OrangeHRM Portal

System Test Plan - Test Cases

Version 1

A note for students:

This is a rework of a test plan found on : <http://www.softwaretestinghelp.com/writing-test-cases-from-srs-software-testing-qa-training-day-4/> but changed

For this deliverable, you need word document format, but the excel format above is very useful in business situations.

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**Preface**

The test team consisting of both OrangeHRM System users and programmers are intended to use this document.

|  |  |  |
| --- | --- | --- |
| Author | Revision Date | Reason |
| Kristin Pepper | 4/4/2015 | Initial Release |
|  |  |  |

**System Description**

The OrangeHRM System is a web based manages employee photos. Employees can add or change their own photos and Human Resources can add or change everyone's photos. The system produces lists of photos by different selection criteria. Its photos will be used by many other systems in the company. The photos are stored in a configurable file structure and the photo location is pointed to by a file system.   This release only includes employee photos and name and address and social security information and not any of the other information planned for later.

**Test Environment**

The OrangeHRM System will be tested on panther in a development web site. Testers will access the site from different browsers locally on their pc and from a mac.  Results will be checked by querying the database, examining the picture files on panther and checking subsequent web inquiries and reports. The database and files will be partially filled when the test starts. A starting database script and a copy of the starting files as well as all the pictures to be uploaded will be kept on panther.

**Test Cases dealing the with login**

**Test case ID: TC\_MI\_01**

Test objective:

Successful Employee login to OrangeHRM portal

Precondition:

1. A valid ESS-User account to login to be available

2. Orange HRM 3.0 site is launched on a compatible browser

Steps:

1. In the login Panel, enter the username  (Test Data: "A valid username"")

2. Enter the Password for the ESS-User account in the password field (Test data: "A valid Password")

3. Click "Login" button

Expected Result:

The user is logged in successfully.  For first time users personal information is displayed. (There is only one expected result for the entire test case. However, that does not have to be so. If it makes sense that for every step, you want to write the result of exactly what happens with it, please free to have an expected result for each test step)

**Test case ID: TC\_MI\_012**

Test objective:

Error message on unsuccessful Employee login to OrangeHRM portal

Precondition:

1. A ESS-User name to login to be available

2. Orange HRM 3.0 site is launched on a compatible browser

Steps:

1. In the login Panel, enter the username  (Test Data: "A valid username"")

2. Enter the Password for the ESS-User account in the password field (Test data: "An invalid Password")

3. Click "Login" button

Expected Result:

An Error message is displayed and the user is not logged in to the Orange HRM portal. "<Exact Error Message>"

(In the test case, it is not  enough when we say, 'that an error is displayed'- in addition to that, we will have to mention the exact error message that is going to be encountered by the user- This information can generally be found in FRD(SRS). If not, look in the technical design document or Use cases )

**Test Cases dealing the with adding and changing accounts**

**Test case ID: TC\_MI\_MIM\_02**

Test objective:

Personal details- modification with valid values- "First Name"

Precondition:

1.       Orange HRM 3.0 site is launched on a compatible browser and a ESS User account holder is logged in to the site(The precondition can be used to avoid repeating steps 1, 2 and 3 as in the previous test case. However, if you are more comfortable having the login steps as well, that is ok too.)

Steps:

1. Check the fields on the "Personal information Page"

2. Change the field, "First Name" with enter a valid new name in this field. ("A valid new value for the first name field")

3. Click on "Save"

Expected Result:

Check if the following fields are disabled for entry in Personal Details:

·         ● Employee ID

·         ● SSN No

·         ● SIN No

·         ● Driver License No

·         ● Date of Birth

 The first name field needs to now show the new value entered

Query the database to ensure the new name is updated.

