

Detailed DRFT Test Estimate v1 Worksheet 4

QA Group Estimate :

| | QA Activities | Effort (Man hours) | Comments/Remarks |
|----------------|---|--------------------|---|
| | | | |
| | Test case design Phase | | |
| | Existing application familiarization /Orientation/KT for the team | 3 | |
| | Requirement Analysis | 5 | |
| | Test Plan / Test Strategy | 5 | |
| | Test Environment setup | 10 | |
| | Ad hoc testing | 10 | |
| Functional | Test case development including Peer review and updates | 30 | |
| Non Functional | Test case development and execution | 10 | |
| | Test lead/Coordination/status reporting efforts | 6 | Industry standard 10% |
| | | | |
| | Total Design Efforts | 79 | |
| | | | |
| | Execution | | |
| | | | |
| | Test execution (Cycle 1) | 40 | |
| | Defect logging (Cycle 1) | 1 | |
| | Test execution (Cycle 2) | 40 | |
| | Defect logging (Cycle 2) | 8 | |
| | Final defect round to meet exit criteria | 81 | Assumed 3 days approx for defect testing by 3 resources. Any pending open defects based on exit criteria and stability of the product |
| | Sub total Execution effort | 170 | |
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| | Test lead/coordination effort | 5 | Industry standard 10% |

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|--|----------------------------------|------------|---|
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| | Total Execution Efforts | 175 | |
| | Contingency factor 25% | 64 | since its highlevel and not full scope known on scenarios etc, Hence considered 25% as per TCOE process |
| | Post Production support | 40 | |
| | Training to support team | 30 | Exporting test cases report to excel and preparing documents. |
| | Total Efforts (hours) | 388 | |
| | Total Efforts in Man days | 48 | Assumed 9 hours/ day but actual productivity on testing excluding status calls, meetings, discussions, etc considered 8 hours/day |
| | | | |

Other parameters considered

Show stopper defects with temporary fix using which continuation of test execution and the same need to be re tested when it arrives in the build.

Any Showstopper bugs need to be addressed immediately to the development team by simulating in front of the development team

Performing a smoke test for that feature once the next QC build arrives to ensure no critical bugs because of code change

At times, development team may need QC team to simulate the bug as it may not arise in development environment which needs additional effort