



Requirements Verification

Duration: 1 day

Course Overview

Traditional courses examining requirements quality and static testing introduce reviews as a method for detecting defects. This course looks at techniques for effectively capturing defects without involving as many people as formal reviews. These techniques are easier to organise, rely on fewer people and can empower a single team (for example requirements engineers or software testers) to detect defects. The techniques are therefore cost effective as well as easier to schedule.

Who should attend?

This course is suitable for anyone who works with requirements and wants to ensure the quality of those requirements.

Prerequisites & pre-reading guidelines

There are no prerequisites for this course. Previous experience in the software development lifecycle is recommended.

How certification is earned

Delegates who complete the course will receive an Expleo certificate.

Course Objectives

By the end of the course attendees will be able to:

- Identify and assess requirements quality
- Use several techniques to capture defects in requirements
- Measure quality improvement to requirements
- Present an assessment of quality and the improvement of quality to management

Context

Requirements Verification is a workshop investigating different techniques for measuring and improving the quality of requirements. It investigates the techniques that rely on a smaller group of stakeholders than traditional reviews.

Related courses

Other courses connected to Requirements Verification and investigating associated techniques and principles:

- ISTQB Foundation in Software Testing
- BCS Certificate in Requirements Engineering

Course Outline

Requirements and Quality

- Different Types of Requirements
- The importance of quality
- Early Defect Detection

Types of defects and their detection

- Functional and Non-functional defects in requirements

Value of quality in requirements

- The cost model of quality and defect detection

Overview of reviews

- Strengths and weaknesses of reviews
- Informal reviews
- Walkthroughs
- Technical reviews
- Inspections
- Exercise – applying reviews.

Reading techniques

- Introduction to the technique
- Exercise – applying Reading Techniques
- Comparison with Reviews

Requirements testing

- Introduction to the technique
- Exercise – applying Requirements testing
- Comparison with previous techniques

Early test Design

- Introduction to the technique
- Exercise – applying Early Test Design
- Comparison with previous techniques

Contact

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