

Practical Test Planning



2 days

QBIT's qualification in the practical planning, estimating, scheduling, monitoring and control skills used daily by senior testers.

The practical work includes real-world constraints such as limited time and imperfect documentation.

The second course in QBIT's series focusing on realworld testing techniques provides the high-level planning, estimating, scheduling, monitoring and control skills used daily by senior testers.

The course is ideal for testers wishing to develop their career and aspiring to leadership. It focuses on, teaches, develops and requires delegates to perform practical tasks typical of the work of the Test Team Leader.

The course enables the delegate to plan and schedule small testing projects, as part of an organisations higher level test plan. Developing skills and confidence in these tactical projects prepares the delegate for future management-level test strategy. Combining analytical and team responsibility skills, the course also gives the delegate a clearer perspective of where their career could go. The emphasis is very much on the professional tester with more than just test design skills.

Objectives:

- understand all the key issues to be able to plan, schedule and progress software testing
- be aware of the applicable standards and how they may be used
- be able to create test plans, estimate the resources required, schedule the creation and running of tests and provide the necessary periodic reports
- gain a qualification which signifies that you have moved beyond analysing and executing software testing and are ready to take responsibility for controlling a testing project

Recommended for:

Anyone planning, schedule and monitor the execution of tests. Some experience of testing is assumed

Key points:

Introduction

The testing strategy as a basis for the test plan; the test plan; test analysis and the identification of test conditions; test design and the use of a formal test case. The various standards that can be used; the importance of planning; the two successful planning techniques PERT and NETWORK; critical path analysis; deliverables oriented planning; constraints and units to be considered while making the plan; ensuring traceability; the check list approach. Planning what to test; setting test objectives; identifying test criteria; prioritising tests.

Estimating

Basic rules and methods; use of function points by project planners; use of metrics by testers; the matrix approach; aggregating estimates to produce resource requirements; the problem of the iterative nature of testing.

Scheduling and Activity Specification

Allocation of resources to planned work; the problem of elapsed time against actual effort time; the iterative nature of scheduling; re-scheduling the re-testing and regression testing work; specification of the actual testing work; matching the skills to the required tasks, roles and responsibilities; the use of the assignment procedure; implementing the schedule in the real world.

Monitoring the Work and Quality Control

The monitoring of test analysis with the identification of the test conditions; test design with the creation of the test scripts and then the test execution with the actual results of empirical tests run; progressing the work and reporting status; the 90% done syndrome; the focus on deliverables; monitoring where the time goes; corrective action; activity analysis; controlling unproductive time; controlling poor quality; the dependence on change management and configuration control; compliance with standards; the periodic progress review.

Course fee:

£799 + VAT

For further information contact us on +44 (0)20 7014 8900 or training.uk@sogeti.com. For details of current special offers visit www.sogeti-training.co.uk.

For a copy of the full ISTQB syllabus please contact Sogeti Training.



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