

AI Test Results from testers.ai



The 'Orange HRM' app presents a mixed bag of quality. The home page, which is often the first impression, suffers from numerous accessibility issues like missing labels for input fields, missing alt text for the logo, and lack of ARIA attributes for social media links. These detract from the user experience, especially for users with disabilities. Furthermore, the presence of default credentials and outdated resources introduce security and performance risks respectively. Addressing these flaws is vital.

Best Aspects

Hard to say without using the core application, but the fact that the app is still live suggests it has some level of core functionality that users rely on.

Areas for Improvement

The combination of accessibility issues, default credentials, and outdated resources paints a concerning picture of the app's quality, especially the lack of security and focus on accessibility.

Quality Summary

HOME

1.39 seconds



<https://open-source-demo.orangehrmlive.com/web/index.php/auth/login>

Detailed Analysis

The 'Orange HRM' application, specifically focusing on the home page, reveals a pattern of quality concerns. Accessibility stands out as a major area needing attention. Multiple bugs related to missing labels, alt text, and ARIA attributes demonstrate a lack of focus on inclusive design. From a security perspective, the default credentials issue is particularly alarming. Leaving such defaults in place creates an easy target for malicious actors. Performance is also potentially impacted by the presence of outdated resources. While the application may offer core functionality, these quality issues are significant.

Key Suggestions

- Conduct a thorough accessibility audit of the entire application to identify and fix all WCAG violations.
- Implement a robust security review process to identify and address potential vulnerabilities, including OWASP Top Ten.
- Establish a process for regularly updating dependencies (CSS, JavaScript libraries) to ensure optimal performance and security.
- Implement automated accessibility testing as part of the CI/CD pipeline to prevent regressions.
- Make sure to include a proper automated test plan as well as performance and penetration testing.

Priority Improvements

1. Remove default username and password from the login page to eliminate a critical security vulnerability.
2. Implement proper labels for all input fields (username and password) using HTML's 'labels' element, ensuring they are correctly associated with their respective input fields to improve accessibility.
3. Add 'alt' text to the logo image to provide a text alternative for screen readers, improving accessibility for visually impaired users.
4. Update CSS and JavaScript resource versions to the latest stable releases and implement caching mechanisms to improve page load performance.
5. Add 'aria-label' or 'title' attributes to social media links in the footer for screen reader users to understand the purpose of each link.

Issues Found by AI Testers



HOME



Aisha

Tester for Missing Aspects

Default username and password displayed on login page

Priority: 10/10 Confidence: 10/10

Security Usability

Why is this a bug?

The username 'Admin' and password 'admin123' are displayed on the login page. This is a major security vulnerability as it allows unauthorized access to the system. It is also a usability issue as it might encourage users to use the default credentials, further increasing the risk.

Suggested Fix

Remove the display of default credentials (username and password) from the login page. These should never be displayed in plain text.

Why Fix This?

Adds a critical security vulnerability and improves the overall security posture of the application.

Route To

Backend Engineer

Relevant Network Call

None



Sharon

API and Networking Tester

Potentially outdated CSS and JavaScript resource versions.

Priority: 5/10 Confidence: 7/10

Performance Caching General

Why is this a bug?

The 'v' parameter in the CSS and JavaScript file URLs (e.g., 'chunk-vendors.css?v=1721393199309') appears to be a versioning mechanism. The timestamp '1721393199309' corresponds to around Mon, 19 Jul 2021. Given that the current year is 2025, it is very likely that the versioning is not being automatically updated, causing clients to possibly cache these assets and therefore not getting the latest versions of the CSS or JS. The site was probably last built in 2021. This affects page load times and user experience, impacting areas like functionality and security.

Suggested Fix

Implement an automated versioning system (e.g., using build scripts or a CMS) that automatically updates the 'v' parameter in the resource URLs whenever the CSS or JavaScript files are modified. This ensures that users always receive the latest versions of these resources after deployment.

Why Fix This?

Ensuring that users receive the latest versions of CSS and JavaScript files is crucial for bug fixes, performance improvements, and security updates. Serving outdated resources can lead to a degraded user experience, compatibility issues, and potential security vulnerabilities.

Route To

Frontend Engineer / DevOps Engineer

Relevant Network Call

<https://open-source-demo.orangehrmlive.com/web/dist/css/chunk-vendors.css?v=1721393199309>, <https://open-source-demo.orangehrmlive.com/web/dist/css/app.css?v=1721393199309>, <https://open-source-demo.orangehrmlive.com/web/dist/js/chunk-vendors.js?v=1721393199309>, <https://open-source-demo.orangehrmlive.com/web/dist/js/app.js?v=1721393199309>



Adeela

Mobile Responsive Tester

Logo Overlap

Priority: 7/10 Confidence: 8/10

general Element Overlap

Why is this a bug?

In the mobile view, the circular logo on the right side of the screen overlaps the login form content (the text 'Username: Admin' and 'Password: admin123'). This obscures important information and makes the page less usable.

Suggested Fix

Adjust the positioning of the circular logo in the mobile view to prevent it from overlapping with the login form content. Alternatively, the logo could be hidden on smaller screens or its size significantly reduced.

Why Fix This?

The overlapping logo obstructs key form information and degrades the user experience. Users cannot clearly view what to enter in the form.

