

## User Acceptance Testing

Course ID: UAT-2

Duration: 2 days

Certification: N/A

Exam: N/A

### Summary / Objectives

QA-IQ's User Acceptance Testing course offers training in the methods and procedures required by staff who are engaged in the key user acceptance phase of an IT project. With the increasing emphasis on the involvement of user staff in the sign-off of systems into production, it is now essential to make sure that they are equipped with the concepts, background, and formal techniques that facilitate this. This course enables business users to ensure that the system developed meets specified business requirements and is 'fit for purpose'. No technical background is assumed.

Interspersed with lecture sessions, delegates work in teams to practice the techniques covered. Working from sample business system documents, delegates identify acceptance criteria and test conditions, perform risk assessment, create test scripts and carry out reviews of the results.

### Course content

#### Principles of Testing

Definitions of testing; Problems/limitations of the testing process; Principles of testing approaches to minimise problems

#### Test Strategy

Levels of testing which may be used, and objectives of each; Categories of conditions which must be tested; The Strategy Matrix

#### Reviewing Requirements

How to review requirements for classification, testability, risk, granularity and conflict

#### Risk Assessment

Business risks defined; Factors contributing to risk; Assessing risk

#### User Acceptance Criteria

Defining user acceptance criteria based on requirements; How user acceptance criteria will be used; How to formulate and word the criteria; Ensuring all aspects of user acceptability are covered; The use of checklists

#### Identifying Test Conditions for User Acceptance Testing

Definition of the test condition; Methods of deriving test conditions; Reviewing for completeness, clarity and balance

#### Test Cases and Test Scripts

Definition of the test case; Base data and input data; Sources of data; How to specify test cases as a test script; How to assess test coverage

#### Reviewing Test Specifications

The need to review test specifications; Criteria for quality user acceptance test specifications; Desk checking, informal review and structured walkthroughs

### **Pre-Requisites**

- Business users who will be involved in testing that a system meets the agreed business requirements.
- Delegates should ideally have a broad understanding of the principles of IT.

### **Skills**

- understand the principles/strategies of testing
- define user acceptance criteria and their place in testing
- identify test conditions and assess risk
- produce test data and test scripts
- review test plans
- carry out testing in a structured, practical and cost effective manner.

### **Extra Information**

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