



Sielox's Commitment to Quality - Addendum

QCCK-6 - Integration Tests

During product development, components are integrated to build the final project in multiple iterations as the implemented components become available. In situations where several engineers work on a single component or interdependent components, one of these engineers is responsible for leading the integration effort. This integration results in a series of builds or prototypes. During the Implementation Phase, engineers execute integration tests to identify defects involving the interaction of collaborating components. These tests determine the compatibility of the components integrated by validating their communication interfaces. Integration tests are successfully completed when they pass the minimum exit criterion mutually agreed upon by the project manager and the test manager. An Integration Test Summary artifact is produced at this stage. This quality control checkpoint completes the implementation process and the project moves on to the Test Process.

PMCK-10 - All Tests Executed

The project enters QA Test after successfully passing the integration tests. Test cases, which have been defined, documented and reviewed, are executed during QA Test. The shrink-wrapped system is installed in the test environment. Test cases are executed on the system either manually or with the help of automation tools. Project documentation review is an integral part of the tests. All identified defects are tracked in an issue tracking system. These tests are iterated until the system has reached a stable state. At this state, all critical, high, and other defects are fixed conforming to the exit criteria decided by the project team. A QA Test Results artifact is produced in this phase. This project milestone checkpoint determines readiness for the next phase, Beta Test.