

OrangeHRM Project

- Test Plan -

Revision History

Date	Description	Author	Comments
12.10.2023	v1.01	Dumitru Petruta Ecaterina	More details added on Test Implementation and Test completion

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Introduction

This test plan document describes the strategies, process, workflows and methodologies used to plan, organize, execute and manage testing process for OrangeHRM.

1.1 Project Objective

The scope of the final project for ITF Manual Testing Course is to use all gained knowledge through the course and apply them in practice, using a live application.

Application under test:

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

Username : Admin

Password : admin123

the focus will be only on **Time module – Time Sheets**

Application documentation:

<https://www.orangehrm.com/assets/Files/Complete-Administrative-User-Guide.pdf>

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Tools: Jira

1.2 Functionalities in scope

- All the features of **Time module** which were defined in business requirements need to be tested: functional testing,
- The below user story was created in Jira and describes functional specifications of the **Time module**



[OP-24] Functions by Admin in Time Module - Time Sheet

Created: 14/Oct/23 12:35 PM - Updated: 14/Oct/23 6:47 PM

Status:	Backlog
Project:	Orange Project
Parent:	OP-3 Time module in the Orange HRM application (Epic)
Component/s:	None
Fix Version/s:	1.01

Type:	Story	Priority:	Medium
Reporter:	Dumitru Petruta Ecaterina	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Original Estimate:	Not Specified		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

<i>Agile</i>	
Epic Link:	Time module

Description

Information regarding the functions can be defined, which can be later used for project management activities.

Preconditions: Have an admin user defined.

Requirements: Depending on each user the functions vary:

- Add project information; customers; projects and activities
- View/Edit/Approve/Reject employee timesheets
- View any employee's attendance records

Acceptance criteria:

The functions should be properly displayed in the web page,

The text should be easily readable, with proper font sizes.



[OP-4] Project added by Admin in Time Module - Time Sheet

Created: 12/Oct/23 5:09 PM - Updated: 14/Oct/23 7:04 PM

Status:	Backlog		
Project:	Orange Project		
Parent:	OP-3 Time module in the Orange HRM application (Epic)		
Component/s:	None		
Fix Version/s:	1.01		

Type:	Story	Priority:	Medium
Reporter:	Dumitru Petruta Ecaterina	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Original Estimate:	Not Specified		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

Epic Link:	Time module
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Description

The administrators are able to define the projects, which are managed by the company.

Preconditions: Have an admin user defined.

Requirements: Depending on each Admin, the functions vary: add, cancel, delete projects.

Acceptance criteria:

The functions should be properly displayed in the web page and easily accessible.

The selected options should be applied instantly.

The text should be easily readable, with proper font sizes.

1.3 Functionalities and tests out of scope

- No QA support for mobile application developed. Only web application will be tested.
- Automation testing is beyond scope

2. Test process

2.1 Test planning

Roles and responsibilities

Product Owner	Orange HRM Company
Software Developer	Diana Popescu
Tester	Dumitru Petruta Ecaterina

Entry criteria:

- Business specifications are defined
- Roles needed for the project are allocated
- Initial project risks were detected and mitigated

Exit criteria:

- All test cases have been executed
- The unresolved bugs/defects have medium priority
- No detected major risks remained un-mitigated
- All resolved bugs have been retested and approved by the testers
- Regression testing have been ran and no major bugs detected
- All business requirements have been covered by test cases
- All business requirements have been met

Risks:

- Project risks: lack of experience of QA team, lack of tools, short deadline for Jira and Zephyr Squad,
- Product risks: Validation constraints on the fields might be too restrictive to the end user

2.2 Test analysis

- Analyze the business requirements to make sure that we have all the details to create the test conditions
- Write test conditions that will be tested in our test process

2.3 Test design

- Functional test cases will be created in Jira

2.4 Test implementation

Verify if the following elements are ready before test execution:

