

User Acceptance Testing

SQS-UAT

2 days



Course Overview

A two day course.

User acceptance testing is the critical final quality gate before a system is implemented. It is the responsibility of the user acceptance test team to ensure that not only does the system meet the business objectives, but that all previous testing phases have been carried out so that the business can be confident that the system will deliver what is required.

This course explains to attendees the context of user acceptance testing, how the test process integrates with the system development life cycle and the critical role that user acceptance testing fulfils. This course also prepares attendees in how to plan and create tests for user acceptance testing.

With an emphasis on putting theory into practice, this course is highly practical. Following the test process described on this course, attendees will produce test conditions, test cases and test procedures using a case study over the two day period.

Course Objectives

On completion of this course, attendees will:

- Understand the role of user acceptance testing in the system development life cycle and its benefits to the organisation
- Understand the purpose of entry and exit criteria for user acceptance testing
- Understand the process of scoping, writing and executing tests
- Be able to write effective tests from user requirements and specifications
- Understand the process of recording and reporting test results
- Be able to record defects found in software systems
- Be aware of test management issues with regards to user acceptance testing

Who should attend?

Anyone involved with creating or running user acceptance tests. Anyone wishing to understand the role of user acceptance testing within the systems development life cycle.

Prerequisites

There are no specific prerequisites for this course, however, attendees with no previous experience may wish to consider the SQS course Testing Basics or the SQS ISTQB Certified Tester Foundation Level course prior to attending this course.

Related Certifications

None

Recommended Follow-on Courses

After completing this course attendees may consider Requirements Testing to understand how to test requirements; Applied Testing Techniques to explore test design in greater depth; Test Planning, Test Estimation and User Acceptance Test Management to further their test management skills, and the ISTQB Certified Tester Foundation Level if they have not already taken it.



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Course Outline

This two day course covers the following:

Introduction to user acceptance testing

- The purpose of user acceptance testing
- What is testing?
- Why is testing necessary?
- Testing principles
- The activities of a UAT tester
- Skill sets of UAT testers

Risk-based testing

- Defining risks
- Risk management

The system development life cycle

- System development life cycle models
- Test levels
- The test basis
- Entry and exit criteria

The user acceptance testing process

- Test planning, reporting and control
- Test specification
- Test execution
- Test environment
- Evaluating exit criteria and reporting
- Test closure activities

Static testing

- What is a review?
- What can be reviewed
- Types of review
- Success factors for reviews
- Requirements testing

Test analysis

- Test conditions
- Creating effective test conditions
- Traceability

Test design

- Test cases
- Using test design techniques

Test implementation

- Test procedures
- Test data

Test execution

- Recording results
- Raising defects

Evaluating exit criteria and reporting

- Evaluating exit criteria
- The test reporting

Test closure

- Administrative closure
- Lessons learned
- The UAT completion report

