**OrangeHRM : Human Resources Management System**

**Test Summary Report**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Prepared By | Reviewed By | Approved By |
| **Name** | Team 2 |  |  |
| **Signature** |  |  |  |
| **Date** | 19/03/2020 |  |  |

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**1. TEST SUMMARY REPORT**

Launched in 2005, OrangeHRM is the most popular open source human resource management (HRM) software in the world. When you need to rapidly onboard a full-service HR environment, OrangeHRM meets your business and budget requirements. It centrally manages all your important company documents in one place. Publish new documents and edit existing documents as needed, quickly and easily. Companies can request for any customization in the application to suit their requirements. OrangeHRM has customized the HR software for thousands of organizations. OrangeHRM offers four different levels of support: Starter, Silver, Gold and Platinum. OrangeHRM provides online and onsite training in HR management techniques and the HRIS. OrangeHRM online training is conducted via Cisco’s WebEx, which allows small training groups to participate from any location. OrangeHRM On-site be conducted at any location upon request. This training targets large groups of trainees. Individuals who successfully complete the training session and sit for the examination are awarded a certificate of 'OrangeHRM Certified Administrator'.

* 1. **DETAILS OF BUILD**

Test Execution was conducted for the entire build.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Build** | **Date** | **No of Test Cases Executed** | **Test Cases passed** | **Test cases failed** |
| Functional Testing  Build 1 | 19-March-2020 | 60 | 50 | 10 |

* 1. **TYPES OF TESTING CONDUCTED**

Functional Test Execution for the project is carried out on the build which

Constitutes the fixes that are checked in. No regression is done in the build. Total

Functional test cases related to the build were executed.

* 1. **TEST ENVIRONMENT**

The details of the test environment are:

|  |  |  |  |
| --- | --- | --- | --- |
| **Server** | **Description** | **Platform** | **Configuration** |
| Server QA | Independent environment available for testing. | Microsoft Windows 10 Enterprise(Eclipse IDE) | Processor: Intel(R) Core(TM) i3-6100 CPU @3.70GHz  Memory(RAM):8GB |

* 1. **TESTING TOOLS**

Following are the tools used for testing:

|  |  |
| --- | --- |
| **Tools** | **Description** |
| Selenium Web Driver | Selenium-java-3.4.0 |
| TestNG | TestNG 6.9.10.201512240000 |

* 1. **ITEMS TESTED**

The following modules were tested in OrangeHRM application release:

[***Administration Module***](http://www.orangehrm.com/open-source-product-features-admin.shtml#admin)

The part of the system where the HR Manager or other appointed personnel perform all system administration tasks. This includes setting location of the organization and performing some other tasks related to the organization and it helps to make the backbone of the system.

[***Personal Information Management***](http://www.orangehrm.com/open-source-product-features-pim.shtml#pim)

This core module maintains all relevant employee related information, including different types of personal information, detailed qualifications and work experience, job related information etc. Picture of employee is included as well. Information captured in this module is utilized by all other modules, thus eliminating data redundancy.

[***Performance Module***](http://www.orangehrm.com/open-source-product-features-performance.shtml#performance)

Another natural attachment to OrangeHRM. While simplifying the performance review process you can communicate the key performance indicators for each job title allowing the employees to understand and achieve your expectations.

**2. TEST RESULTS**

**2.1 METRICS GENERATED**

2.1.1 Test Management Metrics

|  |  |
| --- | --- |
| **Release/Module / Build/Sprint** | **Build 1** |
| * **Total Number of Bugs** | 10 |
| * **Test Case design productivity** | 100% |
| * **Test Execution productivity** | 83.3% |
| * **Requirement Stability Index** |  |

2.1.2 Test Coverage Metrics

|  |  |
| --- | --- |
| **Release/Module / Build/Sprint** | **Build 1** |
| 1. **Total Test cases (TOTAL)** | 60– Functional |
| 1. **Test cases in scope** | 60 |
| 1. **Total test cases passed (P)** | 50 |
| 1. **Total test cases failed (F)** | 10 |
| 1. **Total non-executed test cases (blocked due to failure, lack of test data)** | 0 |
| 1. **Total Executed test cases** | 60 |
| **Test Coverage(At the end of Sprints)** | 100% |
| **Pass Percentage(At the end of Sprints)** | 83.3% |

2.1.3 Defect Metrics

|  |  |
| --- | --- |
| Defect Status | Build 1 |
| New | 10 |
| Open |  |
| Assigned |  |
| Fixed |  |
| Rejected |  |
| Deferred |  |
| reopen |  |
| Closed |  |
| **Total** | **10** |

**Defect density:0.027**

**2.2 ASSESSMENT OF QUALITY**

Acceptable: Yes

**3. TEST DELIVERABLES**

**3.1 TEST DELIVERABLES PREPARED**

* Test Scenario
* Test Case Document
* Test Log
* Defect Log
* Requirement Traceability Matrix
* Automation Scripts
* Test Summary Report

**3.2 KNOWN ISSUES**

The following two issues are deferred in the Build 1. They are:

1. In New User Registration (30 day Trial) module, error message "Last Name cannot contain more than 20 characters" is not shown.
2. In New User Registration (30 day Trial) module, error Message showing, "Company name cannot be more than 50 characters" is not displayed.
3. In Contact Sales module, error message "First Name cannot contain more than 20 characters" must is not shown.
4. In Contact Sales module, Message "Details successfully submitted" is not displayed.
5. In Personnel Information Management Module (PIM) Module, Employee is not shown in employee list.
   1. **RECOMMENDATIONS**

The application can be made more effective by including:

1. Leave
2. Time

**4. REFERENCE DOCUMENTS**

| **S. No** | **Documents** | **Version Number** |
| --- | --- | --- |
| 1 | Requirement Analysis Document | 1.0 |
| 2 | Test Plan |  |
| 3 | Test Scenarios/Manual Test Cases /Test Execution Log /Defect Log /RTM |  |
| 4 | Test Summary Report |  |