Orange HRM

SOFTWARE TEST REPORT

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https://opensource-demo.orangehrmlive.com/

Software Test Report

Project Name: Orange HRM system Application
Version: 2.3.1
Date: October 10, 2024
Prepared by: Team 3
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1. Introduction

This report provides an overview of the testing activities conducted for the Online Orange HRM system Application 2.3.1. The purpose of this report is to summarize the testing outcomes, highlight any defects found, and provide recommendations for further action.

2. Test Summary

- **Test Start Date:** September 20,2024
- **Test End Date:** October20,2024
- **Total Test Cases:** 52
- **Test Cases Executed:** 52
- **Pass Rate:** 67.3% [35 TC]
- **Fail Rate:** 36.5% [19 Bugs]
- **Blocked Test Cases:** --

3. Test Objectives

The objectives of the testing were to ensure that:

- The software meets the specified requirements for the system.
- The software is free of critical defects that could impact user experience.
- The software performs as expected under normal and peak load conditions.

4. Test Environment

- **Hardware:** Lenovo i7, Huawei Matebook D14
- **Software:** Chrome , intelij , GitHub , Microsoft edge , jira

5. Test Cases

Test Case ID	Description	Status	Remarks
TC001	Recruitment -Validate Functionality of reset button in Vacancies page	Pass	https://depiswtesting.atlassian.net/browse/DEPI-253
TC002	Recruitment- Check if we can navigate to Vacancies page successfully by clicking on Vacancies tab.	Pass	https://depiswtesting.atlassian.net/browse/DEPI-250
TC003	Recruitment - candidates can be viewed	Pass	https://depiswtesting.atlassian.net/browse/DEPI-241
TC004	Recruitment- checking candidates tab is clickable and redirects the user to its page	Pass	https://depiswtesting.atlassian.net/browse/DEPI-239
TC005	Recruitment - Search between candidates by job title	Pass	https://depiswtesting.atlassian.net/browse/DEPI-240
TC006	Recruitment- Search for candidate by Keyword	Fail	https://depiswtesting.atlassian.net/browse/DEPI-243
TC007	Recruitment-Add a new candidate	Pass	https://depiswtesting.atlassian.net/browse/DEPI-248
TC008	Recruitment - Edit candidate profile	Pass	https://depiswtesting.atlassian.net/browse/DEPI-249
TC009	Recruitment - Search between Vacancies by job title	Pass	https://depiswtesting.atlassian.net/browse/DEPI-252

TC010	Recruitment - Check if we can edit job vacancy successfully	Pass	https://depiswtesting.atlassian.net/browse/DEPI-255
TC011	Attendance page - Check if the Attendance module is accessible from the side navigation panel	Fail	https://depiswtesting.atlassian.net/browse/DEPI-270
TC012	Attendance page - Test if the user can search for the Attendance module in the side navigation panel	Fail	https://depiswtesting.atlassian.net/browse/DEPI-273
TC013	Attendance page - Check if the admin can access a specific employee report	Pass	https://depiswtesting.atlassian.net/browse/DEPI-274
TC014	Attendance page - Check if the Admin can extract a specific employee report to a CSV file	Fail	https://depiswtesting.atlassian.net/browse/DEPI-275
TC015	Side Navigation Panel - Test if the side navigation panel is consistently displayed throughout the website interface	Pass	https://depiswtesting.atlassian.net/browse/DEPI-147
TC016	Leave Page - Check components of Entitlements menu	Fail	https://depiswtesting.atlassian.net/browse/DEPI-214
TC017	Leave Page - Check components of Configure menu	Fail	https://depiswtesting.atlassian.net/browse/DEPI-222
TC018	Leave Page - Check menu(s) placed in upper part of Leave Page	Fail	https://depiswtesting.atlassian.net/browse/DEPI-234
TC019	Admin - Use Search engine in System Users section to find user account	Fail	https://depiswtesting.atlassian.net/browse/DEPI-142
TC020	Logout page - Test if upon successful logout, the system will redirect the user back to the login page.	Pass	https://depiswtesting.atlassian.net/browse/DEPI-138
TC021	Recruitment Module-Verify Job Posting Creation and Publishing	Pass	https://depiswtesting.atlassian.net/browse/DEPI-161

