

Orange HRM Cross Browser Testing Test Plan – TP_1.0

Test Plan Identifier

Orange HRM Website Cross Browser Testing TP_1.0

References

Documents that support this test plan include the following:

- The Project Plan
- OrangeHRM_FRS V01
-

Introduction

This test for website cross browser testing supports the following objectives:

1. To define the tools to be used throughout the testing process
2. To communicate to the responsible parties the items to be tested, schedule and define the environmental needs
3. To define how the tests will be conducted

Test Items (Functions)

The system should be tested on Windows, Linux and Mac Machine.

Features To Be Tested

Features to be tested include the following:

- Login Module
- My Info Module
- Photograph
- Contact Details
- Emergency Contact
- Dependents
- Immigration
- Job

- Salary
- Report To
- Qualifications
- Membership

Features Not To Be Tested

Feature Not To Be Tested	Reasons
Any feature related to admin user	Requirement is not ready yet, it will be planned in the next iterations

Approach (Strategy)

- Existing functionalities will be validated as part of the regression tests
- New functionalities will be validated as part of progression tests
- Fixed defects will be validated in the confirmations tests (Re-Testing)
- Once completed, the test manager should communicate the test run reports in the CM to the stakeholders
- When test is marked as failed, bug report will be created in incident management tool with traceability to the related test case.
- The test leader will create test runs for each tester
- The tester will execute the tests in the CM and mark each one as Passed, Failed or Blocked

Pass/Fail Criteria

- All core functionality of the system should function as expected and outlined in each test cases
- 90% of all test cases should be passed, and failed test cases shouldn't be crucial to the ESS-User's ability to use the application
- There must be no critical defects found

Suspension Criteria

- Testing should be paused immediately if the system experiences login issues
- Testing should be paused immediately if the system experiences failure in the basic CRUD (Create, Read, Update & Delete) functionalities
-

ENTRY CRITERIA:

- Requirement Specification Document is ready
- Test Plan is ready
- Unit test cases are passed
- Test Environment is ready
- Test cases

EXIT CRITERIA (DoD):

- Completion of all planned test cases execution
- Zero Existing defects
- No Functional defects from any previous iterations
-

Test Deliverables

Upon completion of the execution, the test run results will be saved in the CM, the test manager should report all the following test deliverables:

- Test Plan
- Test Cases
- Test Scripts (Not mandatory)
- Bug reports (Defect Reports)
- Metrics
- Test Progress report
- Test Summary report

Testing Tasks

The following activities must be completed:

- Test Plan Preparation
- Requirement Gathering and Coverage (Review and Analysis)
- Test cases implementation (Test cases writing, test scripts)
- Test cases Execution
- Test Progress and Summary reports preparation
- Confirmation Testing (Re-Testing)

Environmental Needs

- The test server must be populated with availability of the test data with the required resources
- The test must be conducted on Windows, Linux & Mac Machine.
- The test must be conducted on cross browsers (Chrome, Firefox, Edge)

Responsibilities

Role	Responsibilities
Test Manager	1- Create Test Plan 2- Monitor the test process results (metrics) 3- Communicate the test results to stakeholders
Test Leader	1- Create Test suites 2- Create test metrics 3- Review and check requirement testability and test level 4- Conduct test cases peer review 5- Test progress and summary report
Tester	1- Test implementation (test cases writing, test scripts) 2- Test execution 3- Bug report 4- Tester should understand the expectation on completion date and the require quality level

Staffing And Training Needs

Test should be done by three testers. Each tester should have the basic knowledge of the HR Management System.

Resource	Training needs	Availability
John	N/A	100%
Mohamed	Product Knowledge	95%
Ahmed	Automation	90%

Schedule

Sprint #N	Calendar Week	Test Deliveries
Sprint #1	CW #8: CW #9	Test Plan
Sprint #2	CW #10: CW #11	Test Plan Requirement Gathering Test cases implementation Test progress report
Sprint #3	CW #12: CW #13	Test Plan Test Cases Execution Test Summary Report

Risks And Contingencies

Risk	Mitigation
Resource is on vacation	Maintain backup resource
SW/HW Failure during testing in test environment	Dedicated resource should be ready, also maintain backup HW resources
Poor Product/Technical knowledge for new assigned resources	Conduct the required training for new assignees

Approvals

The product manager must agree on completion of the testing project and determine when it's ready to proceed to the next step