# 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)
* Metrices
* 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 (metrices) 3. Communicate the test results to stakeholders |
| Test Leader | 1. Create Test suites 2. Create test metrices 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