



section II Analysis

- object-oriented methodology
- object models
- use case modeling
- unified modeling language
- the data dictionary
- the cornucopia case
- portfolio project

Chapter Objectives

When you complete this chapter you will be able to:

- **Differentiate between object-oriented and traditional methodologies**
- **Identify objects and construct an elementary object model**
- **Identify the elements in a use case model**
- **Identify the elements in four of the most common UML models**
- **Define, construct, and maintain data dictionaries**



Object-Oriented Methodology

- **Object-oriented systems analysis and design (OOSAD) evolved to accommodate the increasing popularity of object-oriented programming languages**
- **If you plan to implement your design with object-oriented development tools, you should seriously consider using OOSAD**
- **As the name implies, OOSAD revolves around objects**

