|  |  |
| --- | --- |
|  | Audio Cataloger Project |
| Test Result Report **Project Documentation** |
| **Background** | Information needed to assess the effectiveness of the testing process and the current state of the project. |
| **Purpose** | To provide the key information about the testing process and  testing results. |
| **Scope** | Testing process description, test results, metrics, timetable,  recommendations. |
| **Audience** | Management staff, QA team, project team. |
| **File** | 06 03 - Test Result Report.docx |

Contents

[1. Summary 3](#_Toc82515116)

[2. Test team 3](#_Toc82515117)

[3. Testing process description 3](#_Toc82515118)

[4. Timetable 4](#_Toc82515119)

[5. New defects statistics 5](#_Toc82515120)

[6. New defects list 5](#_Toc82515121)

[7. Overall defects statistics 5](#_Toc82515122)

[8. Recommendations 5](#_Toc82515123)

[9. Attachments 5](#_Toc82515124)

# Summary

During Feb 3-22 16 builds were released. The latest build has successfully passed 100% of the smoke test, and 76% of the critical path test. 98% of the requirements of high importance are implemented correctly. All key quality metrics are in the green zone, so there is every reason to expect the project completion on time (at the moment, real progress exactly corresponds to the plan). At the next iteration (starting Feb 24) the remaining low- priority test cases are scheduled for execution.

# Test team

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibility** |
| Joe Black | Senior Tester | Documentation creation, test- cases execution, participation in  code-review and communication with clients. |
| John | Tester | Test-cases execution, participation in code-review. |
| Mark | Senior Developer | Participation in requirements testing, communication with clients, coding, unit testing and code review. |
| Jim White | Developer | Writing code, unit testing and code review |

# Testing process description

Each of the 16 builds (15-17) released during the reporting period was tested under Windows 10 Ent x64, Linux Ubuntu 18 LTS x64 and JAVA Storm licenses runtime environment. The smoke test (see <http://projects/AU/Testing/SmokeTest>) was performed using automation based on batch files (see \\PROJECTS\AU\Testing\Aut\Scripts). The critical path test (see <http://projects/AU/Testing/CriticalPathTest>) was performed manually. Re-testing shows a noticeable quality increase (83% of previously detected defects were fixed).

# Timetable

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Activity** | **Duration, hours** |
| Joe Black | 08.02.2021 | Test cases creation | 4 |
| Joe Black | 10.02.2021 | Pair testing | 2 |
| Joe Black | 13.02.2021 | Smoke test automation | 2 |
| Joe Black | 17.02.2021 | Defect reporting | 3 |
| Jim White | 11.02.2021 | Code review | 3 |
| Jim White | 12.02.2021 | Pair testing | 4 |
| Joe Black | 09.02.2021 | Test cases creation | 6 |
| Joe Black | 16.02.2021 | Pair testing | 4 |
| Joe Black | 18.02.2021 | Defect reporting | 4 |
| Joe Black | 19.02.2021 | Test result reporting | 3 |
| Jim White | 10.02.2021 | Code review | 1 |
| Mark | 17.02.2021 | Pair testing | 6 |
| John | 17.02.2021 | Pair testing | 3 |
| Mark | 09.02.2021 | Code review | 2 |
| John | 19.02.2021 | Test cases creation | 2 |
| Jim White | 17.02.2021 | Pair testing | 5 |
| Mark | 17.02.2021 | Pair testing | 4 |
| Mark | 09.02.2021 | Code review | 2 |
| Mark | 17.02.2021 | Pair testing | 3 |
| Mark | 09.02.2021 | Code review | 1 |
| Mark | 09.02.2021 | Pair testing | 4 |
| Jim White | 09.02.2021 | Pair testing | 3 |
| John | 12.02.2021 | Test cases creation | 8 |
| Jim White | 10.02.2021 | Code review | 2 |
| Jim White | 12.02.2021 | Pair testing | 4 |
| John | 15.02.2021 | Test cases creation | 4 |
| John | 16.02.2021 | Pair testing | 5 |
| John | 16.02.2021 | Smoke test automation | 2 |
| John | 21.02.2021 | Defect reporting | 3 |

# New defects statistics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **Severity** | | | |
| **Status** | **Quantity** | **Low** | **Medium** | **Major** | **Critical** |
| Submitted | 17 | 3 | 3 | 6 | 5 |
| Fixed | 12 | 0 | 0 | 4 | 4 |
| Verified | 9 | 0 | 0 | 4 | 4 |
| Reopened | 2 | 0 | 0 | 1 | 1 |
| Declined | 2 | 0 | 0 | 1 | 1 |

# New defects list

|  |  |  |
| --- | --- | --- |
| **ID** | **Severity** | **Summary** |
| UR-1.1 | Critical | Run app with missing mandatory parameter [HtmlOutputFileName] with optional [StartingDirectoryN]. |
| QA-1.3 | Major | App throws unhandled exception when trying to access broken .wma file. |
| *And so on for all the 17 submitted defects* | | |

# Overall defects statistics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **Severity** | | | |
| **Status** | **Quantity** | **Low** | **Medium** | **Major** | **Critical** |
| Submitted | 34 | 5 | 18 | 8 | 3 |
| Fixed | 25 | 3 | 12 | 7 | 3 |
| Verified | 17 | 0 | 7 | 7 | 3 |
| Reopened | 1 | 0 | 0 | 1 | 0 |
| Declined | 4 | 0 | 3 | 1 | 0 |

# Recommendations

No significant changes are needed at the current moment.

# Attachments

Metrics through time changes: