Lecture 5 Use Case

To provide a bird’s eye view (from users) of the system’s functionality

Starting point of UML

Types of use case
  - Overview – high level
  - Essential – minimum
  - Detail – document all info needed for the use case
    - use case description template (next page)
Elements of use case diagram

Actor

Use case

Association

extension

<<extend>>

inclusion

<<include>>

generalization

System

System boundary

Generalization of actors
Generalization of relationship

Typical Use case diagram

More detailed

Concepts:

Base use case
Abstract use case
More examples

Steps:

1. develop problem statement
2. identify major actors
3. identify use cases
4. create use case diagram
5. describe use case
6. perform textual analysis
7. develop base use case descriptions
8. structure use cases
9. prioritize use cases