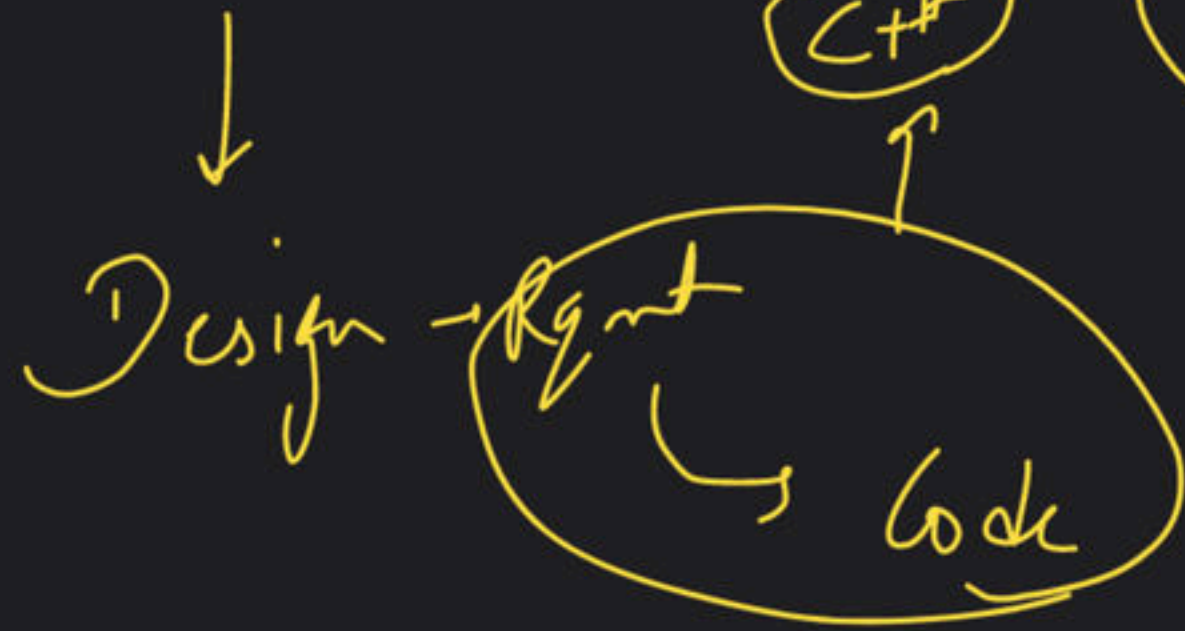


→ Gpam → L-K



Elevator System

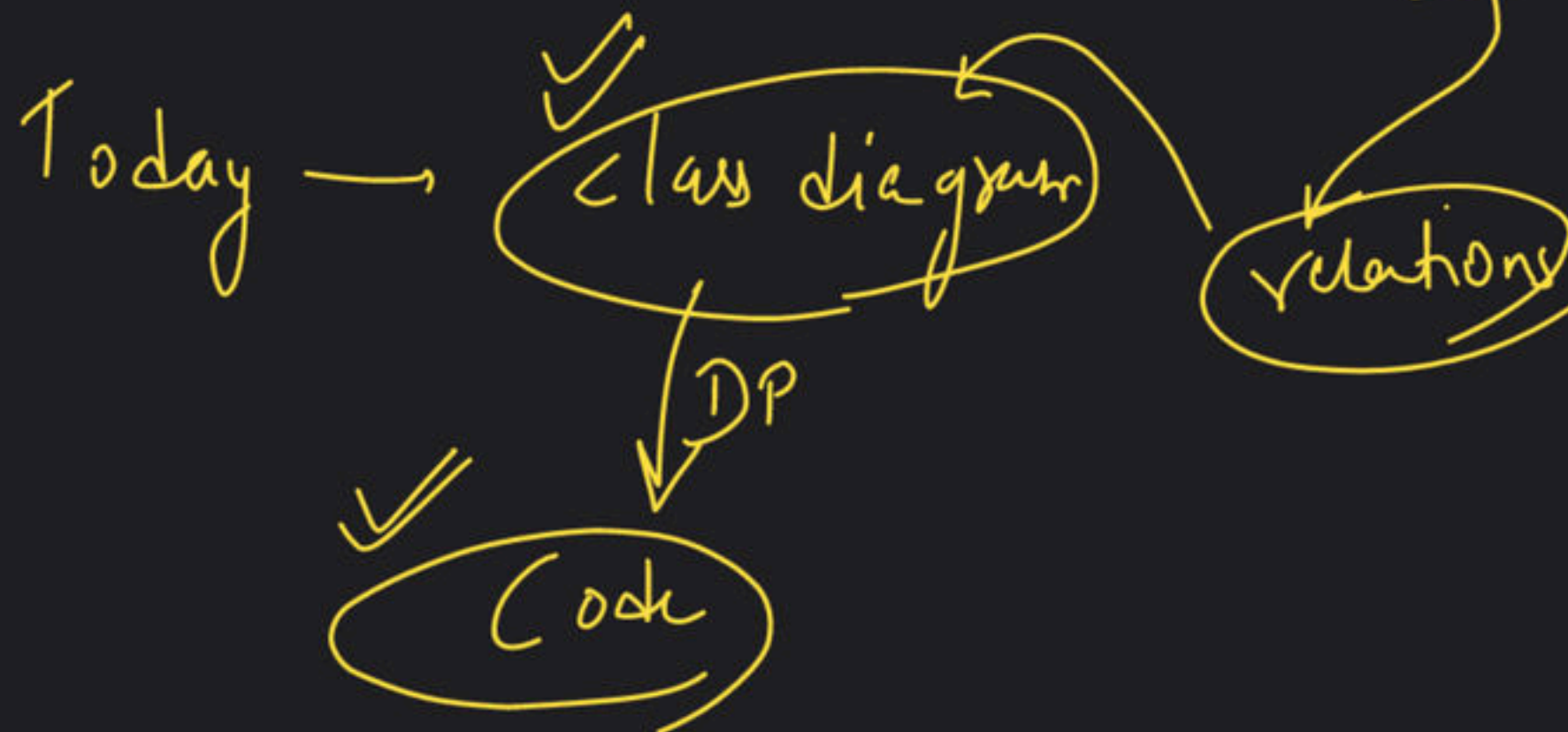
→ Reqmts
→ use cases / rel
→ actors

Class Diagram and Code

Special class

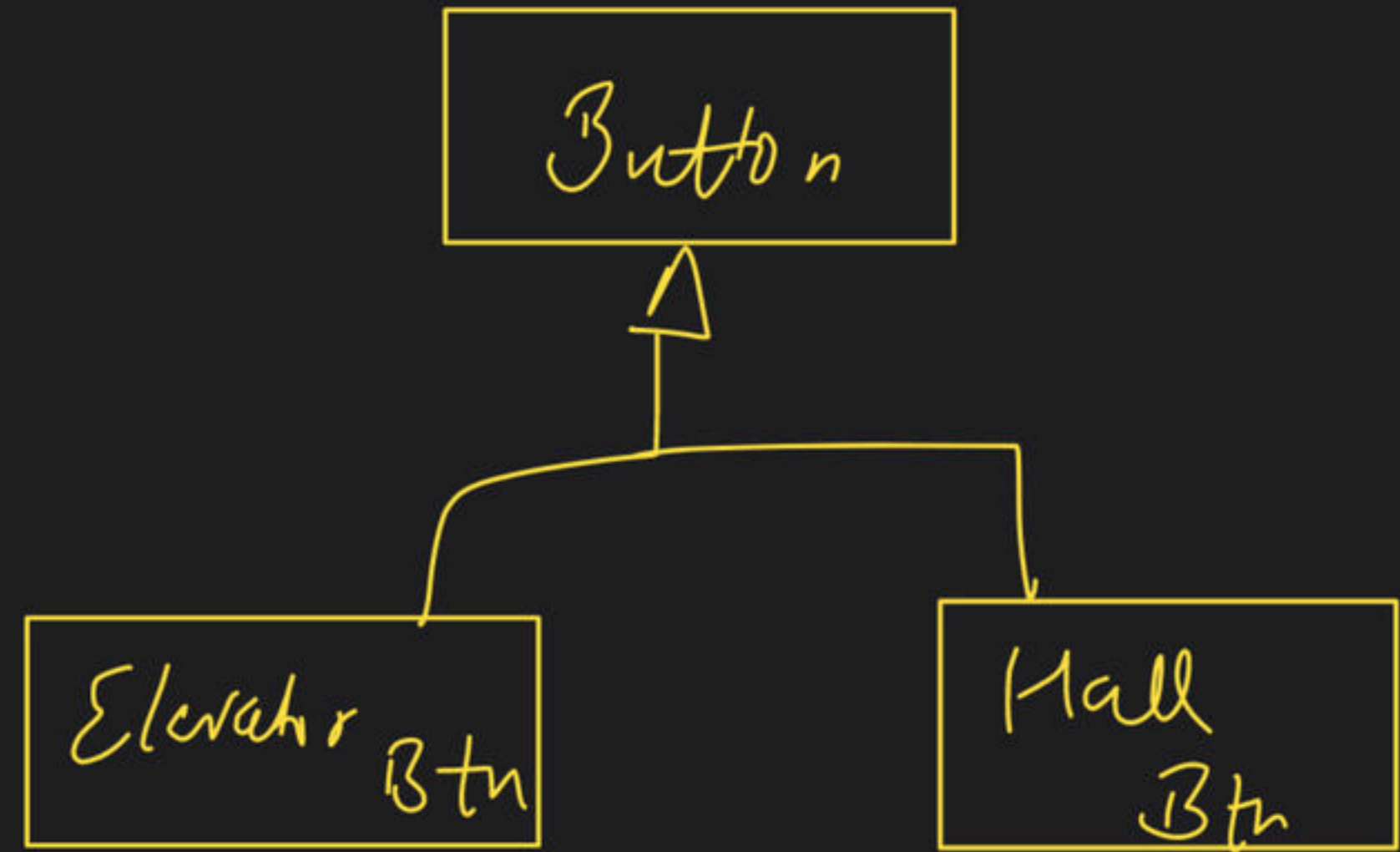
→ use case design

→ classes



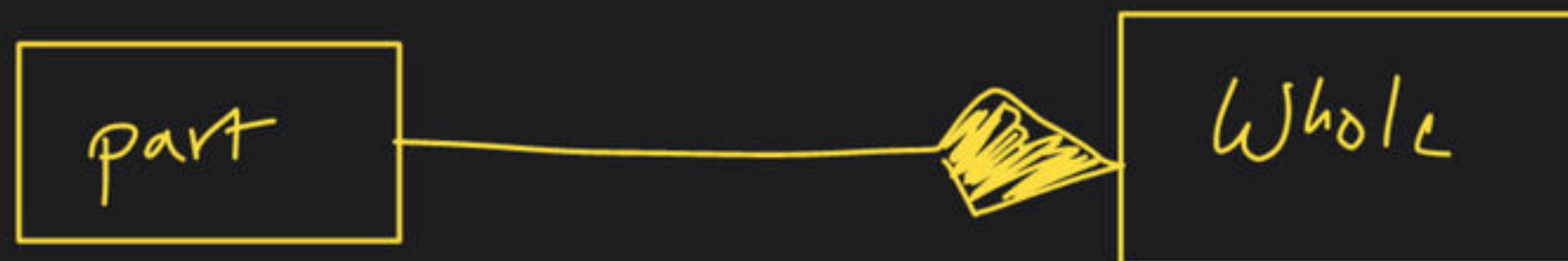
Relationship

① Inheritance



(2)

Composition:-



Building :- floor & Elevators

Floor → Display & Hall Panel

Elevator → Display, Elevator Panel, Door

Elevator Panel → Elevator Btn

Hall Panel → Hall Btn

(3)

Aggregation

code



Strategy pattern ~~N/W~~ → 10-15 min

Design Patterns

Rmnt →

~~Dispatcher Algo~~

~~SSTF
LOOK
SCAN
FCFS~~

Rmnt → 1 Building

Singleton

Rmnt → 1 Elevator System

Singleton

Driver
code

→ reference

I Sort

obj

abstraction layer

I Sort

Implement

Bubble Sort

Insertion Sort

Merge Sort

Kal \rightarrow L.K \rightarrow



Design Problem