SDET Manual Project

1st Step: Project Introduction

2nd: Understanding Functional Requirements for FRS (Functional Requirements Specification)

3rd: Creating Test Scenarios

Application: Orange HRM

* Human Recourse Application
* Developed in MySQL, PHP and Apache HTTP Servers
* Linux Environment

Two different modules: - Admin Module (Just used by HR Team)

- ESS (Employee Self Service) Module used by individual employee.

HRM – Divided in products. We are going to use My Info module as it will be used by end user (employee)(submodule)

STLC

1. Understand Requirements
2. Test Planning (Not using the document in Agile companies)
3. Test Scenarios (What are the areas to be tested)
4. Test Case (How to test scenarios – steps)
5. Test Execution
6. Identify defects & report them to the developer Defects)
7. Closure

Understanding Functional Requirements

Go to functional requirements Specification report to read the specific submodule you are going to test (My Info Module).

Add Test Scenarios following up requirements in the document to add situation or what to test in the test cases.

Identified Test Scenarios (What to test)

Test Cases (How to test)

Text Execution

Bug Reporting

Test Execution

1. Test Cases ( Review & Approved)
2. Build from Dev team ( Integrated Package)
3. Deploy the build on QA Environment.
4. Release Notes along with build.

* What is the new functionality implemented
* What are the fixes available
* Installation/Deployment steps

Test Phases:

1. Smoke and Sanity Testing

* Testing Build Installation and stability ( S1 - Critical/Showstopper/Blocker) ---- > Smoke Testing
* Basic functionality is working or not (TAT, BVT, Shakedown) ---- > Sanity Testing
* Page displayed or not
* Login is working or not
* All the elements are displayed or not

1. Functional Testing – Multiple Cycles

* Progression Testing
* Regression Testing
* Re-testing

Execution Report

Bug Report

URL: <https://opensource-demo.orangehrmlive.com>

**Pre-requisite**: I need to login as Admin account then create ESS user account.

ESS user account

Username: pavan@12345

Password: pavan@12345

Sign-Off:

* Management team conducts a review meeting along with the team.

Discuss the following items:

1. All test cases executed and passed.
2. All bugs have closed.
3. There is no P0, P1 & P2 bugs (Criteria from the company)

Handover the final build/certified build to the UAT team.