\* This is how all the other field's modification can be tested. Be sure to include negative test cases, where an invalid data can be entered as the new value and an error message is observed

**Test case ID: TC\_MI\_P\_03**

Test objective:

Check the upload of a invalid format of the picture (may be a .doc file) that is less than 1 MB

Precondition:

1. Orange HRM 3.0 site is launched on a compatible browser and a ESS User account holder is logged in to the site

2. A doc file is available that is less than 1 MB

Steps:

1.       Click on the photograph displayed at the top left corner of the page

2.       Click on "Choose a file" button

3.       Choose the doc file that is less than 1 MB (Test data: Name of the image Location-path on the machine)

4.       Click on upload

Expected Result:

·         The "Photograph screen" will be displayed

·         You will be able to browse your local machine for images

·         The file name is selected in the "Choose a file" box

·         An error message is displayed that the format is not supported- <The exact error message>

# Testing scenarios of Admin Panel syncing with an app

\* Admin Panel:

1) Admin Panel Login Screen: Enter wrong credential and check the behaviour of the page.

2) Check for the validation messages spellings and text.

3) It should perform an action by tapping a key from keyboard. i.e., Enter Key....

4) Do the Sign In and Sign Out in admin panel and check the behaviour in all browsers. i.e., Google Chrome, Firefox, Internet Explorer, Safari.

5) Check the Browser compatibility for Buttons click operations available on tabs and screens.

6) Check Add, Edit, Update, Delete, Block functionality in admin panel.

7) Check respond validation messages after performing above operation. i.e. 'Item deleted successfully.'

8) Check responsiveness with all browser supports.

9) Check Session Tim-out if Admin(Owner) doesn't perform anything with admin panel for a long time. Session should be expired and sign out automatically.

10) Check Change Password functionality in admin panel.

11) Try login with both old and new password after changing the password.

12) Check for the Console Errors if its arriving while loading and executing. It should be resolved.

13) Mandatory fields should be titled with red asterisk (\*) sign.

14) Action buttons should be responded with first click on any Add, Edit form in Admin Panel.

15) Admin Dashboard: Data Calculation should be worked perfectly and proper calculated data should be displayed on Dashboard with List or Graph.

16) Check Pagination Records functionality in admin panel. i.e (5 or 10 or 20 records per page)

17) Check for Sorting order in fields.

18) Check for Uploaded Image should be set perfectly in fields in admin panel.

19) Check Search functionality whether it is displaying correct result or not.

20) Check for data Import and Export functionality in admin panel. (It depends on the requirements)

21) Check for Icon should be set proper as per the Menus name in side bar menu. i.e User Management tabs should have User default profile logo.

22) Check multiple selection using checkbox and perform the operations like Delete, Block....

23) After delete a user in admin panel, should be able to sign up into the app again.

24) After delete a user, please check the app side forgot password functionality by entering same deleted email.

25) Check the application logo in admin panel with all resolution and favicon icon for the admin panel URL in browsers.

## ****\*\*\* Admin Panel Syncing with Mobile App: \*\*\*****

1) Check with, a user sign up with the app, those entries is displaying properly or not in admin panel user management.

2) Remove all the user's records from the database and in app side, try login with anyone of the user and check the behaviour whether app developer has set auth token or not.

3) Check block user functionality in app side, user should not be able to login into the app if admin has blocked that user.

4) Check for the validation message for block functionality whether, user is getting proper understandable text or not in app side.

5) In App side, check the Image resolution which is fetched and displayed from the back-end admin panel. It should not cut and stretch.

6) In App side, check for the proper and exact content should be displayed properly as per set in admin panel.

7) Delete any user from back-end and in app side, if user try to login into the app then check the app behaviour.

8) Suddenly, delete any user from back-end while user logged in into the app, and check the behaviour. In app side, on next webservice response User should be through out from the app and login screen should appear.

9) Change anything from admin panel and check the app side, whether that changes is applying on refreshing the app or not.

10) Check for any require action perform into the app is displaying into an admin panel or not.

I have listed out the scenarios for testing an admin panel, admin panel syncing with app. The scenarios of testing may vary based on the different requirement of the projects.

<https://www.linkedin.com/pulse/testing-scenarios-admin-panel-syncing-app-jayesh-vaghela>