- Test environment is up and running:
- <https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>
- Access to test environment is given:
username Admin, password: admin 123
- Cycle summary was created 1.01, Ad hoc
- Test cases were added to the cycle summary

2.5 Test execution

- Test cases are executed on the created cycle summary

Test Execution



Orange Project (OP) / Unscheduled
Test Execution by user



- Bugs have been created based on the failed test cases. The complete bug reports can be found here:

**[OP-41] BUG - the NAME field accepts 51 chars instead of 50**

Created: 14/Oct/23 7:14 PM - Updated: 17/Oct/23 4:53 PM - Resolved: 17/Oct/23 4:53 PM

Status:	Done
Project:	Orange Project
Parent:	OP-3 Time module in the Orange HRM application (Epic)
Component/s:	None
Affects Version/s:	1.01
Fix Version/s:	1.01

Type:	Bug	Priority:	Medium
Reporter:	Dumitru Petruta Ecaterina	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Original Estimate:	Not Specified		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

Agile

Epic Link: Time module**Environment**

Testing

Description

Verify max accepted chars for CUSTOMER NAME field.

Precondition: Have an admin user defined.

Test steps:

1. Login with admin user
2. Access Menu - Time - Time screen - tab Project info
3. Click on PROJECTS button + ADD project button
4. Project name field - Enter project name
4. Project name field - Enter project name
5. Click on ADD customer button to open the "Add customer" pop-up.
6. a Paste a name that has 51 chars into the Customer Name field 6, b Erase 1 char and check the field behavior again

Test data: user: Admin; pass: admin123

Test result:

- (a) for 51 chars in Name field - an error is displayed informing the user that maximum 50 chars are accepted
(b) after deleting 1 char the error message is no longer displayed and the user can save the customer

Actual result: the NAME field accepts 51 chars instead of 50.

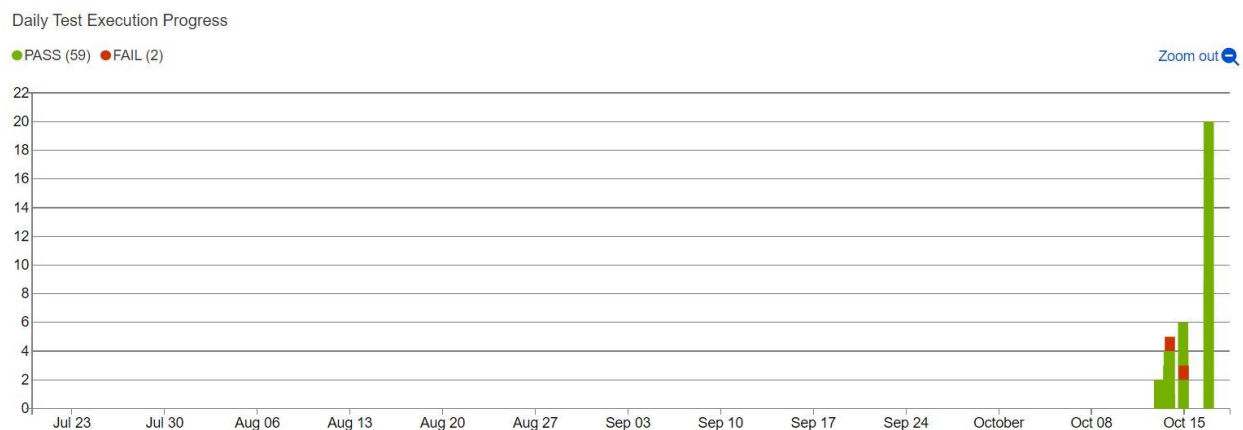
Attachments

2.6 Test closure

- All exit criteria were met as mentioned in the Test Planning section (2.1)
- The traceability matrix was generated to demonstrate the business requirements coverage
- Test execution chart was generated, the final report shows a number of 1 failed test cases of a total 28

2.7 Test monitoring and control

Various periodic reports were generated to reflect the current status of the testing process, in case of major problems control measures could be taken.



