

## **Test Plan ID: TP001**

### **Introduction:**

This test plan is designed to test the functionalities of the OrangeHRM application based on the provided test cases. The scope includes validating login, search employee, add employee, leave management, update profile and change password functions.

### **Test Items:**

- Login
- Search Employee
- Add Employee
- Leave Management
- Update Employee Profile
- Change Password

### **Features to be Tested:**

All features and functionality mentioned in the test cases will be tested:

- Login
- Search Employee
- Add Employee
- Leave Approve/Reject
- Update Profile
- Change Password

### **Features Not to be Tested:**

- Performance Testing
- Security Testing
- Compatibility Testing

### **Test Approach:**

- Functional Testing
- Manual Testing
- Blackbox Testing

**Entry Criteria:**

- Requirements finalized
- Test cases reviewed
- Test environment ready
- Test data prepared

**Exit Criteria:**

- All test cases executed
- Critical and high priority bugs fixed
- Test summary report signed off

**Test Deliverables:**

- Test Plan
- Test Scenarios
- Test Cases
- Test Data
- Defect Reports
- Test Summary Report

**Test Tasks:**

- Review requirements
- Create test plan
- Design test cases
- Setup test environment
- Execute test cases
- Log defects
- Retest defects after fix
- Track defects to closure
- Document test summary report

**Training Needs:**

- Product training for new team members
- Refresher training on manual testing

### Staffing and Scheduling:

Name	Role	Responsibilities
John	Test Lead	Test Planning, monitoring, control
Mary	Tester	Execute test cases for Login, Search Employee
Peter	Tester	Execute test cases for Add Employee, Leave Management
Sam	Tester	Execute test cases for Update Profile, Change Password

### Schedule:

Task	Start Date	End Date
Test Planning	1/1/2024	5/1/2024
Test Case Design	8/1/2024	15/1/2024
Test Environment Setup	10/1/2024	12/1/2024
Test Execution	16/1/2024	31/1/2024
Defect Retesting	1/2/2024	15/2/2024
Report Sign off	20/2/2024	28/2/2024

### Risks and Mitigation:

- Requirement changes: Freeze requirements early, validate with users
- Resource unavailability: Have backup resources identified
- Timeline delays: Monitor progress closely, take corrective actions

### Test Environment:

- Hardware: Windows laptops
- Software: Chrome, Firefox, OrangeHRM application
- Tools: Defect tracking tool

### Approvals:

Prepared by: [John, Test Lead]

Reviewed by: [Peter, Dev Manager]

Approved by: [Sam, Project Manager]

### Glossary:

AUT - Application Under Test