**Test cases - Orange HRM**

Here are the 10 most important tests for the system:

1. [TC001](#_78k5e7br58ex) - Valid Login Credentials Authentication Test P
2. [TC002](#_i4njfrucytzu) - Invalid Login Credentials Authentication Test N
3. [TC004](#_wk1e00kilffb) - Regular User Admin Fields Access Test N.
4. [TC015](#_rj7eyt62193b) - Logout functionality and re-login requirement test P.
5. [TC003](#_vw38zbvi5y6q) - Add Employee With All Mandatory Fields Test P.
6. [TC011](#_in9429u9nevb) - Add Employee with Duplicate Employee ID Test N.
7. [TC008](#_e9ipg32580bq) - Edit and delete existing users by admin P.
8. [TC012](#_n5s3k6kic8ue) - Employee Employment Dates Validation Test N.
9. [TC007](#_vkl9b9vn5mzx) - Update Existing Employee Details Test P.
10. [TC014](#_7ssqfbavcedy) - Admin dashboard fields display test P.

**Note**: If the status is marked as **Passed** in green, it indicates that the automation test was successful.

Test Case ID: TC001

**Author/Tester:** Refael peretz

## Description: Valid Login Credentials Authentication Test P.

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:**

A user with a valid username and password exists in the OrangeHRM system.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the login page of the system. | URL:<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login> | The login page is displayed correctly. |
| Enter valid username and password and click on "Login". | Username: Admin  Password: admin123 | The user successfully logs in and is redirected to the system's homepage. |

**Environment:**

Browser: Chrome

OS: Windows 11

**Attachments:**

**Comments:**

Test Case ID: TC002

**Author/Tester:** Refael peretz

## Description: Invalid Login Credentials Authentication Test N .

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** A user attempts to log in with an invalid username or password

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the login page of the system. | URL:<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login> | The login page is displayed correctly. |
| Enter invalid username or password and click on "Login". | Username: invalidUser  Password: invalidPass | An error message is displayed, and the user cannot log in. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**: None

Test Case ID: TC003

**Author/Tester:** Refael peretz

## Description: Add Employee With All Mandatory Fields Test P .

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** The user is logged in to the system as admin.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the "Add Employee" page. | N/A | The "Add Employee" page is displayed correctly. |
| Fill in all mandatory fields (First Name, Last Name, Employee ID) and click "Save". | First Name: John  Last Name: Doe  Employee ID: 123456 | The new employee is created successfully and appears in the employee list. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:

Test Case ID: TC004

**Author/Tester:** Refael peretz

## Description: Regular User Admin Fields Access Test N.

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:**

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the system login page. | URL:<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login> | The login page is displayed correctly. |
| Log in with regular user credentials. | Username: regularUser  Password: pass123456 | The user is logged in and redirected to their dashboard. |
| Attempt to access the "Admin" module or view admin-specific fields. | N/A | Access is denied, and the user does not see any admin-specific fields or functionalities. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:  
Ensure that no sensitive data from admin functionalities is exposed to regular users.

Test Case ID: TC005

**Author/Tester:** Refael peretz

## Description: Add Employee Without Password Validation Test N.

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** The user is logged in to the system as admin.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the "Add Employee" page. | N/A | The "Add Employee" page is displayed correctly. |
| Fill in all mandatory fields except the password and click "Save". | First Name: Joni  Last Name: Din  Username: TestUser  Password: (leave blank) | The system displays an error message indicating that the password field is required, and the employee is not added. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:  
Ensure that the system does not allow the form to be submitted without all required fields filled.

Test Case ID: TC006

**Author/Tester:** Refael peretz

## Description: Submit Leave Request by Employee Test P.

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** The user is logged in to the system with employee permissions and has access to the "Leave" module.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the "Leave" module. | N/A | The "Leave" module page is displayed correctly. |
| Click on "Apply" to open the leave request form. | N/A | The leave request form is displayed. |
| Fill in all required fields and submit the request. | Leave Type: Annual Leave  From Date: 2025-01-10  To Date: 2025-01-15  Reason: Vacation | The leave request is successfully submitted, and a confirmation message is displayed. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:  
Verify the request appears in the leave history or pending approval list.

Test Case ID: TC007

**Author/Tester:** Refael peretz

## Description: Update Existing Employee Details Test P.

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** The user is logged in to the system with permissions to update employee details And there is at least one employee in the system records..

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the "Employee List" page in the PIM module . | N/A | The "Employee List" page is displayed correctly. |
| Search for the employee to be updated using their name or ID. | Employee Name: John Doe  Employee ID: 123456 | The employee's record is displayed. |
| Edit the employee's details (like address or job title) and click "Save". | Address: 123 New Street  Job Title: Manager | The updated employee details are saved, and a confirmation message is displayed. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:  
Verify that the updated details are reflected in the employee's profile.  
Ensure no other fields are unintentionally modified during the update process.

Test Case ID: TC008

**Author/Tester:** Refael peretz

## Description: Edit and delete existing users by admin P

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:**

User must be logged in as an Admin,

Username: Admin

Password: admin123

User is on the User Management page with at least one user available for actions.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Navigate to the Admin > User Management page. | Username: Admin  Password: admin123 | The User Management page is displayed with a list of users. |
| Click the Edit button (pencil icon) for the user "FMLName". | User: FMLName | The input form for editing user details appears. |
| Update the Employee Name field to "Kobi" and click Save. | New Employee Name: Kobi | The changes are saved successfully, and the updated details are displayed in the user list. |
| Click the Delete button (trash bin icon) for the user "FMLName1". | User: FMLName1 | A confirmation dialog appears. |
| Confirm the deletion. | N/A | The selected user "FMLName1" is removed from the user list, and a success message is displayed. |

**Environment:**

Browser: Chrome

OS: Windows 11

**Attachments:**

**Comments:**

Ensure that the edit form pre-populates existing details of the selected user.

Test Case ID: TC009

**Author/Tester:** Refael peretz

## Description: Create New Vacancy and Display in Vacancy List Test P.

**Severity**: Medium

**Priority:** Medium

**Status:** Passed/Failed

**Preconditions:**

User must be logged in as an Admin

Username: Admin

Password: admin123

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Navigate to the Recruitment > Vacancies page. | Username: Admin  Password: admin123 | The Vacancies page is displayed. |
| Click the Add button to create a new vacancy. | N/A | The input form for creating a new vacancy appears. |
| Fill in the Job Title field. | Job Title: Software Engineer | The "Job Title" field is is filled in with 'Software Engineer' |
| Fill in the Vacancy Name field. | Vacancy Name: Junior Software Engineer | The "Vacancy Name" field is filled with input that was entered. |
| Fill in the Hiring Manager field. | Hiring Manager: John Smith | The "Hiring Manager" field is with ‘John Smith' |
| Fill in the Number of Positions field. | Number of Positions: 3 | The "Number of Positions" field is 3. |
| Fill in the Description field. | Description: Junior software engineer role focused on backend development and database management. | The "Description" field is filled. |
| Set the vacancy to Active Status. | Active Status: Active | The vacancy is set to active. |
| Fill in the Web Page field. | Web Page: https://opensource-demo.orangehrmlive.com/web/index.php/recruitmentApply/jobs.html | The "Web Page" field is filled. |
| Click the Save button. | N/A | The system saves the vacancy, and it appears in the vacancy list. |

**Environment:**

Browser: Chrome

OS: Windows 11

**Attachments:**

**Comments:** Confirm that the system properly links the vacancy to the designated hiring manager.

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Test Case ID: TC010

**Author/Tester:** Refael peretz

## Description: Add Emergency Contact Details for Employee Test P.

**Severity**: High

**Priority:** Medium

**Status:** Passed/Failed

**Preconditions:**

User must be logged in to Orange HRM,

User is on the ‘My Info’ page

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Navigate to the Emergency Contacts section. | N/A | The Emergency Contacts page is displayed. |
| Click the Add button. | N/A | The input form for adding a new emergency contact appears. |
| Enter valid details:  - Name: Dani Din  - Relationship: Brother  - Mobile: 123456789 | Name: Dani Din  Relationship: Brother  Mobile: 123456789 | The entered details are visible in the input fields. |
| Click Save. | N/A | (A message with a green background pops up saying the contact was saved successfully)  The contact details are saved and appear in the emergency contacts table. |