Route To

Front-end Engineer

AI Generated Functional Test Results

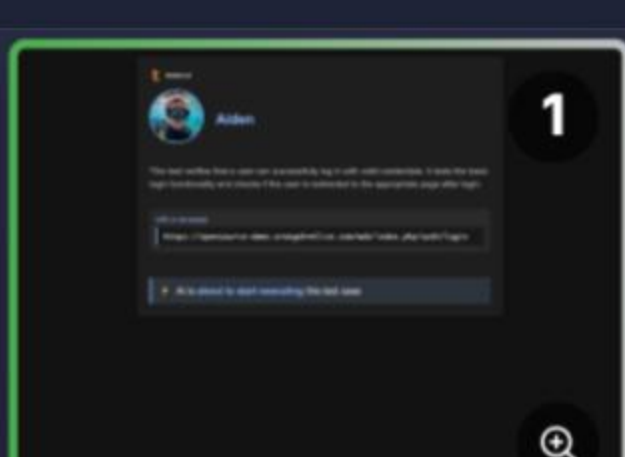
Start Page: HOME



Aiden
Demo_Tests

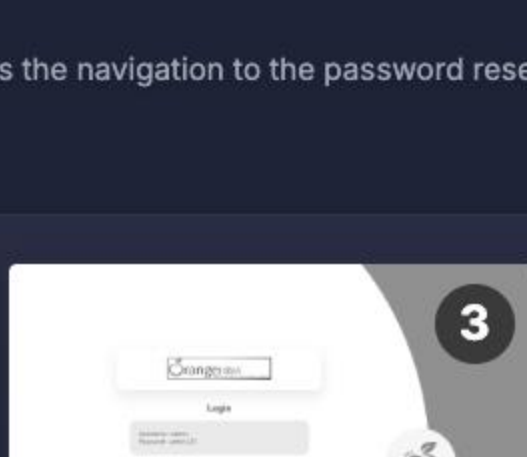
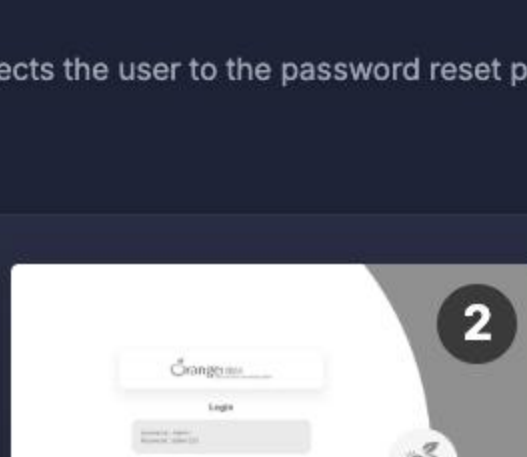
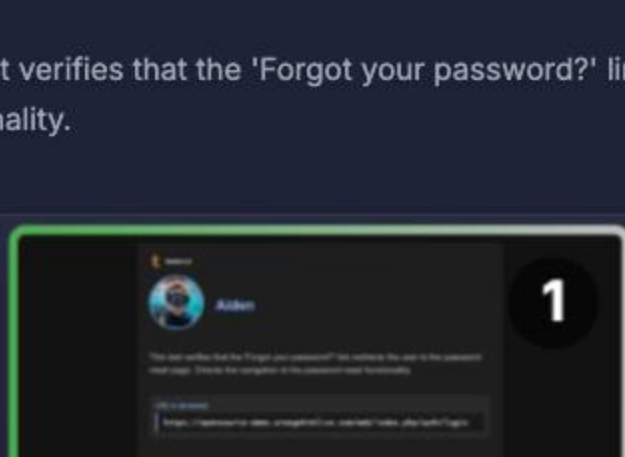
✓ Login with valid username and password

This test verifies that a user can successfully log in with valid credentials. It tests the basic login functionality and checks if the user is redirected to the appropriate page after login.



Click 'Forgot your password?' link

This test verifies that the 'Forgot your password?' link redirects the user to the password reset page. Checks the navigation to the password reset functionality.



User Persona Feedback Summary



HOME



The webpage's purpose is to provide a login portal for the OrangeHRM open-source HR management system.

Overall Score

★★★★★

The login page is functional but could benefit from design updates, improved accessibility, and stronger security messaging.

Visual Design

★★★★★

The visual design looks a little old. It could use a modern update to feel more current.

Usability

★★★★★

The login process is straightforward and easy to understand. Clear labels and prompts make it simple for users to enter their credentials.

Content Quality

★★★★★

The content is minimal but includes the necessary elements such as username and password fields, a login button, and a 'Forgot your password?' link.

Individual User Persona Feedback



Rajesh Patel, 35

Persona: Rajesh is an IT manager at a mid-sized company. He's responsible for overseeing the implementation and maintenance of various software systems, including HR management tools.

Overall Rating

★★★★★

As an IT manager, security is my main concern. I would want to ensure my employees data is safe.

Actions Performed

- Enter username and password
- Click login button

Suggestions

- Implement two-factor authentication.
- Add security information to reassure users.
- Consider a design update to improve the overall experience.



Aisha Johnson, 28

Persona: Aisha is a marketing specialist at a startup. She's tech-savvy and appreciates well-designed, user-friendly interfaces.

Overall Rating

★★★★★

As a marketing specialist, I value aesthetics. I wish this login page was more modern and visually appealing.

Actions Performed

- Enter username and password
- Click login button

Suggestions

- Update the visual design to reflect a modern aesthetic.
- Add engaging visuals to make the page more appealing.
- Consider adding modern features like social login.

Print Report