

20240416 Chapter 3 details

Prerequisites to begin working on a project:

- (0) - Starts with the Problem Definition (what details are desired)
- (a) List of requirements (gathered via user stories)
- (b) Architecture of the Problem

CONCEPT: The earlier a defect occurs in the process and later it is detected, the more costly the problem

UML Usage

→ Only class diagrams will be used for project

- Organize class hierarchy
- - sign is private. + sign is public.
- Generalization relationship - inheritance - triangle to base class
- Association relationship - aggregation - stored as a variable in another class - solid line
 - Full or empty diamond included for composition versus aggregation
 - Composition is most typical; aggregation is different (more like working together)
-
- Object type is not relevant in UML (pointer or not) - only shows up within class card