3. Test deliverables

3.1 Test plan

The plan identifies the items to be tested, the features to be tested, the type of testing to be performed, the roles and responsibilities for the testing process, the resources and schedule required to complete testing and the risks associated with the plan.

3.2 Test conditions

The administrators are able to define the projects, which are managed by the company.

Preconditions: Have an admin user defined.

Requirements: Depending on each Admin, the functions vary: add, cancel, delete projects.

Acceptance criteria:

The functions should be properly displayed in the web page and easily accessible.

The selected options should be applied instantly.

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Information regarding the functions can be defined, which can be later used for project management activities.

Preconditions: Have an admin user defined.

Requirements: Depending on each user the functions vary:

- Add project information; customers; projects and activities
- View/Edit/Approve/Reject employee timesheets
- View any employee's attendance records

Acceptance criteria:

The functions should be properly displayed in the web page,

The text should be easily readable, with proper font sizes.

3.3 Test cases

Issue		Created	Updated	Progress	9	10	11	12	13	14	15	16	17	18
Orange Project														
OP-6	Add project - admin - verify ADD button presence for the user	2023-10-12	2023-10-16	DONE										
OP-7	Add project - admin - verify ADD project with new defined customer	2023-10-12	2023-10-17	DONE										
OP-8	Add project - admin - verify ADD project using an existing customer	2023-10-13	2023-10-17	DONE										
OP-9	Add project - admin - verify CANCEL button for adding project screen	2023-10-13	2023-10-17	DONE										
OP-10	Add project - admin - verify ADD project using invalid customer name and project admin	2023-10-13	2023-10-17	DONE										
OP-11	Add project - admin - verify ADD project with multiple project admins	2023-10-13	2023-10-17	DONE										
OP-12	Add project - admin - verify ADD project having entered the same project as admin multiple times	2023-10-13	2023-10-17	DONE										
OP-13	Add project - admin - verify that an extra entered project admin can be deleted	2023-10-13	2023-10-17	DONE										
OP-15	Add project - admin - create new customer	2023-10-13	2023-10-17	DONE										
OP-16	Add project - admin - cancel create new customer	2023-10-13	2023-10-17	DONE										
OP-17	Add project - admin - cancel create new customer after having already created a customer	2023-10-13	2023-10-17	DONE										
OP-18	Add project - admin - check closing the ADD CUSTOMER pop-up	2023-10-13	2023-10-17	DONE										
OP-19	Add project - admin - verify that duplicated customers are not accepted	2023-10-13	2023-10-17	DONE										
OP-20	Add project - admin - verify max accepted chars for CUSTOMER NAME field	2023-10-13	2023-10-17	DONE										
OP-21	Add project - admin - verify if CUSTOMER NAME field accepts special characters	2023-10-13	2023-10-17	DONE										
OP-22	Add project - admin - verify max accepted chars for Customer Description field	2023-10-13	2023-10-17	DONE										
OP-29	Add customer - admin - create new customer	2023-10-14	2023-10-17	DONE										
OP-30	Add customer - admin - cancel create new customer	2023-10-14	2023-10-17	DONE										
OP-31	Add customer - admin - verify mandatory fields	2023-10-14	2023-10-17	DONE										
OP-32	Add customer - admin - verify that duplicated customers are not accepted	2023-10-14	2023-10-17	DONE										
OP-33	Add customer - admin - verify max accepted chars for CUSTOMER NAME field	2023-10-14	2023-10-17	DONE										
OP-34	Add customer - admin - verify if CUSTOMER NAME field accepts special characters	2023-10-14	2023-10-17	DONE										
OP-35	Add customer - admin - verify max accepted chars for Customer Description field	2023-10-14	2023-10-17	DONE										
OP-36	View customer - admin - check details for an added customer	2023-10-14	2023-10-17	DONE										
OP-37	Edit customer - admin - edit customer details	2023-10-14	2023-10-17	DONE										
OP-38	Edit customer - admin - cancel edit customer details	2023-10-14	2023-10-17	DONE										
OP-39	Delete customer - admin - delete customer from item button	2023-10-14	2023-10-17	DONE										
OP-40	Delete customer - admin - delete customer from multiple selection delete button	2023-10-14	2023-10-17	DONE										

