

Design Book My Show

→ 9:10 PM

Spring Boot  
API Services  
Singleton

→ MailChimp

(Email Campaign Management System)

→ Splitwise  
(Next Week)

Python + Java  
C++

→ Google onsite

I CD: Design Book My Show

Current Scope  
future Modf

→ Behavior  
→ Service  
→ Repository  
~~→~~

## Requirement Gathering

→ Online Movie Booking System

→ Movies

→ Future Movie  
to buy  
→ Behavior of  
diff movie

→ New payment methods can come

→ ~~Freebies | Prebook Snacks~~

→ Manual Selection of tickets

→ Cinema can get new rolls in future ✓  
→ We should have a support for Cancelling

T ~~Boxfind of ticket~~ & updating

→ Seats can have diff types

→ Pricing will be dependent on:

— Seat Type

= Time

- Day
- Movies
- Cinema

→ We need to allow search

→ Search only by Movie name

→ filter

→ Language ↗

→ Cinema ↗

→ Rating

→ PG Rating

- Length of Row Sheet
- Type/Genre
- Sorting Search results ✓
- Have a support for an admin user

copy

clone

DLT

→ 25 years

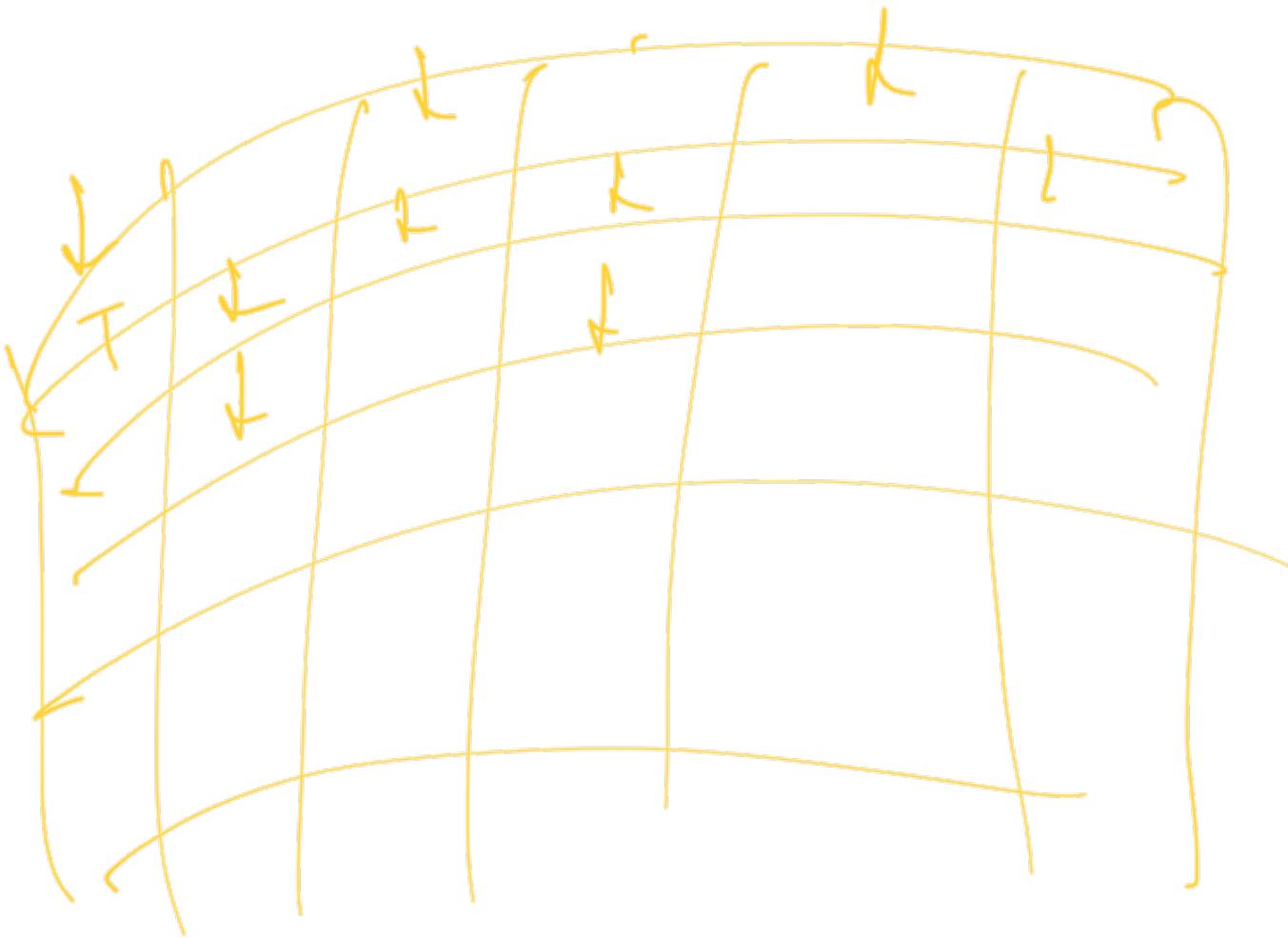
| cloning from

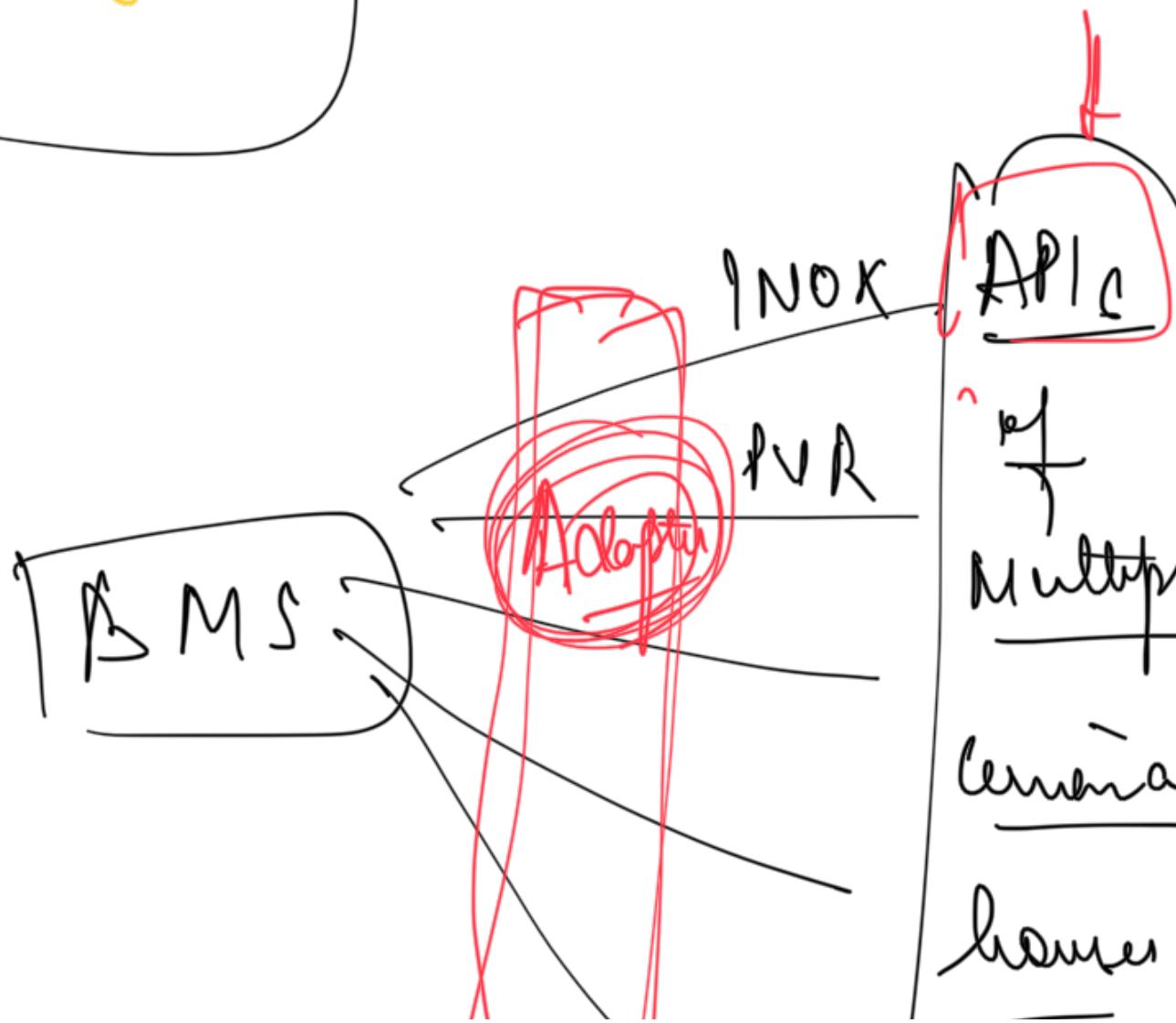
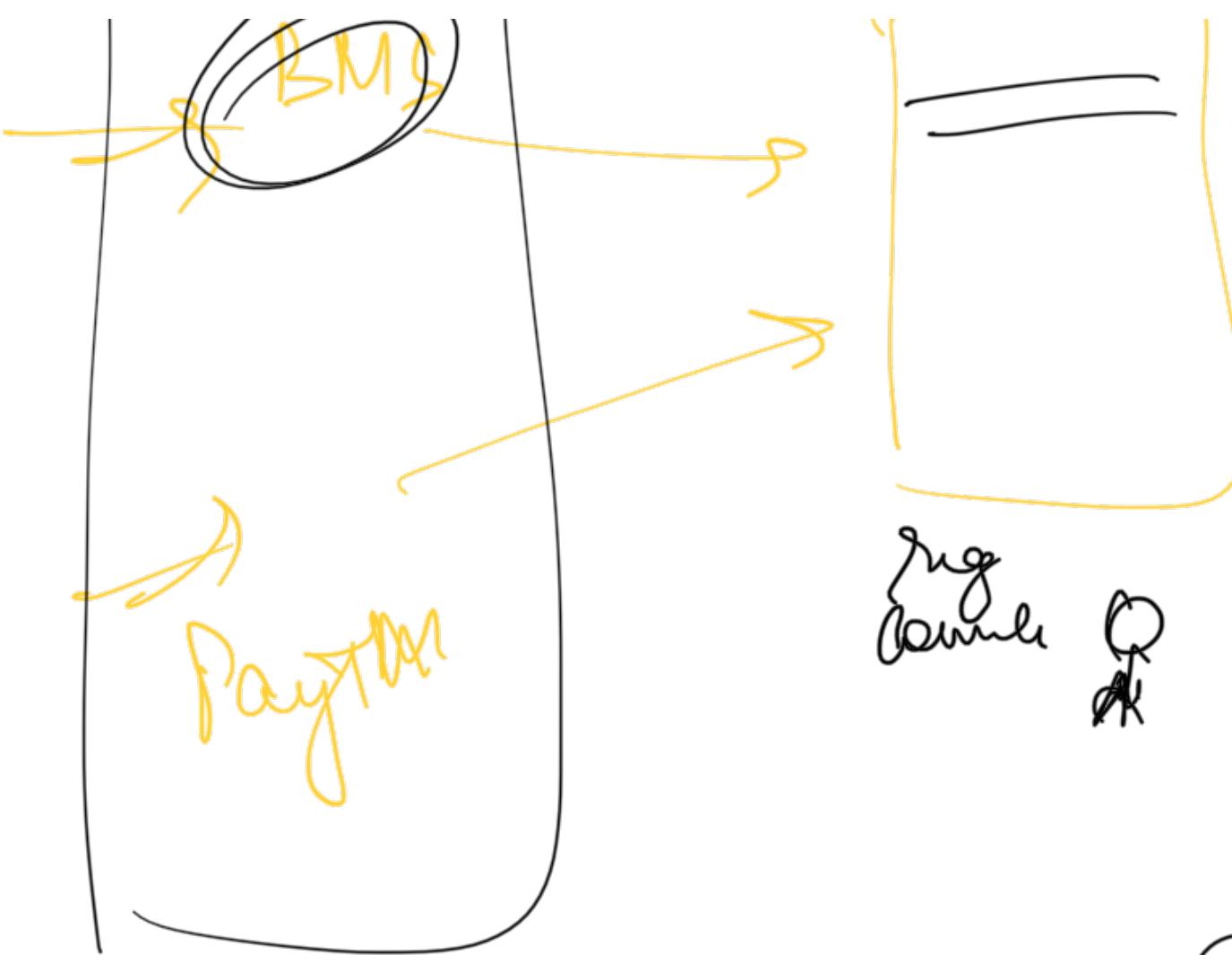
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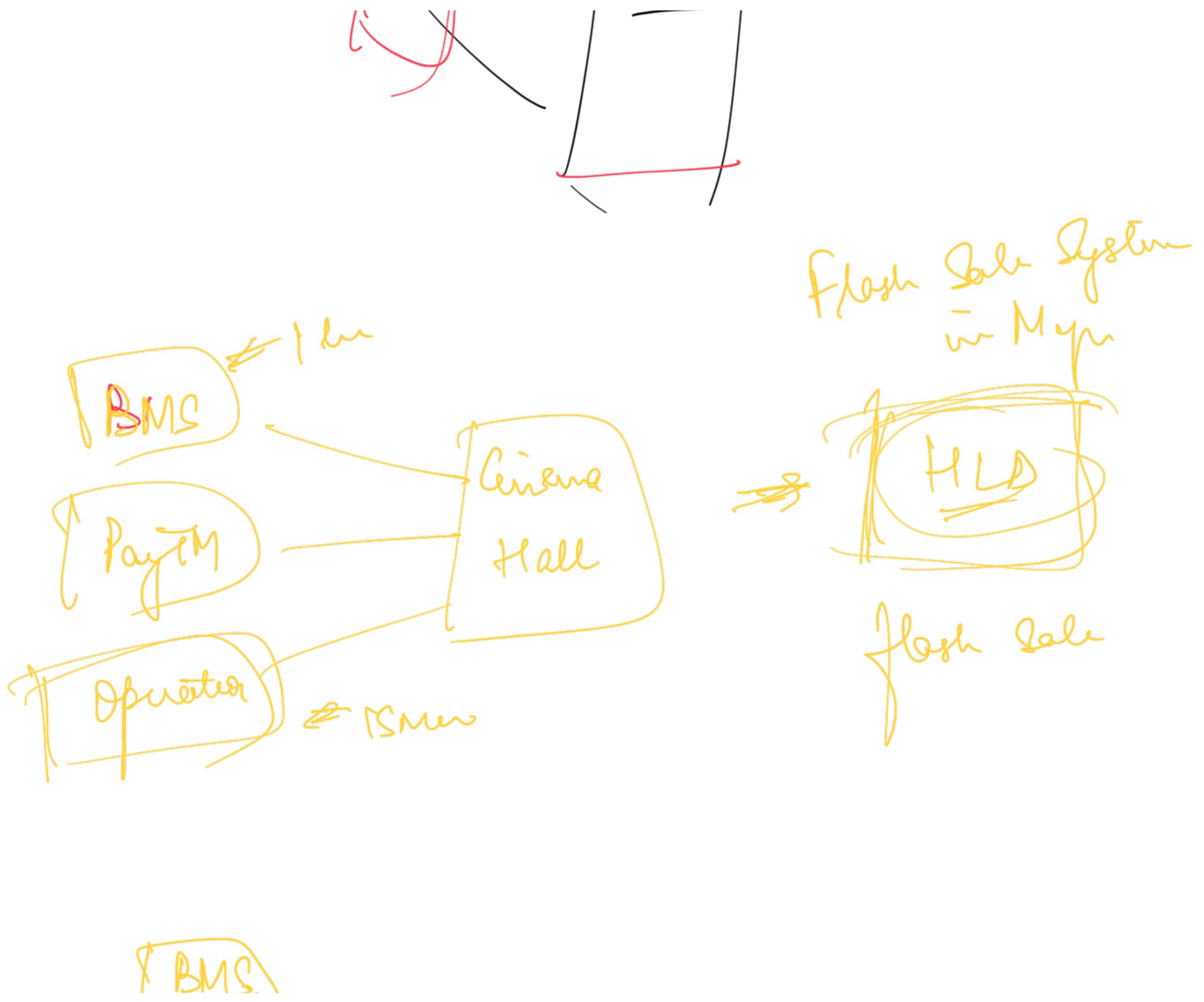
delete()

