

Overview

This standard covers the skills and knowledge required to plan and conduct acceptance testing as part of the testing process whereby clients will determine whether to accept the software application / system.

Performance criteria

You must be able to:

1. Review system requirements documentation to identify the criteria for system acceptance
2. Develop the test plan based on system requirements to provide full test coverage
3. Review and validate the test plan based on mandatory criteria, conditions, system objectives and requirements
4. Communicate the test plan to the client and agree arrangements for conducting the acceptance tests
5. Notify appropriate client representatives and testing team members of the scheduled acceptance test
6. Prepare the test environment for client acceptance testing in line with organisational standards
7. Perform acceptance testing according to the test plan and organisational procedures
8. Execute each test cycle with the client representative acting with a user persona and using representative user data
9. Validate acceptance test results against expected results
10. Provide client with test result information
11. Confirm client approval and obtain sign-off to accept system

Knowledge and understanding

You need to know and understand:

1. The role of user acceptance testing in gaining confirmation of client acceptance of the software application being developed and implemented
2. That the client user requirements are used to specify the acceptance criteria for the software system sign off by the client
3. How to develop a test plan that sets out the activities and timing of user acceptance testing
4. How to prepare test environments for client use
5. The different tests that can be incorporated into user acceptance testing and how to apply these
6. The need to test the system by adopting a user persona
7. The need to test the system using representative user data
8. How to establish and document the expected results for each test that is undertaken as part of user acceptance testing
9. How to compare the actual and expected results and identify any anomalies
10. The need to recommend code modifications to the client to meet the acceptance criteria
11. The need to confirm client approval of the software system and obtain sign-off as a milestone in confirming software system delivery

Develop and conduct user acceptance tests

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