Braille in DAISY Pipeline 2

Test report

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1. Introduction

The test report is created by the Test Manager and contains information on the perceived quality results from the performed system and acceptance tests.

1. Recommendation
   1. Test summary for Sprint\_2, WK32.4 – 34.4

The below tables depict the planned sprint features to be tested, relevant agencies to perform testing, agencies that actually performed testing, test data submission, and the test results.

|  |  |  |
| --- | --- | --- |
| Feature Testing | Planned agencies | Actual agencies |
| 4.3:34 | DK, NL, FI, SE, NO | DE, DK, NL, NO, SE |
| 4.3:37 | DE, DK, NO | DE, DK |
| 4.3.41 | FI, DK, NO, SE, DE, NL | DE, DK, NL,SE |
| 4.4:46 | DE, SE | DE, SE |
| 4.4:47 | DE, SE | DE, SE |
| 4.4:51 | DE, SE | DE, SE |
| 4.4:52 | DE, SE | DE, SE |
| 4.4:53 | DE, SE | DE, SE |
| 4.4:54 | NL, NO | - |
| 4.4:55 | DE, DK, NO | DE, DK |
| 4.4:74,75 | - | - |

*\*\* Green/Red text indicates a Pass/Fail test case verdict.*

|  |  |  |
| --- | --- | --- |
| Test Data | Sprint\_1 | Sprint\_2 |
| 4.3:34 | DE, DK, FI, NO, SE | NL, SE |
| 4.3:37 | DE, DK | NO |
| 4.3.41 | DE, DK, NO, SE | FI, NL, SE |
| 4.4:46,47,51,52,53 |  | DE, SE |
| 4.4:54 |  | NO |
| 4.4:55 |  | DE, NO |
| 4.4:74,75 |  |  |

The initial sprint plan included features 4.4:74 and 4.4:75, but these were later down prioritized due to the need for finalizing the requirements, updating the specification and implementation based on the Finnish agency requirements.

Based on the lacking sprint results and the following sprint review meeting in week WK35.4, the recommendation is to maintain the sprint length and balance the work and tasks for next sprint, *Sprint\_3*, including necessary development efforts, software build efforts, test server preparation, test data generation and testing efforts.

* 1. Approval criteria

The following criteria should have been reached in order to consider the system test complete:

* All planned test cases executed
* At least one iteration of defects corrected by the developers
* No critical defects open
* The testing has covered 100% of the requirements in scope
* There shall be a system test protocol written

1. Test Execution
   1. Summary
   2. System Testing

The test server and software was uploaded and ready on the final day of the sprint, WK34.4, and system testing was hence formally initiated late on the last day of the sprint causing delays in executing and reporting test results.

The system testing was performed mainly by DE, DK, NO and SE. Remaining agencies were unable to initiate tests and verify test results due to the mentioned delay, vacation schedules and/or missing test data.

* 1. Acceptance Testing

Acceptance tests were out of scope due to the limited test execution across agencies.

1. Defects
   1. Found defects and severity level

The column indicating ‘**# Open defects**’ are known and unresolved defects within the actual sprint.

|  |  |  |
| --- | --- | --- |
| Severity | # Found defects | # Open defects |
| 1 (Critical) | 6 | 6 |
| 2 (High) | 0 | 0 |
| 3 (Medium) | 4 | 4 |
| 4 (Low) | 0 | 0 |
| Total | **10** | **10** |

* 1. Open defects

The following defects are unresolved and found during testing. Severity 1 defects require a fix and action plan.

|  |  |  |  |
| --- | --- | --- | --- |
| ID\*\* | Severity | Title | Comments/Action |
| 2.1 | 3 | DK: Marking of capital letters cause mistranslations (4.3:37) | Marking of capital letters is generally not used at Nota (beyond acronyms and Roman numerals), so we must be able to disable this feature. Special inline markup (emphasis, acronyms) is not supported, it seems. However, I believe this is part of another requirement, so I have not taken these features into account here. |
| 2.2 | 3 | DK: Hyphenation errors for Grade-1 and Grade-2 (4.3:41) | To be re-tested in Sprint\_3 |
| 2.3 | 3 | DK: The final newline in the paragraph is ignored when the CSS property is set to 'pre-wrap'. (4.4:55) | The same newline forces a break (as expected) when the property is set to 'pre-line'. Otherwise 'pre-wrap' and 'pre-line' works as this tester would expect them to work. I note that neither property is automatically applied to the <pre> element; maybe this should be in the default stylesheet?  To be re-tested in Sprint\_3 |
| 2.4 | 3 | NO: Minor errors in sami, old norse and diacritics.  Preceding emptyline not working. (4.3:34) | Preceding emptyline layout thing?  Acronyms and emphasis untested. |
| 2.5 | 1 | SE: No hyphenation: no word has been hyphenated, words are simple cut when row is finished. (4.3:41) | Fix and re-test for Sprint\_3 |
| 2.6 | 1 | SE:  4.4.46: We cannot make the CSS work.  4.4.47: No borders, although we tried to make the CSS work. Padding: preceeding empty line before parapraphs that should have only indentation.  4.4.52: We have not succeeded in testing centered and right aligned text.  4.4.53: We have not succeeded in testing vertical position. | Fix and re-test for Sprint\_3 |
| 2.7 | 1 | DE: Job does not end (Running ...). No output for 4.3:34, 37, 41. | Fix and re-test for Sprint\_3 |
| 2.8 | 1 | DE: Job does not end (Running ...). No output. | Fix and re-test for Sprint\_3 |
| 2.9 | 1 | DE:  4.4:47: css-specifications for border-top and border-bottom are ignored (no border in the output) / css-specifications for padding-right and margin-right are ignored 4.4:52: left-aligned text is not completely left (wrong indent of 2 cells); centered is ok, right-aligned is ok | Fix and re-test for Sprint\_3 |
| 2.10 | 1 | DE: No double spaces in the output (4.4:55) | Fix and re-test for Sprint\_3 |
|  |  |  |  |

*\*\*ID (sprint index, defect index).*

1. Test Manager Comments

Test server, software builds and supporting system functionality issues are critical and need to be resolved prior to initiating, or during, the next sprint.

Test data collection and test execution should be further improved and followed through by the team based on the sprint plan and team commitment.

Sprint planning, team delivery and workload needs to be further balanced, aligned and improved.

The communication between testers, test manager, developers and scrum master needs to be improved in order to better align expectations and deliver the sprint commitments.