- How will I decide the seating arrangement

- Which seats are we for export
- No. support of analytics / ratings / feedin









HLD    Dist lock  
Remote locks

→ Till when should I allow break

→ How many tickets can be booked in

I'm working

# ① Class Diagram

Names in the sq  
Visualisation





Cinema ←

Hall

Seat

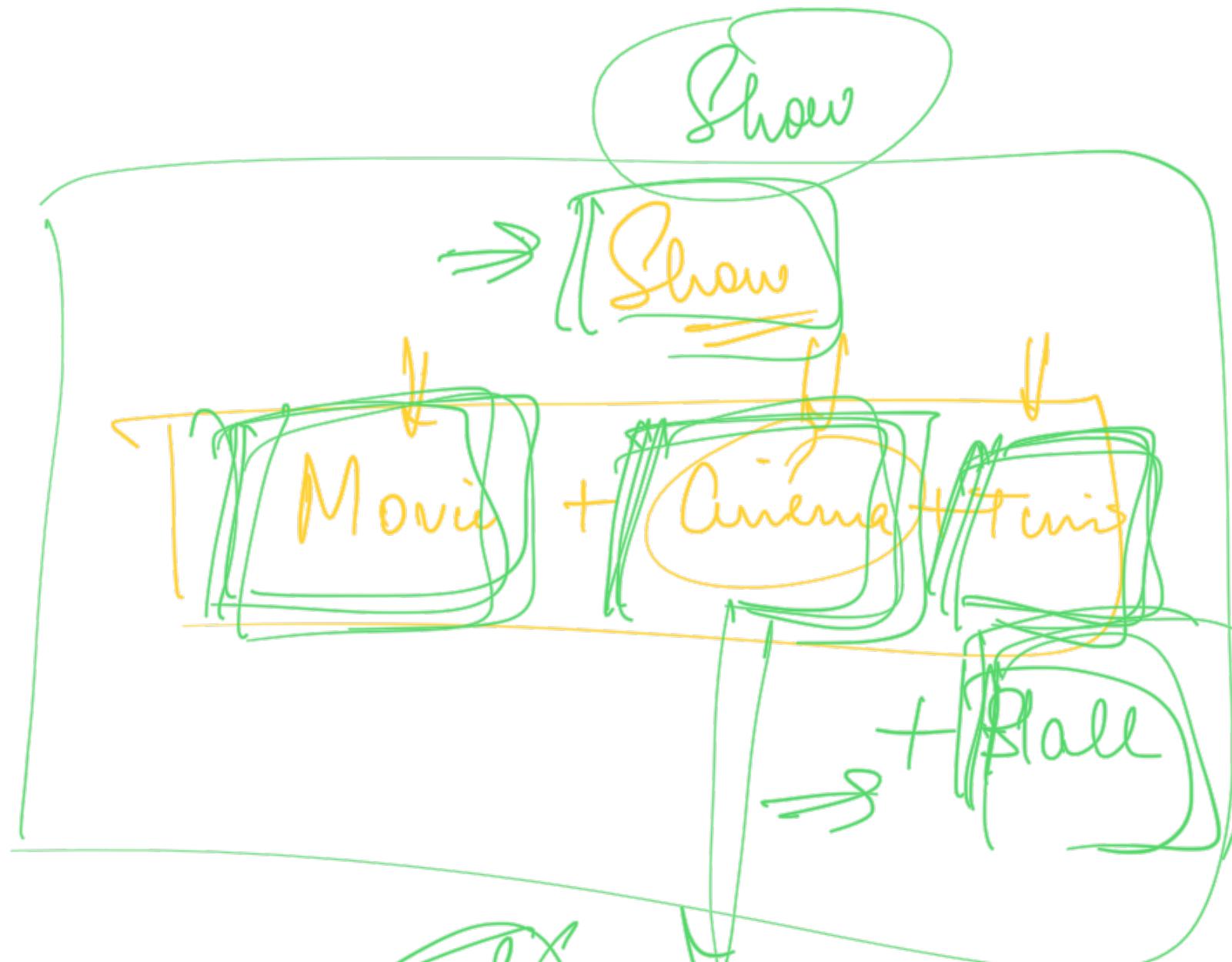
Movie

City

User

Customer

Admin



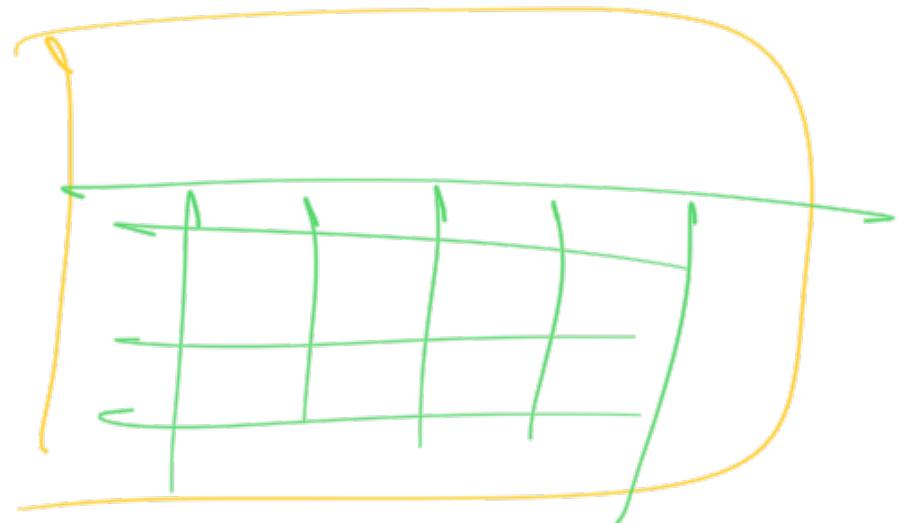
Cinema →

Show  
