Domain Model: Visualizing Concepts

The domain model provides a visual dictionary of the domain vocabulary and concepts from which to draw inspiration for naming some things in solution design. This course discusses how to identify conceptual classes – real-world concept or thing. This course explains the practical applications of the domain model.

Training Objectives

In groups, participants will be able to create a model of the business domain depicting the business objects that interacts with each other

Individually, the participants will be able to:
1. Identify conceptual classes related to the current iteration requirements.
2. Create a domain model.
3. Distinguish between correct and incorrect attributes.
4. Add specification conceptual classes.
5. Compare conceptual and implementation views.

Target Audience
- Business Architects
- Enterprise Architects
- Anyone who will be involved in creating/maintaining data architecture.

Learning Methodologies
- Interactive Lecture/Demonstration
- Workshops

Topics

I. Domain Models Introduction
II. Visual Dictionary of Abstractions
III. Domain Models and Decomposition
IV. Conceptual Class Identification
V. Strategies to Identify Conceptual Classes
VI. Finding Conceptual Classes with Noun Phrase Identification
VII. Domain Modeling Guidelines
VIII. Modeling the Unreal World
IX. Specification or Description Conceptual Classes
X. UML Notation, Models, and Methods: Multiple Perspectives
XI. Lowering the Representational Gap

Duration 3 day(s)