masked, and the system should handle inputs securely to prevent vulnerabilities like SQL injection.

4. Test Cases

Positive Test Cases

1. Verify login with valid credentials.
2. Check "Remember Me" functionality.
3. Verify login page UI.
4. Verify password masking.
5. Verify login page title.

Negative Test Cases

1. Verify login with invalid username.
2. Verify login with invalid password.
3. Verify login with empty fields.
4. Verify login with special characters.
5. Verify login with excessive length.
6. Verify login with HTML tags.
7. Verify login with spaces only.

5. Conclusion

This document provides a comprehensive overview of the testing requirements for the Orange HRM Login page. By executing the outlined test cases, we ensure the functionality, usability, and security of the login feature, thereby enhancing the overall quality of the application.