# Practical Use Cases Training

Duration: **1 Day**

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## Overview

In this one-day course, we discover the nature of use cases and how to express them in such a way that, collectively, they provide a sound channel for expressing a business system's requirements to all parties involved in its journey from requirement to implementation.

Use Cases are increasingly becoming 'the' way to document the functional requirements of an enterprise - both at business and at system level. Essentially, they can be seen as an exercise in prose writing and, as such, can be undermined by ambiguity, incompleteness and unsuitable language. It is unlikely that any practitioner will ever produce the 'perfect' use case while under the sort of pressures we find on projects but it is important to understand what constitutes an effective one.

This course takes a highly practical approach to the challenge.

## Prerequisites

There are no prerequisites for this course, although a familiarity with the UML will be an advantage.

## What You Will Learn

Delegates will learn how to:

- explain the term 'Use Case'
- identify Use Case actors and their goals
- create an initial Use Case diagram to clarify scope
- elaborate Use Cases incrementally
- refactor Use Cases for de-duplication
- communicate requirements effectively
- ensure value is delivered throughout the process

## Outline

**Goals**

- Use Case as a contract
- The importance of Use Cases
- Use Case levels

**Precision and Accuracy**

- Breadth before depth
- an approach to elaborating Use Cases

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- actors and other stakeholders

### Use Case Diagram

- Clarifying scope
- Clarifying requirements
- Effective communication and engagement
- Summary level diagrams
- User level diagrams
- Composition and decomposition
- UML

### Naming Use Cases

- Verb-noun phrase
- Clarity of communication
- Use Cases and data
- Use Case Brief

### Casual or Fully Dressed?

- Levels of detail
- Fitness for purpose
- Key information
- Pre- and post-conditions

### Main Success Scenario

- Identifying and naming the happy path
- Simple steps
- Implementation agnostic language

### Extensions

- Alternate and exception scenarios
- Failure conditions and failure handling
- Linking scenarios

### Refactoring

- De-duplicating Use Cases
- Reuse of requirements
- UML stereotyped relationships

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- Updating the diagram
- Iterating

**Packaging the Use Cases**

- Structuring the requirements document

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