Braille in DAISY Pipeline 2

Test plan

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1. Introduction

The general Test plan document is maintained by the Test manager and contains information on what, how, when, and by whom the relevant tests should be performed. The Test plan aligns with the Project plan and is based on the original Test strategy.

Test scope, tasks and resource allocations are then decided on a per sprint basis.

1. Goal
   1. System Testing

The goal of the end-to-end system test is to verify that the functionality is working according to and towards the defined requirements on system level.

* + 1. Entry Criteria

The following criteria should be met in order to start the System testing:

* There is a release note that defines the content of the delivery
* There is a unit/function test protocol for the delivery
* No critical defects open from the unit/function test phase
* The test server environment is configured and ready
* All necessary test data is available
  + 1. Completion criteria

The following criteria should be reached in order to consider the System test complete:

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

1. Scope

The relevant test objects, test levels, test types, features and requirements are referenced in the Test strategy document.

The test cases and features in scope per sprint will be described and referenced in the Test protocol document.

1. Test strategy

The test types and test levels are described in the Test strategy document.

1. Time plan, 2015

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| --- | --- | --- |
| Timing | Test activity | Mile Stone |
| Jul, Aug, Sep | UT, RT, ST, AT (Priority 1 & 2 features) | MS 3, Phase 2 |
| Oct, Nov | UT, RT, ST, AT (Priority 3 features) | MS 4, Phase 3 |
| Dec | Planned End of project | MS 5 |

\*\*Unit Test (UT), Regression Test (RT), System Test (ST), Acceptance Test (AT)

1. Roles and responsibilities

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| --- | --- | --- |
| Role | Responsibility | Reports to |
| Test manager | Creates test plan. Writes test cases. Coordinates tests and reports progress and results. | Project manager |
| Tester | Creates test data. Writes test cases. Refines requirements. Does system testing. | Test manager |
| Developer | Performs unit testing. Refines requirements. Fixes and re-tests issues. | Test manager  Scrum master |

1. Resource plan

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| --- | --- | --- |
| Test resource | Availability | Timeline |
| Mischa Künzle | 40 % | MS 3, MS 4, MS 5 |
| Davy Kager | 40 % | MS 3, MS 4, MS 5 |
| Kari Rudjord | 20 – 40 % | MS 3, MS 4, MS 5 |
| Steffen Skaarup | 20 % | MS 3, MS 4, MS 5 |
| Päivi Suhonen | 10 % | MS 3, MS 4, MS 5 |
| Jens Chreisti | 10 % | MS 3, MS 4, MS 5 |

1. Defect management

Defects will be managed between developers and testers during development, based on feedback in team meetings and the system test protocol. Tools for defect management are not in place at this point in time.

1. Reporting and documentation

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| Document | Responsible | Delivered to |
| Test plan | Test manager | Project manager |
| Test protocol, Test case | Test manager, Tester | Project manager |
| Test report | Test manager | Project manager |