TC022	Recruitment Modue -Verify Candidate Management and Interview Process	Pass	https://depiswtesting.atlassian.net/browse/DEPI-162
TC023	Recruitment Module -Verify Job Application Collection	Pass	https://depiswtesting.atlassian.net/browse/DEPI-170
TC024	Recruitment Module - Verify Sending Offer Letter	Pass	https://depiswtesting.atlassian.net/browse/DEPI-173
TC025	Side Navigation Panel - Verify Consistent Display of Side Navigation Panel	Pass	https://depiswtesting.atlassian.net/browse/DEPI-134
TC026	Leave Page-- Navigate to Leave Page successfully through side navigation panel.	Pass	https://depiswtesting.atlassian.net/browse/DEPI-209
TC027	Admin--Check Admin button will navigate user to Admin page	Pass	https://depiswtesting.atlassian.net/browse/DEPI-129
TC028	Leave Page - Submit a Leave Request	Fail	https://depiswtesting.atlassian.net/browse/DEPI-188
TC029	Leave Page - View Leave Balances in the Leave Calendar	Pass	https://depiswtesting.atlassian.net/browse/DEPI-189
TC030	Leave Page - Approve or Reject Leave Request by Supervisor	Pass	https://depiswtesting.atlassian.net/browse/DEPI-190
TC031	Side Navigation Panel - Test if each menu item is clearly labeled	Fail	https://depiswtesting.atlassian.net/browse/DEPI-148
TC032	Side Navigation Panel - Test if clicking on the "Admin" menu item will redirect the user to the Admin page	Pass	https://depiswtesting.atlassian.net/browse/DEPI-150
TC033	Side Navigation Panel - Test if clicking on the "PIM" menu item will redirect the user to the PIM page	Pass	https://depiswtesting.atlassian.net/browse/DEPI-151

TC034	Side Navigation Panel - Test if clicking on the "Leave" menu item will redirect the user to the Leave page	Pass	https://depiswtesting.atlassian.net/browse/DEPI-152
TC035	Login Page - Test that the Login page should be accessible from the website homepage	Fail	https://depiswtesting.atlassian.net/browse/DEPI-81
TC036	Login Page - Test that username and password fields are clearly labeled and easy to identify	Pass	https://depiswtesting.atlassian.net/browse/DEPI-82
TC037	Login Page - Test that Username and password must be entered correctly to gain access.	Pass	https://depiswtesting.atlassian.net/browse/DEPI-83
TC038	Login Page - Test that if the user entered wrong Username and password he will not be able to login	Pass	https://depiswtesting.atlassian.net/browse/DEPI-84
TC039	Login Page - Test if the system will display an error message with specific details for invalid login attempts	Fail	https://depiswtesting.atlassian.net/browse/DEPI-85
TC040	Login Page - Test if the system will display an error message with specific details for invalid login attempts	Fail	https://depiswtesting.atlassian.net/browse/DEPI-86
TC041	Login Page - Check the redirection of the user to the appropriate dashboard based on their role upon successful login	Pass	https://depiswtesting.atlassian.net/browse/DEPI-87
TC042	Dashboard Page - Test if the dashboard is accessible after successful login	Pass	https://depiswtesting.atlassian.net/browse/DEPI-93
TC043		Pass	https://depiswtesting.atlassian.net/browse/DEPI-94

