



Effective Use Case Development

Duration: 2 Days

Course Description

This 2-day course is designed to provide students with intensive, practical training in the concepts of requirements specification through use cases. During the course, the students write at least three non-trivial use cases. At course completion, students will have a comprehensive understanding of use cases, how to write useful and effective use cases, and both their value and limitations in either procedural or object-oriented development lifecycles. This course is compliant with the Business Analyst Book of Knowledge (BABOK).

Audience

Business or system analysts, technical managers, and software developers who wish to learn techniques for capturing requirements for software system development.

Prerequisites

Experience in requirements gathering, or systems analysis is desirable, but not mandatory.

Course Outline

Project failure and success factors

A brief summary of Use Cases

The many dimensions of requirements

- Functional requirements
- Non-functional requirements
- Use cases are not diagrams
- Where do use cases fit?

Dimensions of use case descriptions

- Use cases and traditional specifications
- Why use cases alone are not enough!

Discovering use cases

Writing use case descriptions

- The Three 'C's
- Style and templates
- Scope and presentation format
- Use cases must have goals
- System-level vs. business-level use cases
- Adding exceptions to use cases

The power of “essential” use case descriptions

- Procedural use cases
- State-based use cases

Finding Functional Requirements From Use Cases



Sterlink Training Business Analysis Curriculum

- Using an event analysis model
- Discovering actors & major use cases

The UML Use Case Diagram

- Actors
- Actor-to-use case associations
- Use case-to-use case associations
- <<include>> and <<extend>>
- Generalization
- Does the diagram have value?

Actors

Major mistakes in use case development

- Top Six use case pitfalls and abuses
- Where UML can lead you astray
- Just who should write the use cases?

The role of use cases in testing

- Use cases are directly testable
- Use cases and scenarios
- Scenarios and test cases

CASE tools and use cases

Wrap-up

For more information about this and other offerings

Please contact Sterlink Data Systems at (416) 859-6470 or email us at training@sterlink.ca

Sterlink Data Systems
985 Audley Road South
Ajax, Ontario L1Z 1N6
www.sterlink.ca

