

Test Demo Website OrangeHRM

Link: <https://opensource-demo.orangehrmlive.com>

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Test Plan:

Introduction:

- **Objective:** The objective of manual testing for the OrangeHRM website is to verify the application's functionality, usability, performance, and security.

Testing Approach:

Types of Testing:

- Functional Testing
- Usability Testing
- Performance Testing
- Security Testing
- Compatibility Testing

Resources:

Tools:

- Browser developer tools for inspecting elements
- JMETER
- Word for documenting test cases

Test Environment:

- **Browsers:** Chrome
- **Operating Systems:** Windows 10

1. Functional Testing:

- ✓ Login Module
- ✓ Employee Information

Test Case ID	Description	Steps	Expected Result	Actual Result	Status
TC001	Verify successful login with valid credentials	1. Navigate to the login page 2. Enter valid username and password 3. Click on the "Login" button	User should be successfully logged in and redirected to the dashboard.	User successfully logged in and redirected to the dashboard.	Pass
TC002	Verify error message for invalid credentials	1. Navigate to the login page 2. Enter invalid username and password 3. Click on the "Login" button	Error message "Invalid credentials" should be displayed.	Error message displayed successfully.	Pass
TC003	Verify adding a new employee	1. Navigate to Employee Management 2. Click "Add Employee" 3. Enter valid employee details 4. Click "Save"	New employee should be added and displayed in the employee list.	New employee has been added and is displayed in the employee list.	Pass

TC004	Verify editing an existing employee's information	1.Navigate to Employee Management 2.Select an employee 3.Click "Edit" 4.Update employee details 5.Click "Save"	Employee information should be updated and reflect changes.	Employee information updated successfully.	Pass
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2. Usability Testing:

✓ Navigation

Test Case ID	Description	Steps	Expected Result	Actual Result	Status
TC005	Verify navigation to different modules from the dashboard	1.Log in to the application 2. Click on different module links (Employee Management, Leave Management, etc.)	User should be able to navigate to each module without errors.	User is able to navigate each module without errors.	Pass
TC006	Verify the clarity of user interface elements	1.Log in to the application 2.Inspect labels, buttons, and fields on various pages	UI elements should be clear and user-friendly.	UI elements clear and user-friendly.	Pass

3. Performance Testing:

✓ Page Load Time

Test Case ID	Description	Steps	Expected Result	Actual Result	Status
TC007	Verify page load time for the dashboard	1.Log in to the application 2.Measure the time taken for the dashboard to load	Page should load within an acceptable time frame (e.g., under 3 seconds).	Page loads within an acceptable time frame	Pass
TC008	Verify system performance with concurrent users	1.Simulate multiple users logging in and performing actions simultaneously 2.Measure the application's response time and stability	Application should remain responsive and stable under load.	Application remains responsive and stable under load.	Pass

4. Security Testing:

✓ Authentication

Test Case ID	Description	Steps	Expected Result	Actual Result	Status
TC009	Verify password strength requirements	1.Navigate to the password creation or change page 2.Attempt to set a password that does not meet the requirements	Password should not be accepted, and a relevant error message should be displayed.	Password not accepted, and error message displayed.	Pass

TC010	Verify access control for different user roles	1.Log in with different user roles (e.g., admin, employee) 2.Attempt to access restricted areas	Users should only access areas permitted for their role.	Users only access areas permitted for their role.	Pass
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5. Compatibility Testing:

✓ Browser Compatibility

Test Case ID	Description	Steps	Expected Result	Actual Result	Status
TC011	Verify website functionality across different browsers	1.Open the website in Chrome, Firefox, and Edge 2.Perform basic operations like login, navigating to modules	Website should function correctly in all tested browsers.	Website functions correctly in all tested browsers.	Pass
TC012	Verify website responsiveness on various devices	1.Open the website on different devices (desktop, tablet, mobile) 2.Check layout and functionality	Website should be responsive and properly display on all devices.	Website is responsive and displays properly on all devices.	Pass

Final Test Report:

Test Results:	
Passed Test Cases	12
Failed Test Cases	0
Total Test Cases	12