	Dashboard Page - Check if the dashboard content is relevant to the user's specific role		
TC044	Dashboard Page - Check if the dashboard includes customizable options so user can manage his view	Pass	https://depiswtesting.atlassian.net/browse/DEPI-95
TC045	Dashboard Page - Test if the user can access the key functionalities and data relevant to the user's role	Pass	https://depiswtesting.atlassian.net/browse/DEPI-97
TC046	Admin - Verify adding user account.	Pass	https://depiswtesting.atlassian.net/browse/DEPI-116
TC047	Admin - Verify editing user account.	Pass	https://depiswtesting.atlassian.net/browse/DEPI-117
TC048	Admin - Verify deleting user account.	Pass	https://depiswtesting.atlassian.net/browse/DEPI-118
TC049	Admin - Verify components of User Management menu	Fail	https://depiswtesting.atlassian.net/browse/DEPI-120
TC050	Admin - Verify components of Job menu	Fail	https://depiswtesting.atlassian.net/browse/DEPI-122
TC051	Logout page - Test if there is a logout button or option which is clearly visible and accessible throughout the system	Fail	https://depiswtesting.atlassian.net/browse/DEPI-132
TC052	Side Navigation Panel | Test if "My Info" menu item is clearly labeled and that it provides a visual indication of its current location within the system hierarchy	Fail	https://depiswtesting.atlassian.net/browse/DEPI-153

6. Defects

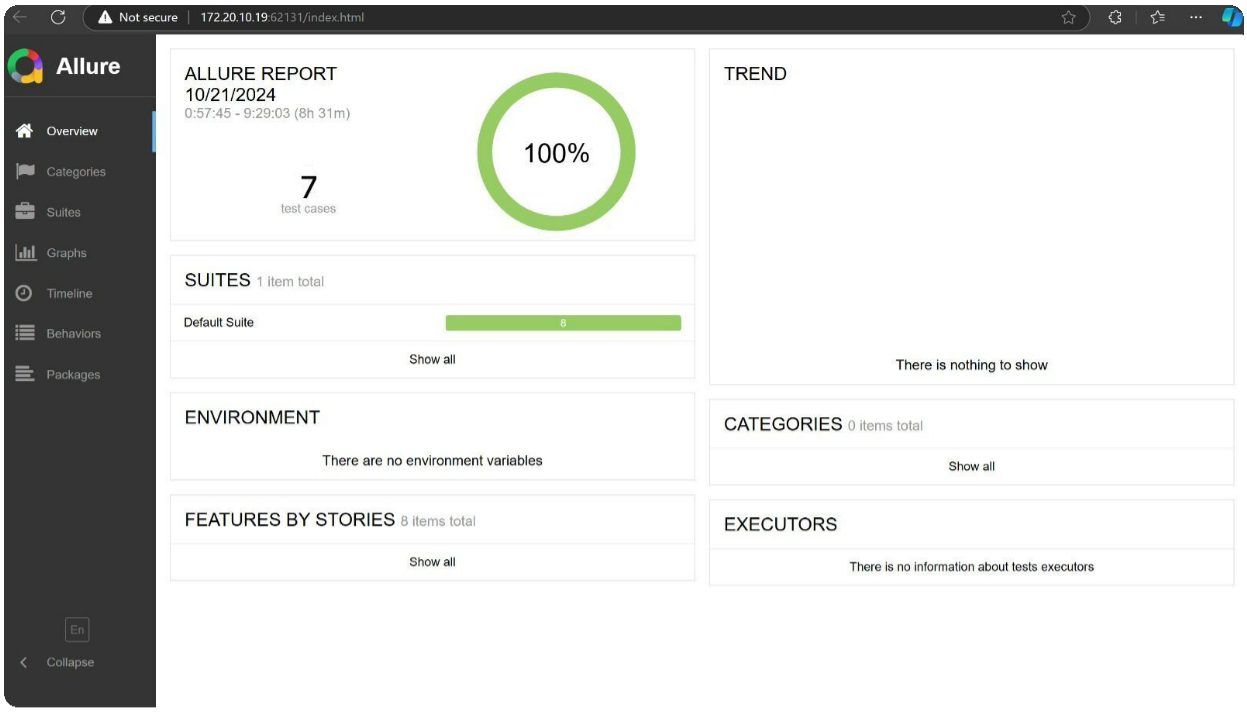
Defect ID	Description	Severity	Status	Assigned To
DEF001	Recruitment - Search for candidate by Keyword	Medium	To Do	Eman Mostafa
DEF002	Admin - Can't find needed account	High	To Do	Eman Mostafa
DEF003	Admin -Salary Components option doesn't appear in Job menu.	High	To Do	Eman Mostafa
DEF004	Admin -Users Roles option doesn't appear in User Management menu.	High	To Do	Eman Mostafa
DEF005	Logout page - There is no logout button or option clearly visible so the user can logout through it	Low	To Do	Eman Mostafa
DEF006	Login Page - system is not displaying an error message with specific details for invalid login attempts	Low	To Do	Eman Mostafa
DEF007	Login Page - system is not displaying an error message with specific details for invalid login attempts	Low	To Do	Eman Mostafa
DEF008	Login Page - Login page is not accessible from the website homepage	High	To Do	Eman Mostafa
DEF009	Side Navigation Panel - Some menu items are not clearly labeled and confusing to the user	High	To Do	Eman Mostafa
DEF010	Leave Type Dropdown Not Available in Leave Application	High	To Do	Eman Mostafa
DEF011	Leave Page - Missing menu(s) in upper part of Leave Page	Medium	To Do	Eman Mostafa

