

## Use-Case Modelling

An introductory class on using use-cases for requirements management

**Delivery:** On-site

**Course Length:** 3 days

**Course Approach:** Lecture, discussions, workshops

**Level:** Introductory

### Audience

Requirements Specifiers  
Requirements Managers Business  
Analysts Systems Analysts Project  
Managers Developers  
Testers

### Recommended Prerequisite Courses

None

### Recommended Experience

No experience is necessary

### Related Courses

For students interested in  
continued learning in this field, we  
suggest:

- Advanced Use-Case Modelling
- UML Business Modelling

## Course Description

This 3-day class will equip delegates with skills and techniques necessary to effectively manage, elicit and document their requirements by using use-case based requirements management techniques. Throughout the class, common problems and their solutions will be explored.

As part of the course the delegates will contribute to the construction of a use-case model and author some use cases of their own. Reference examples and exercise solutions are also supplied.

## Objectives

Upon completion of the course, participants will understand:

- how to write use cases
- the fundamentals and principles behind use-case Modelling
- how to capture requirements in a use-case model
- the role of the vision in use-case Modelling
- the role of the supplementary specifications
- how to conduct a use-case Modelling workshop
- how to create a use-case model
- where actors and use-cases come from
- how to write use-case descriptions
- how to manage detail
- how to handle architectural and technical requirements
- how to iteratively develop the use case descriptions
- when and where to use optional features such as include and extend
- how to review the use-case model
- how to drive analysis, design and testing using use case

## Topics Covered

- The Fundamentals of Use-Case Modelling
- Establishing the Vision
- Finding Actors and Use Cases
- Getting Started with a Use-Case Modelling Workshop
- The Lifecycle of a Use Case
- The Structure and Contents of a Use Case
- Writing Use-Case Descriptions
- Managing Detail
- Architectural Requirements and Infrastructure Use Cases
- An Introduction to Use-Case Relationships
- Reviewing Use Cases
- Use of smart tools for sustainable change
- Use Cases Across the Lifecycle

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