Master Test Plan

Enter the statement numbers under the appropriate heading below to make the master test plan.

Introduction

Features to be tested

Features not to be tested

Overall schedule and budget

Relationships to other organizational units and deliverables

Test levels

Entry and exit criteria

Overall governance of the testing effort

The following are statements that belong in the master test plan.

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| 1. Exit criteria are: | 2. It must be within budget. | 3. It must be within one year. |
| 4. The accuracy of the calculations should be tested. | 5. Short progress reports are delivered to management. | 6. A level test plan will be written for each of these. |
| 7. The performance of the data transmission should be tested. | 8. This is a plan for the test of the ABC-fertilizer system. | 9. The test object that is tested is “The ABC-Fertilizer system”. |
| 10. There is a budget for necessary tools and devices of 2,000 Euros. | 11. The usability of the user interface for the farmer should be tested. | 12. A test summary report is delivered to management, at the end of the project. |
| 13. Incident reports should be delivered to developers (using XYZ-bug tracking tool) | 14. Test procedures and test logs are archived so public authorities can check them. | 15. The interface to the sprayer should be tested to ensure correct data transmission. |
| 16. Incident reports are given one of three severity levels (high, medium, low). | 17. This test project covers system test, system integration test, and acceptance test. | 18. Status reports are received from and delivered to development (via the project manager). |
| 19. Please note that the sprayer is not going to be tested in this test project, but only the integration to the sprayer. | 20. It should be tested that there is no environmental risk (fertilizer concentrations too high) – which is a safety risk. | 21. There may be no outstanding defects with severity high, at most two of medium severity, and a maximum of 40 of low severity. |
| 22. Performance in general is not an issue and therefore the only performance test is the performance of the data transfer to the sprayer. | 23. Because the range of the radio connection between the system and the sprayer is so short, security testing will not be performed. | 24. The project will need a simulator of the sprayer and will use the one supplied from the company supplying the sprayer – this simulator will not be tested. |
| 25. Detailed information about the system can be found in the latest version of “Requirements Specification for the ABC-Fertilizer System”. This plan is based on version 0.8. | 26. The test manager is responsible for the success of the test project. | 27. The Test Manager can request resources from the project manager. He appoints from those resources assistant test managers for each level. |
| 28. The development project has 30 developers for one year. | 29. The test project has 5 testers for the first 6 months and 15 testers for the last 6 months. | 30. The test manager is assigned to this project for the full development period. |
| 31. The ABC-fertilizer system calculates very precisely how much fertilizer should be spread on a field to give optimal yield and at the same time protect the environment. When the system has calculated the amount of fertilizer for each square meter of the field the output is sent to the sprayer. The sprayer (which is coupled to a navigator) can now deliver the correct dose all over the field. | | |

System Level Test Plan

Work Break Down Structure

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| Process | Activity | Working days |
| Analysis |  |  |
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| Design |  |  |
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| Implementation |  |  |
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| Execution |  |  |
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| Plan |  |  |
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| Control |  |  |
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| Unforeseen tasks |  |  |

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| Process | Activity | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Total |
| Analysis |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Implementation |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Execution |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Plan |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Control |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Unforeseen tasks |  |  |  |  |  |  |  |  |  |  |  |  |  |
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