3.4 Daily test summary report

Projects / Orange Project / Test Summary

Test Summary

Total Tests28

Total Unexecuted0

Total Executed28

TESTS BY VERSIONS

Search

Name :	Tests :
Unscheduled	0
1.01	28

Showing 1 - 2 of 2Prev1 of 1Next

TESTS BY COMPONENTS

Search

Name :	Tests :
No Component	28

Showing 1 - 1 of 1Prev1 of 1Next

TESTS BY LABELS




















Search

Name :	Tests :
No Label	28

Showing 1 - 1 of 1Prev1 of 1Next

3.5 Traceability matrix

Issues Showing of 1-10 of 10 [Expand All](#)

Requirements ▾	Tests	Executions	Defects
›  OP-41 BUG - the NAME field accepts 51 char...	 OP-20 Add project - admin - verify max accept...	2 Executions	 2 Defects
›  OP-28 Delete customer by admin in Time Mod...	 2 Tests	4 Executions	None
›  OP-27 Edit customer by admin in Time Module	 2 Tests	7 Executions	None
›  OP-26 View customer by admin in Time Module	 OP-36 View customer - admin - check details f...	2 Executions	None
›  OP-25 Add customer by admin in Time Module	 7 Tests	14 Executions	None
 OP-24 Functions by Admin in Time Module - TI...	None	None	None
›  OP-14 Add project info - add customer pop-up...	 8 Tests	18 Executions	 2 Defects
 OP-5 Customer added by Admin in Time Mod...	None	None	None
›  OP-4 Project added by Admin in Time Modul...	 8 Tests	16 Executions	None
 OP-3 Time module in the Orange HRM applic...	None	None	None

3.6 Test case results

*The test cases results:

-pdf exported from Jira with all test cases and results

3.7 Bugs report

OP-41

Created at 17/Oct/23 4:54 PM by Dumitru Petruta Ecaterina with [Better PDF Exporter for Jira Cloud](#)



[OP-41] BUG - the NAME field accepts 51 chars instead of 50

Created: 14/Oct/23 7:14 PM - Updated: 17/Oct/23 4:53 PM - Resolved: 17/Oct/23 4:53 PM

Status:	Done		
Project:	Orange Project		
Parent:	OP-3 Time module in the Orange HRM application (Epic)		
Component/s:	None		
Affects Version/s:	1.01		
Fix Version/s:	1.01		

Type:	Bug	Priority:	Medium
Reporter:	Dumitru Petruta Ecaterina	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Original Estimate:	Not Specified		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

Agile

Epic Link: Time module

Environment

Testing

Description

Verify max accepted chars for CUSTOMER NAME field.

Precondition: Have an admin user defined.

Test steps:

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Test data: user: Admin; pass: admin123

Test result:

(a) for 51 chars in Name field - an error is displayed informing the user that maximum 50 chars are accepted
(b) after deleting 1 char the error message is no longer displayed and the user can save the customer

Actual result: the NAME field accepts 51 chars instead of 50.

Attachments



Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

Teams



DE

Top Defects Impacting Testing

OP / Unscheduled

Top 5 Defects Impacting Testing Report

[Back](#)

Defect ID	Summary	Status	Tests Affected
OP-20	Add project - admin - verify max accepted chars for CUSTOMER NAME field	Done	1

3.8 Test completion report

*The test completion report generated from Jira:

-pdf exported from Jira with test completion report

3.9 Schedule

A test schedule includes the testing steps or tasks, the target start and end date and responsibilities.

Run functional test cases for

17.10. 2023

Dumitru Petruta

Ecaterina

Time Sheet submenu of Time module