

Test Planning

1 Day



Course Overview

The Test Planning course recognises that a hierarchy of test plans can be created for a project. These can be for the project itself, static testing, structural testing, functional testing, non-functional testing, a test phase, or even at software release level.

A test plan is constructed within the framework of the corporate test strategy whilst addressing the project risks to be contained.

We refer to the international standard IEEE 829:1998 to identify the format of a test plan and consider the content under each heading with reference to the granularity of the plan and the project risk. We shall discuss the impact on test planning and estimation from the selection of different methodologies and techniques.

We discuss the option of outsourcing test activities and finally the requirements of a test management system to facilitate the monitoring and control of the testing process.

Course Objectives

- To understand the creation of high-level and low-level test plans in line with a test strategy;
- to discuss the test phases, test stages and test activities to be included in the test plan, and their interdependencies;
- to identify the content of the test plan documentation;
- to discuss the impact of different methodologies on the test plan;
- to understand the issues related to the outsourcing of testing activities; and
- to discuss the requirements for a test management system.

Who Should Attend?

This course is intended for those who will be involved in the creation of test plans for the complete SDLC or any stage within it.

Syllabus – Key points

Test planning:

- role of management;
- testing responsibilities;
- organisation and composition of the team;
- independence in testing;
- communication;
- test phases, levels, stages and activities;
- test plan documentation (IEEE 829:1998);
- test plan hierarchy;
- choosing methodology;
- traditional and agile methodologies compared;
- entry and exit criteria;
- test depth and risk;
- environmental needs;
- generic test process;
- impact of agile methodologies; and estimation.

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Outsourcing;

- types of outsourcing;
- advantages and disadvantages; and contract.

Requirements for a test management system:

- the management information needed to enable the test process to be successfully managed, including the use of proprietary and non-proprietary testing support tools;
- contents of the repository;
- supported processes; and platforms and links to other tools.

Discussion points:

- Concluding the presentation of each of the key points, there is an informal discussion where delegates may further explore the issues raised.

About tsg

The innovative Testing Consultancy that works with you to solve problems and help achieve your corporate objectives and maximize the return on investment made in people, process and tools in three key, linked areas:

Learning & Development

- ISEB and ISTQB certification training in the classroom, and online over the Internet through Learntesting™;

Co-sourcing

- Working in partnership with companies to deliver business as usual, coupled and aligned with a programme of maturity to reach an agreed goal over a period of time.

Measurement & Improvement

- Providing the right basis for measurable and quantifiable improvement.