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**Test Evaluation Summary**

**DocGenerator**

**1.0**

**Revision History**

Table 1. Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 25.01.2020 | v1.0 | Created Document | User123 |
| 25.01.2021 | v1.1 | Updated Document | User123 |
| 26.01.2021 | v1.2 | Updated Document | User234 |

**Content**

1. [Introduction](https://sceweb.uhcl.edu/helm/RUP_course_example/courseregistrationproject/artifacts/test/results/test_report_arch.htm#_Toc449510156)
2. [Test Results Summary](https://sceweb.uhcl.edu/helm/RUP_course_example/courseregistrationproject/artifacts/test/results/test_report_arch.htm#_Toc449510159)
3. [Test Coverage](https://sceweb.uhcl.edu/helm/RUP_course_example/courseregistrationproject/artifacts/test/results/test_report_arch.htm#_Toc449510160)
4. [Defect Analysis](https://sceweb.uhcl.edu/helm/RUP_course_example/courseregistrationproject/artifacts/test/results/test_report_arch.htm#_Toc449510162)
5. Approval

1. **Introduction**
   1. **Purpose**

This Test Evaluation Report describes the results of the DocGenerator tests in terms of test coverage (both requirements-based and code-based coverage) and defect analysis (i.e. defect density).

* 1. **Scope**

This Test Evaluation Report applies to the DocGenerator. The tests conducted are described in the Test Plan. This Evaluation Report is to be used for the following:

* assess the acceptability and appropriateness of the performance behavior(s) of the prototype,
* assess the acceptability of the tests, and
* identify improvements to increase test coverage and / or test quality.

1. **Test Results Summary**

The test cases defined in the Test Suite were executed following the test strategy as defined in the Test Plan.

Test coverage (see Section 5.0 below) in terms of covering the use cases and test requirements defined in the Test Plan [5] was complete.

Code coverage is described in Section 6.0 and was not considered as a significant measure of success for the prototype.

1. **Test Coverage**

The tests to be performed on the prototype are defined in Section 5.1 of the Test Plan [5] along with their completion criteria. The test coverage results are as follows:

Table 2. Test Coverage

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Suite | # of Test cases executed | # of Test cases Passed | # of Test cases Failed | # of Test cases Blocked |
| TestSuite1.1 | 15.0 | 12.0 | 2.0 | 1.0 |
| TestSuite1.2 | 20.0 | 15.0 | 4.0 | 1.0 |

The area of tests with the **highest failure rate** was:

* + - Performance tests involving access to the Course Catalog System
    - Load tests involving access to the Course Catalog System.

1. **Defect Analysis**

This section summarizes the results of defect analysis, underlying the Open Defects.

Table 3. Defect Analysis

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Issue Key | Issue Type | Description | Severity | Priority | Status |
| 8391.0 | Defect | Stuff happens when it should not | 5.0 | 3.0 | Open |
| 3472.0 | Story | Stuff happens when it should | 7.0 | 6.0 | Closed |

1. **Approval**

This document has been reviewed and approved by Eu

Date: 11.22.2020