Analysis → Design

① Conceptual Design
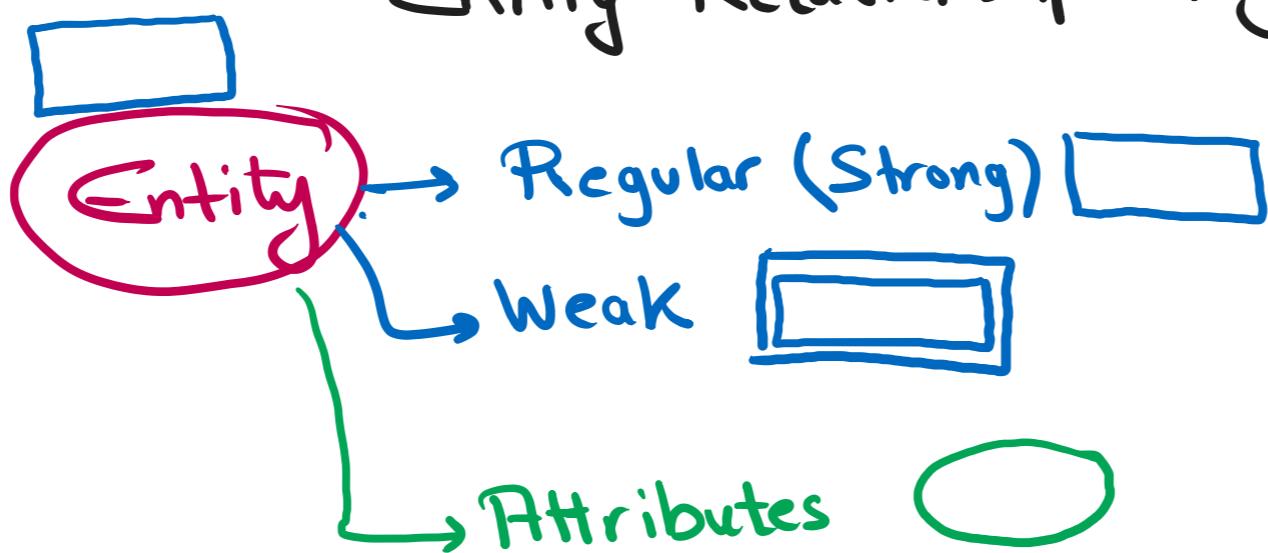= ERD → ② Logical Design → Impl.

Relational Schema

Conceptual Design
(high level Design)

Entity Relationship diag (ERD)

Entity → Regular (Strong) □
        → Weak ▭

→ Attributes ⬭

→ ① Key → unique
          ↘ not null

Candidate Key(s)
One Primary Key

② Single | multi value
   ⬭   ◎

③ Simple | Composite

④ Base | Derived

→ Domain   gender (male/female)

→ Default value

→ DataType

gndr   id ✔   name ✔
age   Students   tel ✔
bdate   add   city
        no   St.   Reg