

How to Define and Document Use Cases

Instructor-Led, Web-Delivered Duration 2 Sessions

Overview

A business use case diagram is a visual tool that shows interaction between the environment and an evolving information technology solution. A single business use case is a textual tool for representing how individual end-users and other involved parties or systems (collectively referred to as “actors”) will interact with the proposed system. Knowing why you need a business use case, when it should be created, and where to put what information is critical to creating quality functional requirements. Without a common understanding of the purpose and structure of use case diagrams and the business use case document, use cases can quickly become “useless cases”.

This training workshop offers use case training in the basics of use case documentation and business use case diagrams as tools for business systems analysts. It explains the who, what, when, where, why and how of business use cases and use case diagrams.

Note: *This instructor-led course can be delivered in two virtual sessions via the Internet or live your site.*

Target Audience

Business Managers	Project Leaders
Business Analysts	Subject Matter Experts
End Users	

Learning Objectives

Upon completion of this seminar, you will . . .

- Define the evolving role of business systems analysts
- Apply 5 methods for discovering use cases
- Present the transition from business events to use cases
- Illustrate the major components of the use case
- Document proposed user interaction in use cases and use case diagrams
- Structure basic use case information in a use case document
- Use use case diagrams as a scoping tool
- Document scenarios to discover use cases
- Detail the sequence of interaction steps for the most common situation
- Determine how to handle alternate and exception situations
- Write audience-focused use cases
- Apply 5 methods for discovering use cases
- Review and critique use case documents and use case diagrams
- Create and analyze activity diagrams to show use case flow of events

Developed and presented by:



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1 Introduction to Use Cases

What Use is a Use Case?

- Exercise: Introducing Use Case Concepts
- Changing How the Business Works
- Naming Use Cases
- Purpose of a Use Case
 - Details of a Use Case
 - Use of a Use Case

2 Defining Business Use Cases

Building Use Cases

- Of Business Events and Use Cases
- Business Events
 - Determining Event Responses
 - Exercise: Identifying Business Events
 - Exercise: Simple Event Response Table
- From Business Events to Use Cases
- The Role of Actors
 - Naming Actors
 - Finding Actors
 - Exercise: Identifying Actors
- Inside the Use Case
 - Discussion: The Use Case Value Equation
 - Before the Beginning
 - In the End
 - Flow of Events

Identifying Common Elements

- Including Use Cases
- Use Case Extensions
- Extending Use Cases
- On Extensions and Inclusions
- Exercise: Pros and Cons of Inclusions and Extensions
- Inside the Use Case Checklist
- Discussion: What Measures Add Value to a Use Case?
- User Scenarios: A Bottom-Up Approach to Use Cases
- Use Case Scenario Structure: Donald Pays For Insurance
- The Advantage of Scenarios
- Exercise: Bottom-up Use Cases
- Discussion: Pros and Cons of Use Cases

3 Use Case Modeling Techniques

Building Diagrams of Use Cases

- Representing the Actor
- Use Case Diagram Symbols and Rules
- Use Case Diagram Conventions
- Exercise: Drawing a Use Case Diagram
- Advanced Use Case Diagrams
- Modeling Inclusion and Extensions