SpiralTrain
developer courses

Requirements with Use Cases

Audience Requirements with Use Cases Course
The course Requirements with Use Cases is intended for system analysts and developers who want to learn how the functional requirements of systems can be specified with Use Cases.

Prerequisites Course Requirements with Use Cases
There are no specific prerequisites for the course Requirements with Use Cases. General knowledge of system development is desirable for a proper understanding.

Realization Training Requirements with Use Cases
The theory is presented in the form of presentation slides. Brief case studies are used to practice the techniques. Demo projects clarify the discussed concepts. The course material is in English. The course times are from 9.30 up and to 16.30.
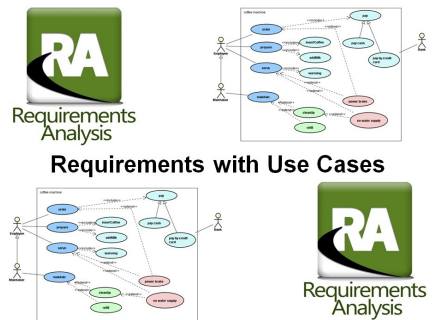
Certification Course Requirements with Use Cases
Participants receive an official certificate Requirements with Use Cases after successful completion of the course.

Duration: 2 days   **Price: € 1299**

Open Schedule

RA
Requirements
Analysis

Requirements with Use Cases

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Content Course Requirements with Use Cases

The course Requirements with Use Cases focuses on Use Case modeling. Use Cases are a widely used analysis technique for specifying the functional requirements of a software system and providing a framework for test case development.

Requirements Intro
The course Requirements with Use Cases starts with a discussion of the different types of requirements such as functional and non-functional requirements.

Use Cases
Next attention is paid to the creation of Use Cases that describe the typical use of a system by external actors. Use Cases are used in communication with stakeholders and to gain insight into the size, complexity and interaction with the system.

Use Case Modeling
Then Use Case Modelling is covered. Not only the description of the Use Cases in a textual document is discussed, but also the visualization of the Use Cases in a Use Case diagram. Attention is also paid to the structuring of the Use Cases through reuse via includes, via extends and via generalizations.

Scenarios
The course Requirements with Use Case shows how a Use Case can be accurately described in a number of steps on the basis of a Use Case template. The focus is mainly on the success scenario but also important secondary scenarios should be specified.

Advanced Use Case Modeling
More advanced techniques in Use Case Modeling are also treated such as using Activity Diagrams with guards, branching Use Cases and using iterations.

Interfaces and Tests
The course Requirements with Use Cases ends with a focus on Use Cases in the context of prototypes, the interfaces of the system and the test plan.

Modules Course Requirements with Use Cases

Module 1 : Requirements	Module 2 : Use Case Intro	Module 3 : Use Case Modeling
Understanding Requirements	Use Case approach	Use Case Modeling
Vision Documents	Identifying stakeholders	Identifying Use Cases
Requirement Types	Use Case terminology	Use Case Diagram
Functional Requirements	Use Cases	Use Case Modeling Steps
Non-Functional Requirements	Identifying Actors	Drawing Use Cases
Requirements Determination	Primary Actor	Describing Use Cases
Requirements Classification	Secondary Actors	High Level Use Cases
Requirements Specification	Define System scope	Expanded Use Case
Conflicting Requirements	System Context Diagram	Use Case Template
Requirements Risks	System Use Case Diagram	Prioritizing Uses Cases
The glossary	Brief Use Case Description	Packaging Use Cases
Module 4 : Scenario's	**Module 5 : Advanced Use Case Modeling**	**Module 6 : Interfaces and Tests**
Main success scenario	Activity Diagramming	Usability requirements
Describing the steps	Guards and Notes	Prototyping
Best Practices use case descriptions	Branching with If	Interface Requirements
Other Scenarios	Alternative Paths	Interface Specifications
Different types of scenarios	Scenarios	Screen Functionality
Alternate scenarios and flows	Structuring Use Case Model	Interfaces in Iteration Plan
Alternate flows and exceptions	Generalizations	Testing Use Case
Alternate scenario description	include and extends	Test Plan