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| **Software Test Report of OrangeHRM** | | |
| **Tested By:** Tisa Bajracharya | **Date:** 4/29/2024 | **Test Environment:** Google Chrome |

**Software Overview:**

The **OrangeHRM** software was tested on the **Cypress** test platform, from the 4/23/2024 to the 4/29/2024.

With the help of **OrangeHRM** software, HR managers may automate a variety of daily tasks, including monitoring employee data and producing staff reports. They save five to six hours a day as a result, giving them more time for crucial projects that improve the company.

**Test Types:**

Manual Testing

Automated Testing

**Test Execution Details:**

* Total Test Suites: 6
* Total Test Cases: 30
* Test Cases Executed: 30
* Test Cases Passed: 28
* Test Cases Failed: 2

**Tested Modules:**

1. **Login Configuration Module**
2. Check if the user is able to login with null Username and Password: Pass
3. Check if the user is able to login with invalid data: Pass
4. Check if the user is able to login with valid username and invalid password: Pass
5. Check if the user is able to login with invalid username and valid password: Pass
6. Check if the user is able to login with valid username and valid password: Pass
7. **Forgot Password Module**
8. Check the "forgot password" button: Pass
9. Check if the user is able to change the password/ retrieve the old password with invalid data: Fail
10. Check if the user is able to change the password/ retrieve the old password: Pass
11. **Search Module:**
12. Check if user is able to search with invalid data: Pass
13. Check if the user is able to search with valid data: Pass
14. Check by entering a search term with leading spaces and Checking that the correct results are displayed: Pass
15. Check by entering a search term with trailing spaces and Checking that the correct results are displayed: Pass
16. **PIM Module**
17. Check if the user is able to click on the "add employee" button: Pass
18. Check if user is able to add employee with null data: Pass
19. Check if the user is able to add employee with valid data: Pass
20. Check if the user is able to add employee by removing the employee id: Pass
21. Check if the user is able to upload profile picture: Pass
22. Check if the user is able to add employee photo greater than 1mb: Pass
23. Check if the user is able to add employee with the same employee id: Pass
24. Check if the user is able to add employee with the Username: Pass
25. Check if the user is able to add employee with the same Username: Pass
26. Check if the user is able to add employee with different password in "confirm password" section: Pass
27. Check if the employee list is shown by filling null data: Pass
28. Check if the employee list is displayed with only searching the employee name: Pass
29. Check if the employee list is displayed with only searching the employee id: Pass
30. **Change Password Module:**
31. Check if the user is able to change password by entering null data: Pass
32. Check if the user is able to change password by entering incorrect current password: Pass
33. Check if the user is able to change password by reentering incorrect password: Pass
34. Check if the user is able to change password by entering valid new password: Pass
35. **Logout Module:**
36. Check if the user is able to logout: Fail

**Bug Report:**

Eight bugs were found in OrangeHRM during testing, the most of which were classified as functional issues. There was a range in the severity of these bugs; some were rated as high severity and others as low severity.

**Summary:**

The testing of OrangeHRM's login, PIM, logout, forgot password, search and change password modules has been successfully completed. Each module was evaluated to ensure functionality, reliability and security within the HR management system.

**Module Details:**

1. **Login Module:**

The login module provides secure access to the system with strong error handling for invalid inputs.

1. **PIM (Personnel Information Management) Module:**

The PIM module facilitates efficient management of employee data with features including record addition, update, deletion, search, and reporting.

1. **Logout Module:**

The logout module securely terminates user sessions, ensuring data security and privacy.

1. **Change Password Module:**

The change password module allows users to update their passwords as needed, enhancing system security.

1. **Search Module:**

The search module enables users to efficiently locate specific employee records or information within the system.

1. **Forgot Password Module:**

The forgot password module provides a secure mechanism for users to reset their passwords in case of forgotten credentials.

**Conclusion:**

The thorough testing of these modules demonstrates the OrangeHRM system's dependability and security. Users can have confidence in the system's capacity to manage personnel information efficiently while maintaining data security and privacy because it guarantees smooth functionality and strong error management.