**Environment:**

Browser: Chrome

OS: Windows 11

**Attachments:**

**Comments:**

Test Case ID: TC011

**Author/Tester:** Refael peretz

## Description: Add Employee with Duplicate Employee ID Test N..

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:**

User must be logged in as an Admin

Username: Admin

Password: admin123

At least one employee exists in the system with the Employee ID: 0390.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Navigate to the PIM > Add Employee page. | Username: Admin  Password: admin123 | The Add Employee page is displayed. |
| Enter the Full Name for the new employee. | Full Name: Jenifer Anniston | The Full Name is entered in the respective fields. |
| Enter the existing Employee ID. | Employee ID: 0390 | The Employee ID is entered. |
| Click the Save button. | N/A | The system displays an error message in red: "Employee ID already exists." |

**Environment:**

Browser: Chrome

OS: Windows 11

**Attachments:**

**Comments:**

Ensure the form does not reset or lose data entered in other fields when the error is displayed.

Test Case ID: TC012

**Author/Tester:** Refael peretz

## Description: Employee Employment Dates Validation Test N.

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** The user is logged in to the OrangeHRM system with permissions to add or update employee details.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the "Add Employee" or "Edit Employee" page. | N/A | The relevant employee form is displayed correctly. |
| Enter a start date that is later than the end date. | Start Date: 2025-02-01  End Date: 2025-01-31 | The system displays an error message indicating that the start date cannot be after the end date, and the form cannot be submitted. |
| Correct the dates and submit the form. | Start Date: 2025-01-01  End Date: 2025-12-31 | The employee details are saved successfully without errors. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:  
Ensure that the system enforces logical validation for employment dates.  
Verify that the error message is clear and user-friendly.

Test Case ID: TC013

**Author/Tester:** Refael peretz

## Description: Search employee by exact full name and validate unique precise result test P. Severity: Medium

**Severity**: Medium

**Priority:** Medium

**Status:** Passed/Failed

**Preconditions:** At least one employee with the exact full name exists in the system, and the user is logged in with permissions to search for employees.

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the "Employee List" page. | N/A | The "Employee List" page is displayed correctly. |
| Enter the full name of an existing employee in the search field and initiate the search. | Full Name: Joni Din | The system displays one result matching the exact name entered. |
| Verify the details of the displayed result. | N/A | The displayed employee details match the correct record in the system. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:  
Verify that no additional results are displayed when the exact full name is entered.

Test Case ID: TC014

**Author/Tester:** Refael peretz

## Description: Admin dashboard fields display test P.

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** The user is logged in to the system as admin .

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Open the browser and navigate to the "Dashboard" page. | N/A | The dashboard page is displayed correctly. |
| Verify that all admin-specific fields are displayed on the dashboard. | Fields: Quick Launch, Employee Distribution by Subunit, Pending Leave Requests | All admin-specific fields are displayed as expected on the dashboard. |

**Environment:**

Browser: Chrome

OS: Windows 11

**Comments:**

Test Case ID: TC015

**Author/Tester:** Refael peretz

## Description: Logout functionality and re-login requirement test P

**Severity**: High

**Priority:** High

**Status:** Passed/Failed

**Preconditions:** The user is logged in to the system with valid credentials.

The dashboard page is displayed correctly

| **Step** | **Data** | **Expected Result** |
| --- | --- | --- |
| Click on the user profile icon in the top-right corner of the page. | N/A | A dropdown menu is displayed showing the options: About, Support, Change Password, and Logout. |
| Click on the "Logout" option in the dropdown menu. | N/A | The user is logged out, and the login page is displayed. |
| Attempt to access any internal system page (e.g., Dashboard URL) without logging in. | URL: https://opensource-demo.orangehrmlive.com/web/index.php/dashboard | The system redirects to the login page, requiring authentication. |

**Environment**:  
Browser: Chrome  
OS: Windows 11

**Comments**:  
Verify that all session data is cleared after logout.  
Ensure that the login page does not auto-fill credentials unless explicitly saved by the browser.

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