~~Show Seat~~ → Seat For A Show

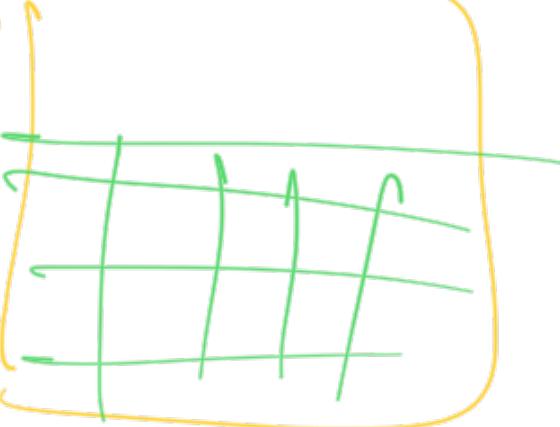
Booking  
Payment

Hall

9 - 12



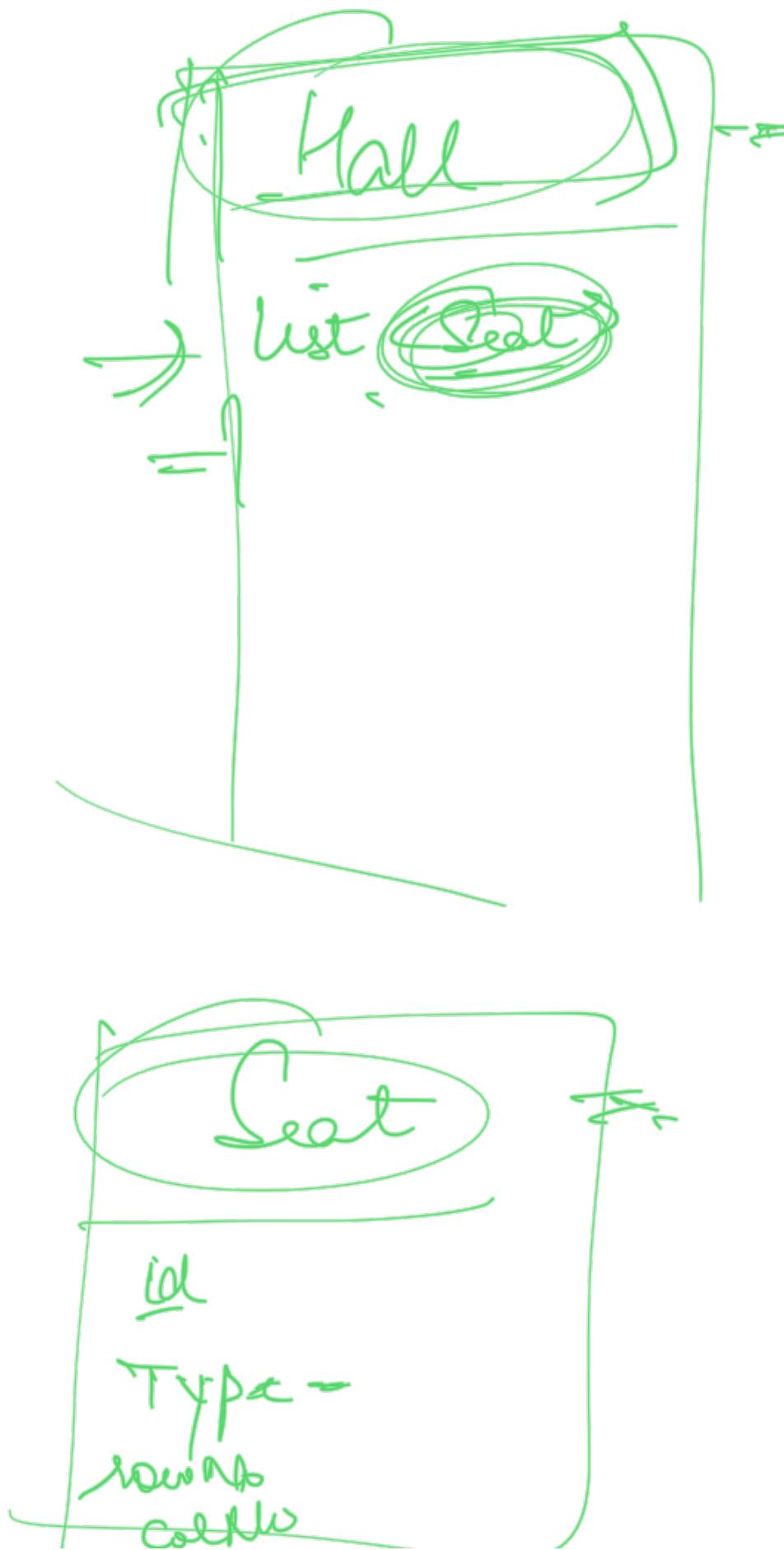
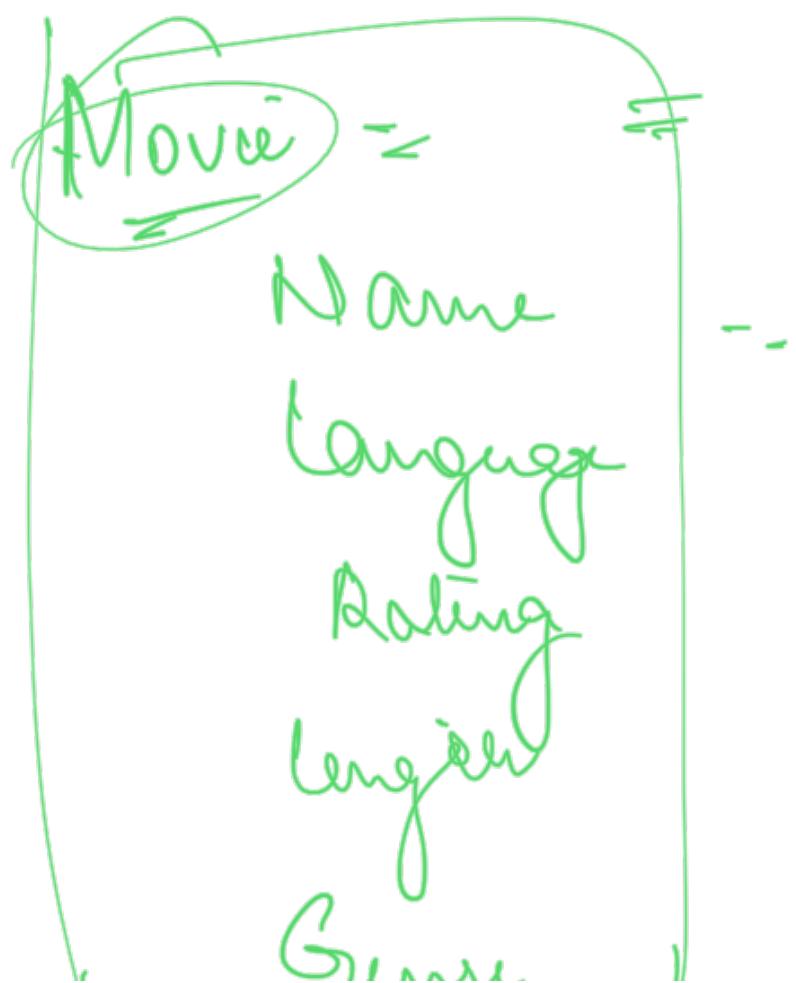
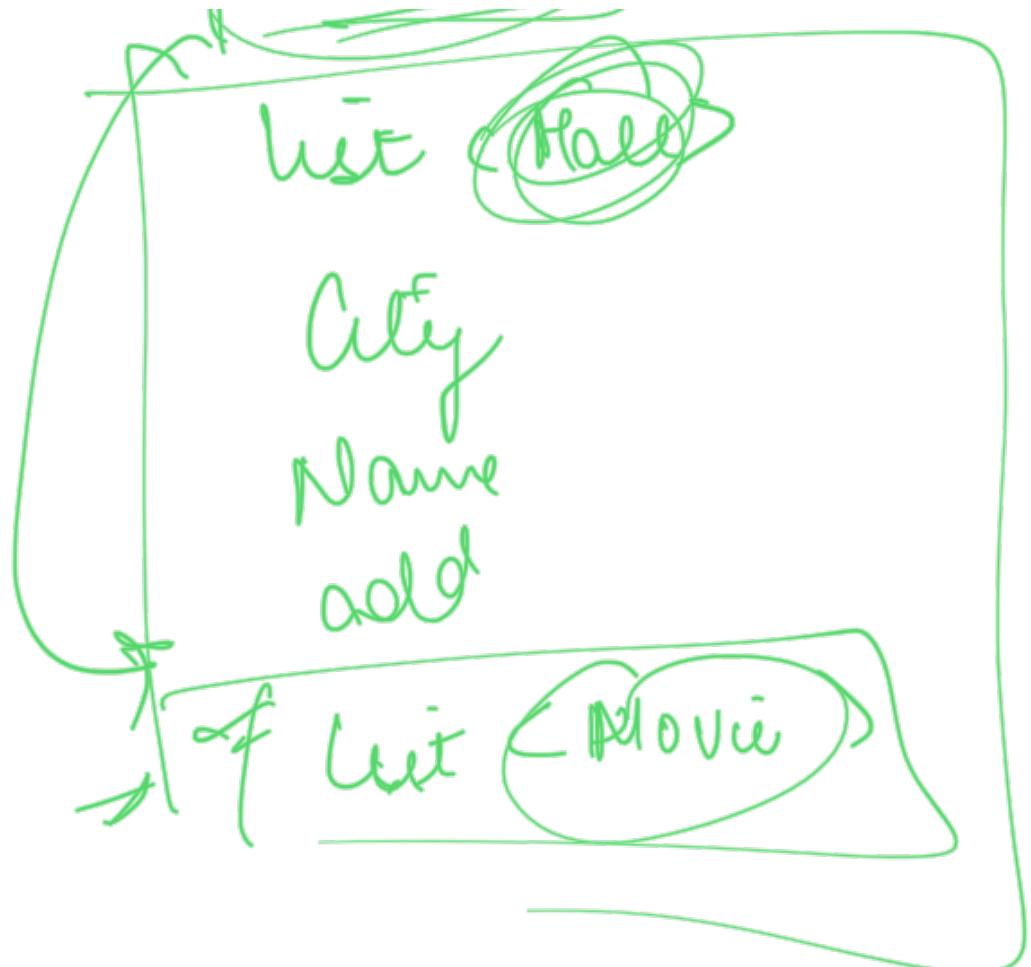
12 - 3

