## 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

- $\rightarrow$  Only class diagrams will be used for project
  - Organize class hierarchy
  - $\bullet$  sign is private. + sign is public.
  - $\bullet$  Generalization relationship inheritance triangle to base class
  - Association relationship aggregation stored as a variable in another class solid line
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