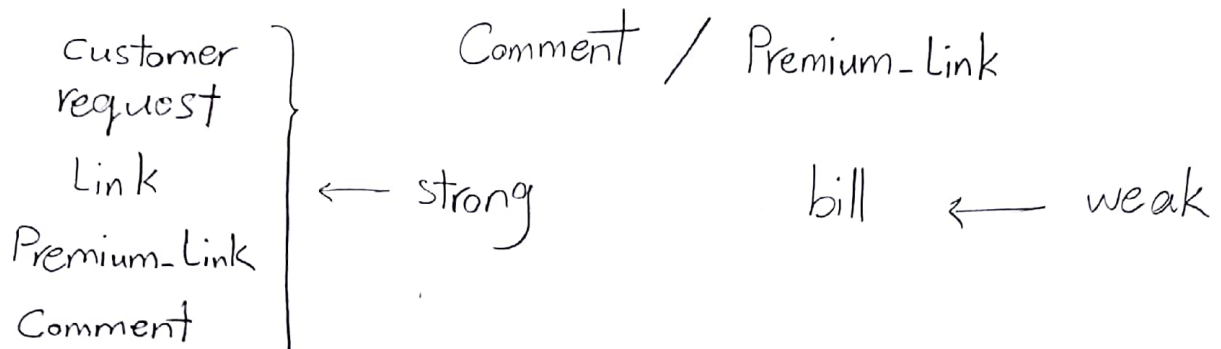


Link / bill / request / customer: {Entity} ①



②

req-customer → request & customer

req-link → request & premium-Link

req-bill → request & bill

bill-customer → bill & customer

Question → Comment & customer

reply → Comment & Comment

④, ③

customer:

ID (int ← primary key

name → { f-name (string)
l-name (string)
phone (string)
status (boolean) → false

bill:

Price (float)

Status (boolean) \rightarrow false

customer-ID (int) \leftarrow foreign key

request-ID (int) \leftarrow foreign key, primary key

request:

ID (int) \leftarrow primary key

Status (string between accept, pending, reject) \rightarrow default: pending

customer-ID (int) \leftarrow foreign key

shorten-URL (string) \leftarrow foreign key

comment:

ID (int) \leftarrow primary key

message (string)

customer-ID (int) \leftarrow foreign key

reply-id (int) \leftarrow foreign key

Link:

URL (string)

shorten-URL (string) \leftarrow primary key

Start (Time)

access {
 access-foreign (int) \rightarrow °
 access-local (int) \rightarrow °

• Premium-Link:

URL (string)

shorten-URL (string) ← Primary key

start (Time)

access { access-foreign (int) → °
access-local (int) → °

expiration (Time)

status (boolean) → false