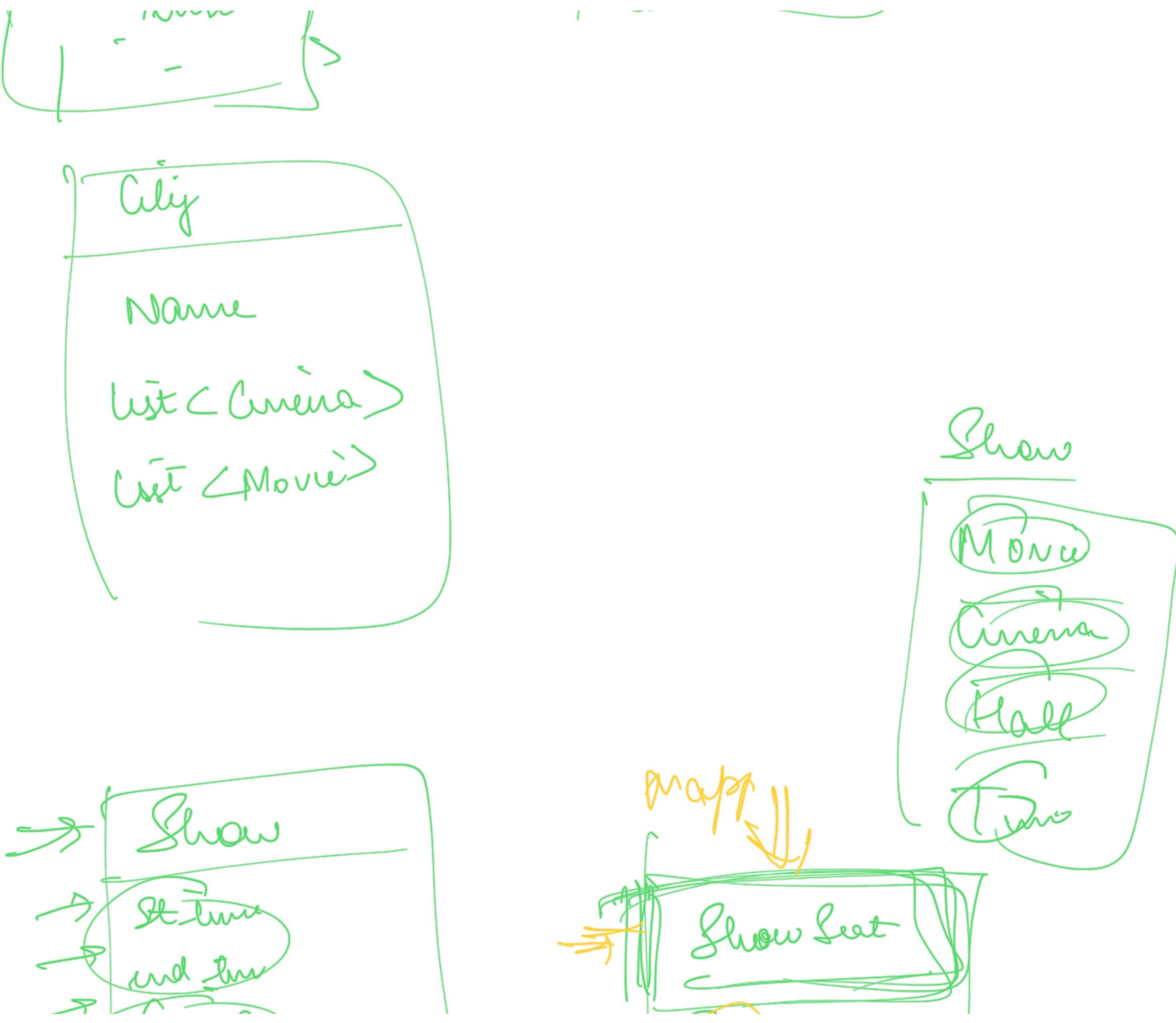


