

# TEST PLAN

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## Test Plan Document for OrangeHRM:

### 1. Test Plan Ids:

1. TC\_OrangeHRM\_001
  - Login for OrangeHRM using different test cases.
2. TC\_OrangeHRM\_002
  - Update self user personal details.
3. TC\_OrangeHRM\_003
  - Check for employee applied leaves status.
4. TC\_OrangeHRM\_004
  - Review timesheet of employees.
5. TC\_OrangeHRM\_005
  - Search employee in directory.

### 2. Introduction:

- ✓ This is a System Test Plan for OrangeHRM, a human resource management software system.
- ✓ OrangeHRM is a web-based application designed to streamline HR processes for organizations.
- ✓ It provides two interfaces: one for administrators and another for regular users.
- ✓ Administrators are authorized users within the organization, while regular users include HR personnel and employees.
- ✓ The purpose of the system (application) is to automate HR tasks, including employee management, recruitment, performance evaluation, and more.
- ✓ OrangeHRM enables organizations to manage their workforce efficiently and effectively through a centralized platform accessible via the internet.

### 2. Test Items:

- ✓ Login
- ✓ Employee Search
- ✓ Employee Timesheet
- ✓ Employee Leaves
- ✓ Personal Details Update

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## 3. References:

- ✓ Requirements
- ✓ Project Plan
- ✓ Test Strategy
- ✓ Use cases (if available)
- ✓ High level Design Documents
- ✓ Low Level Design Documents
- ✓ Process Guide line document
- ✓ Prototypes

## 4. Features to be tested:

- a. Login Interface:
  - i. Login Page
    - 1. Enter username
    - 2. Enter password
  - ii. Types
    - 1. Positive case
    - 2. Negative case
- b. Employee Search:
  - i. Directory
    - 1. Employee Role
    - 2. Employee Name
    - 3. Employee Department
- c. Employee Timesheet:
  - i. Timesheet
    - 1. Work hours
- d. Employee Leaves:
  - i. Leaves
    - 1. Status
      - Pending
      - Cancelled
      - Approved
      - Scheduled
      - Rejected
- e. Personal Details Update:
  - i. Update
    - 1. Firstname

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2. Lastname
3. emp\_id
4. Middlename
5. DOB

6. Features not to be tested: NA

## 7. Entry Criteria:

a) Test Design:

- Team formation, Responsibilities,schedule,requirements,test case template
- Training on domain, on automation tools

b) Test Execution

Readiness of test tab

Readiness of AUT

Requirements

Test case Documents

Test data

Defect Report Template

Etc....

## 8) Exit Criteria:

All possible test cases executed

Confidence on test process

Time limitations

Budget limitations

## 9) Suspension criteria:

N/A

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## 10) Roles and Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Ravi Arole	Test Lead	Test planning, guidance, Monitoring and test control	
2	Ravi Arole	Sr. Tester	Test data collection, Generating test scenarios	
3	Ravi Arole	Tester	Test case documentation, testexecution, defect reporting and tracking for admin module	
4	Ravi Arole	Tester	Test case documentation, testexecution, defect reporting and tracking for Personal banking module	
5	Ravi Arole	Tester	Test case documentation, testexecution, defect reporting and tracking for Corporate banking module	

## 11) Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	5	2 <sup>nd</sup> july to 6 <sup>th</sup> july	
2	Review meeting	1	9 <sup>th</sup> july	
3	Generating Test scenarios	10	11 <sup>th</sup> july to 22 <sup>nd</sup> july	
4	Reviews	02	25 <sup>th</sup> july to 26 <sup>th</sup> july	
5	Test case Documentation	40	29 <sup>th</sup> july to 12 <sup>th</sup> august	
6	Reviews	04	14 <sup>th</sup> august to 18 <sup>th</sup> august	
7	Test data collection	6	20 <sup>th</sup> august to 26 <sup>th</sup> august	
8	Reviews	1	28 <sup>th</sup> august	
9	Verifying Test Environment Setup	1	29 <sup>th</sup> august	
10	Create Test Batches	02	30 <sup>th</sup> 31 <sup>st</sup> Aug	
11	Sanity Testing	1	3 <sup>rd</sup> september	

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12	Comprehensive testing	25	4 <sup>th</sup> sep to 2 <sup>nd</sup> October	
13	Sanity Testing	1	3 <sup>rd</sup> October	
14	Selecting Test Cases	2	4 <sup>th</sup> and 5 <sup>th</sup> October	
15	Regressing Testing	05	8 <sup>th</sup> October to 12 <sup>th</sup> October	
16	Sanity Testing	1	15 <sup>th</sup> October	
17	Selecting Test Cases	1	16 <sup>th</sup> October	
18	Regression Testing cycle -2	4	17 <sup>th</sup> October to 22 <sup>nd</sup> October	
19	.			
.	.			
.	.			
28	Final Regression	8	19 <sup>th</sup> November to 28 <sup>th</sup> november	
29	Evaluating Exit Criteria	1 or 2	29 <sup>th</sup> , 30 <sup>th</sup> nov	
30	Collecting all artifacts	2	3 <sup>rd</sup> ,4 <sup>th</sup> Dec	
31	Test Summary Report	1	5 <sup>th</sup> Dec	

Note: Regression Testing depends on Application and strength of Development team.

## 12)Training:

- Training program on orangehrm.
- Test Automation Training Using Katalon.

## 13) Risks and Miligations

- Time
- Budget

## 14) Test Environment/ Lab:

Application Type: Web Application, Internet and public  
Server Side:

- Katalon Studio (for test automation)
- Git (for version control)
- Jenkins (for continuous integration)
- Microsoft Office (for documentation)
- Microsoft Excel (for data driven tests)

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## *Client side:*

- Google Chrome (Version 121.0.6167.161 (Official Build) (64-bit))

## *AUT Environment:*

- HTML, CSS, JavaScript (for front-end)
- Katalon Studio (for test automation)
- Git (for version control)
- Jenkins (for continuous integration)

## 15) Test Deliverables:

- Test Plan
- Review reports
- Test Scenario docs
- Test Case Docs
- Test data
- Opened, closed defect report
- Test summary report

## 16) Approvals:

SNO	TASK/S	AUTHOR/ RULE	DATE & SIGNATURE
1	Test plan documentation	Test Lead-	
2	Review	Quality analyst-	
3	Approval	Project Manager-	

## 17) Glossary

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification