

ISTQB Agile Testing

Duration: 2 Days

Description

The Agile Testing Foundation course is suitable for those who are, or expect to be, working on agile projects. It is aimed at those who seek a practical application of the core software testing material covered at ISTQB Foundation level to agile projects.

This course is also appropriate for anyone who wants a deeper understanding of agile development that specifically contains coverage of the options for including software testing as an integrated part of the agile development approach. This includes Scrum Masters, project managers, release managers, quality managers, software development managers, business analysts and management consultants.

After successfully completing the course, delegates should be able to:

- understand the basis of the agile approach
- combine test activities to create the test process for an agile project
- understand and contribute to those activities that are characteristic of agile projects
- participate in release and iteration planning on an agile project
- organize and perform testing on agile projects
- suggest improvements to both the development and testing on an ongoing agile project
- understand the complexities that are inherent in larger agile projects

Outline

Agile Software Development

- Agile Thinking
- Agile Methodologies (Scrum, XP, Kanban vb.)
- Comparison of Agile and Traditional Models (Agile vs Sequential Models)
- Scrum Framework (Artifacts, Roles and Meetings)
- Test Role in Agile Projects
- Agile Test Methodologies, Techniques and Tools
- Agile Thinking

- Agile Methodologies (Scrum, XP, Kanban vb.)
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Agile Test Methodologies, Techniques and Tools

- Test Levels and Types
- Story, Task and Acceptance Criteria
- Test-Driven Development, Acceptance Test-Driven Development, Behavior-Driven Development
- Risk Based Effort Estimation
- Release ve Sprint Management
- Testing Quadrant
- Principles, Best Practices ve Realities

Agile Engineering Practises

- Test and Defect Management
- Collaboration Tools
- Configuration and Release Management
- Continuous Integration / Delivery / DevOps
- Test Automation in Continuous Integration (aka Delivery Pipeline)
- Performance Tests and Static Code Analysis
- Cloud Integration
- Industrial Practices