

BLACKBOX TESTING OF ORANGEHRM- ORGANIZATION CONFIGURATION

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ABSTRACT- This project deals with the blackbox testing of OrangeHRM-Organization Configuration Application. The prime focus is to uncover the critical errors present in the system by testing it repeatedly. This project is basically done by implementing the concepts of iterative testing, exploratory testing and customer feedback. The various modules of the project are classified into several iterations. These iterations not only help in delivering high quality software but also it ensures that the customer is getting a software that works. The various increments of the software are tested and the proceeding goes further upon the customer's feedback. The test plans and test cases for unit testing, integration testing and system testing are prepared and executed for each iteration. Hence the effective communication between the testing team and the customer representative helps in ensuring the reliability of the delivered product.

I. INTRODUCTION

The purpose of this document is to describe all the requirements for the OrangeHRM. This forms the basis for acceptance between the OrangeHRM (customer) and the software vendor. OrangeHRM offers a complete suite of human capital management / human resource management tools. The intended audiences include Customer Representative, Development team and Testing Team.

The proposed software product is the OrangeHRM. The system will be used to add the employee information, employee leave processing, recruitment management, performance evaluation.

OrangeHRM aims to be the world's leading open source HRM (HRIS) solution for small and medium sized enterprises (SMEs) by providing a flexible and easy to use HRM system affordable for any company worldwide. HR personnel will transform their work from more paper-based work to less paper-based work due to their awareness of the convenience provided by the system, saving time and cost.

Integration Test Plan						amitysoft	
Company Name : Amity Soft				OPEN CLINIC		Created Date : 07/02/2014	
Project : Open Clinic						Created By : Rajith Kumar R	
SW Version : OpenClinic						Doc Version #	
Module : In Patient Registration						Reviewed By	
S.NO	Test Plan id	Module Name	Type of Check	DATA DEPENDENCY CHECK		DATA TRANSFER CHECK	
				DEPEND ON	DEPEND FOR	TRANSFER TO	TRANSFER DATA
1	IPR_ITP_01	Registration Screen	DDC	Login	Username and Password		
2	IPR_ITP_02	Employee Screen	DDC	Patient Registration Screen	Family name, first name, DOB, active, Country, Gender, Marital		
3	IPR_ITP_03	Planning Screen	DDC	Employee Screen	Type, start date, final date, birth date, sex		
4	IPR_ITP_04	Financial Screen	DDC	Planning screen	planned date, unit, user, patient, activity		
5	IPR_ITP_05	Doctor Screen	OTC			planned date, unit, Employee	
6	IPR_ITP_06	Bed Administration	OTC			Registration screen	Family name, first name, DOB, active, country, Gender, Marital
7	IPR_ITP_07	Final Billing Screen	DDC	Doctor Screen	Patient health Record		
8	IPR_ITP_08	Anaesthesia Screen	DDC	Doctor Screen	patient history, procedure, Treatment, procedure, location		
9	IPR_ITP_09	Emergency Room Screen	DDC	Doctor Screen	Discharge, anaesthesia, appointment, laboratory, surgical act		
10	IPR_ITP_10	Drug Prescription Screen	DDC	Doctor Screen	Product drug, packaging, quantity		
11	IPR_ITP_11	Lab Test Prescription Screen	DDC	Doctor Screen	sample, Sample time, Emergency, procedure		

Fig 1: Test Plan

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II. SCREEN LEVEL REQUIREMENTS

1. Login and Registration Module

This module enables employee to log in and access the details. It also enables admin to register any employee and update employee's general information along with contact, qualification and other details. The employee registration can be done only by the admin type of user having this privilege.

Login:

In this module the Employee or Administrator enters the system by using different user names.

New Employee Registration:

If the Employee is new to the organization then he/she has to register in the new Employee registration form.

Update Employee:

If the Employee want to update his profile then he has to update in the update employee form.

Forget Password:

By using this Employee can retrieve the password.

2. Delete View and Update Employee Information Module:

This module has control over the system and able to manage the human resource by adding, viewing and updating employee information. This module is based on hierarchy and employees can see their profile and profiles of other employee who are in lower hierarchy.

Delete Employee:

In this administrator can delete the employee from the organization by using Employee id.

Time Sheet

In this administrator generate a time sheet for employee.

Salary Report:

In this administrator generate a salary report for the employee.

Leave Report:

In this administrator see the leaves applied by employees and he manages the leaves.

Search work Sheet:

By using this administrator can see the employee work sheets.

Throughout the training, we were able to put in our efforts to make the project a success. The environment provided by the company enabled us to work in a positive manner.

IV. REFERENCES

1. http://en.wikipedia.org/wiki/Software_testing
2. www.guru99.com/software-testing.html
3. http://SoftwareTesting_Help.com
4. Roger Pressman, Software Engineering, A Practitioner’s Approach
5. B.Beizer. Software Testing Techniques. Van NostrandReinhold, New York,NY,1990

Integration Test case				amitysoft	
Company Name : AmitySoft		Project : Open Clinic		Created Date: 07/02/2014	
EIR Version : Open Clinic		Module : InPatient Registration		Created By : Rajatikumar	
				Doc. Version : 8	
				Reviewed By :	
#	No	Test Case ID	Test Case Description	Test Data	Expected Result
1	IPR_1TF_01	IPR_1TC_01	Enter whether the Patient Registration Screen is opened and click the Register and Password	Username: 170 Password: amty2 and Click Login	Display Patient Registration Screen.
2	IPR_1TF_02	IPR_1TC_02	Enter whether the encounter screen is opened after clicking on the patient's registration.	Enter all the data's and click save	Display Encounter Screen.
3	IPR_1TF_03	IPR_1TC_03	Enter whether the planning screen is opened after clicking on the encounter screen.	Observe	Display Planning Screen.
4	IPR_1TF_04	IPR_1TC_04	Enter whether the financial screen is opened after clicking on the planning screen.	Observe	Display Financial Screen.
5	IPR_1TF_05	IPR_1TC_05	Enter whether the Doctor Screen is opened after clicking on the financial screen.	Username: 165 Password: amty2 and Click Login	Display Doctor Screen.
6	IPR_1TF_06	IPR_1TU_06	Enter whether the Bill Administration Screen is opened after clicking on the Doctor Screen.	Enter all the data's and click save	Display Bill Administration Screen.
7	IPR_1TF_07	IPR_1TU_07	Enter whether the Final Billing Screen is opened after clicking on the Bill Administration Screen.	Enter all the data's and click save	Display Final Billing Screen.
8	IPR_1TF_08	IPR_1TU_08	Enter whether the anesthesia screen is opened after clicking on the Final Billing Screen.	Enter all the data's and click save	Display Anesthesia Screen.
9	IPR_1TF_09	IPR_1TU_09	Enter whether the Surgery Preposal Screen is opened after clicking on the anesthesia screen.	Enter all the data's and click save	Display Surgery Preposal Screen.
10	IPR_1TF_10	IPR_1TU_10	Enter whether the drug prescription screen is opened after clicking on the surgery preposal screen.	Enter all the data's and click save	Display drug prescription Screen.
11	IPR_1TF_11	IPR_1TU_11	Enter whether the lab test prescription screen is opened after clicking on the drug prescription screen.	Enter all the data's and click save	Display lab test prescription Screen.

Fig.1 Test case

Employee Salary and Payroll Module:

This module deals with employee salary. Any employee can see his salary details. The employee having admin type of privilege can see his own salary as well as the payroll of the other employees.

III. CONCLUSION

The project of Human Resource Management System is the requirement of almost all organization to manage the men power in proper and efficient manner.