DEF012	Leave Page - Missing option(s) in Configure menu	Medium	To Do	Eman Mostafa
DEF013	Leave Page - Entitlement List option should be placed in Entitlements menu	Medium	To Do	Eman Mostafa
DEF014	Attendance page - The Admin cannot extract a specific employee report to a CSV file	Low	To Do	Eman Mostafa
DEF015	Attendance page - Attendance module is not appearing when the user search for attendance in the side navigation panel	Medium	To Do	Eman Mostafa
DEF016	Attendance page - Attendance module is not accessible from the side navigation panel	High	To Do	Eman Mostafa
DEF017	Recruitment Module -Missing Send Offer Letter Option in Candidates Page	Medium	To Do	Eman Mostafa
DEF018	Admin Page- Corporate Branding (unrequired) menu is an extra menu	Medium	To Do	Eman Mostafa
DEF019	Leave Page-- Additional Option (Employee Entitlements) in Entitlements menu	Medium	To Do	Eman Mostafa

7. Test Automation

Test automation using software tools and scripts to automatically execute tests on a software application was applied. Automation allows us to set up scripts that can perform predefined actions, check expected outcomes, and report the results. This helps improve efficiency, consistency, and accuracy in the testing process, especially for repetitive or complex tasks.

Common tools for test automation include Selenium, TestNG, and Allure for reporting. Below is an image of the index.html file that shows our allure report



8. Conclusion

The testing of the orange HR system Application version 2.3.1 has identified several critical and major defects that must be addressed prior to deployment. Specifically, issues related to user authentication and session management have shown significant concerns, with 61 test cases executed, resulting in 19 failures and 45 passes. It is recommended that a follow-up testing cycle be conducted after these defects are resolved to ensure the software is fully prepared for production.

9. Recommendations

- Prioritize Defect Fixes: Focus on fixing the critical and major defects identified during testing.
- Conduct Retesting: After addressing the identified defects, conduct a thorough retest of the affected areas to verify that issues have been resolved and that no new defects have been introduced.

- Implement Exploratory Testing: Consider conducting additional exploratory testing to uncover any potential issues that may not have been identified in the predefined test cases, enhancing overall system robustness.
- Enhance User Authentication: Strengthen user authentication mechanisms to improve security, ensuring that only authorized personnel can access sensitive information.
- User Acceptance Testing (UAT): Involve end-users in UAT to validate that the system meets their needs and to gather feedback on usability and functionality.