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## Use Case Analysis and Modelling (Duration 2 days)

### Overview

The Use Case Analysis and Modelling course is an intensive two day workshop covering the core concepts and elements of the Uses Cases. The course provides a definition of the elements of the Use Cases supported with real life experiences and practical examples of the use of the technique. Course participants will get an opportunity to reinforce the Use Case concepts learnt through a series of instructor lead presentations via practical workshop exercises.

### Learning Objectives

- Gain an understanding of the role and application of Use Cases in business analysis
- Understand the Use Case elements and their graphical representation
- Appreciate the depth and complexity of modelling which can be achieved with Use Case techniques
- Be aware of common mistakes with writing Use Cases

### Course Outline

#### Introduction to Use Cases

- What is a Use Case
- Why do you model using Use Case techniques
- Business process models versus Use Case models
- Where do Use Cases fit in the SDLC
  - Use Cases and other UML techniques
- A brief history of Use Cases
  - Who is responsible for Use Case standards
  - The current version of the Use Case standards

#### Key Elements of Use Cases

- Stakeholders and actors
- Stakeholder goals
  - Goal levels
- Preconditions and triggers
- Scenarios and steps
  - Primary flow
  - Secondary/alternate flows
- Optional use case elements
- Use Case diagrams and models
  - Relationship between Use Cases (Extensions and Inclusions)
- Modelling Guidelines

#### Modelling Use Cases

- Approach to modelling use cases
  - Elicitation techniques
  - Use case workshop
  - Documentation
  - Modelling tools





- Functional analysis using use cases
  - Level of detail
  - Decomposition and sub use cases
- Common Use Case mistakes and how to avoid them

## **Use Case Advanced Techniques**

- Use case quality
- Generalisation
- Boundary between analysis and design
  - Use case realisation
  - Cohesion and coupling
- Use case estimation

## **Public Course**

### **Cost**

\$1540 + GST per person

### **Schedule**

See <http://www.busanalysts.com.au/training/> for specific dates.

## **Group Booking (max 10) we organise a course for your organisation**

### **Cost**

Call/Email for costs (07) 3256 2154 or [info@busanalysts.com.au](mailto:info@busanalysts.com.au)

### **Schedule**

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