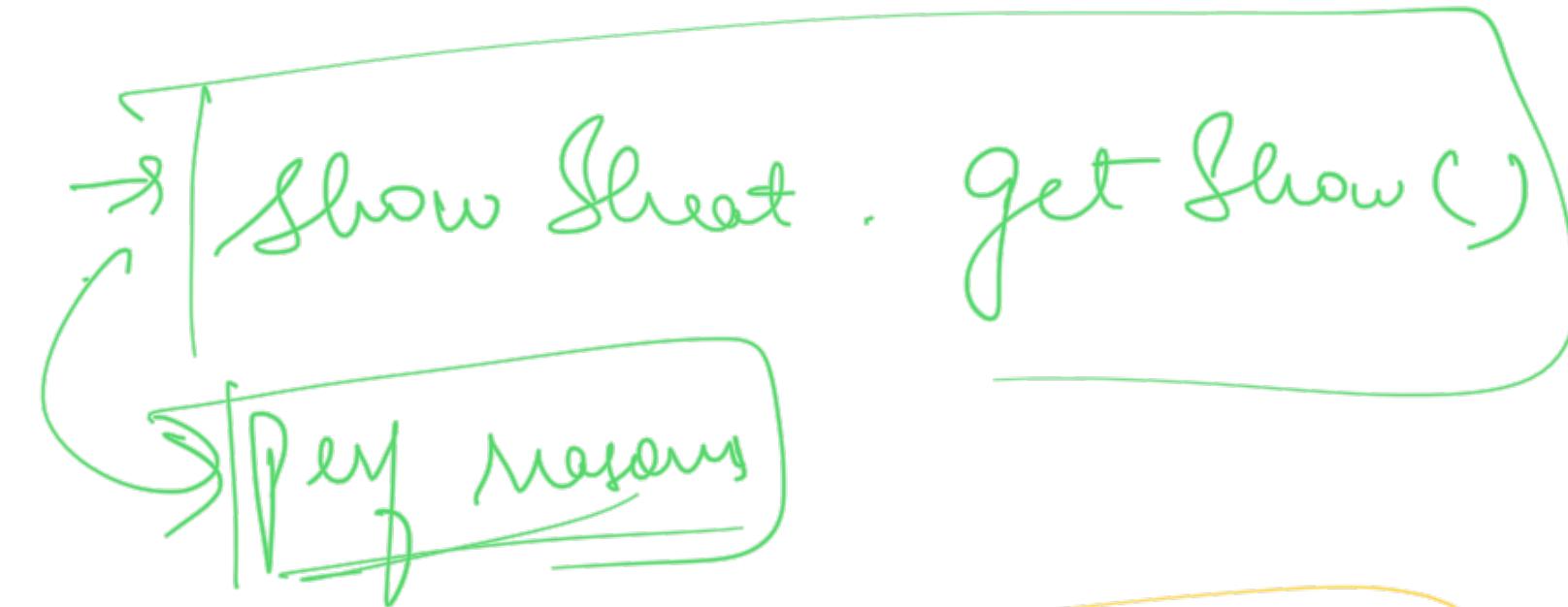
Cinema

Film

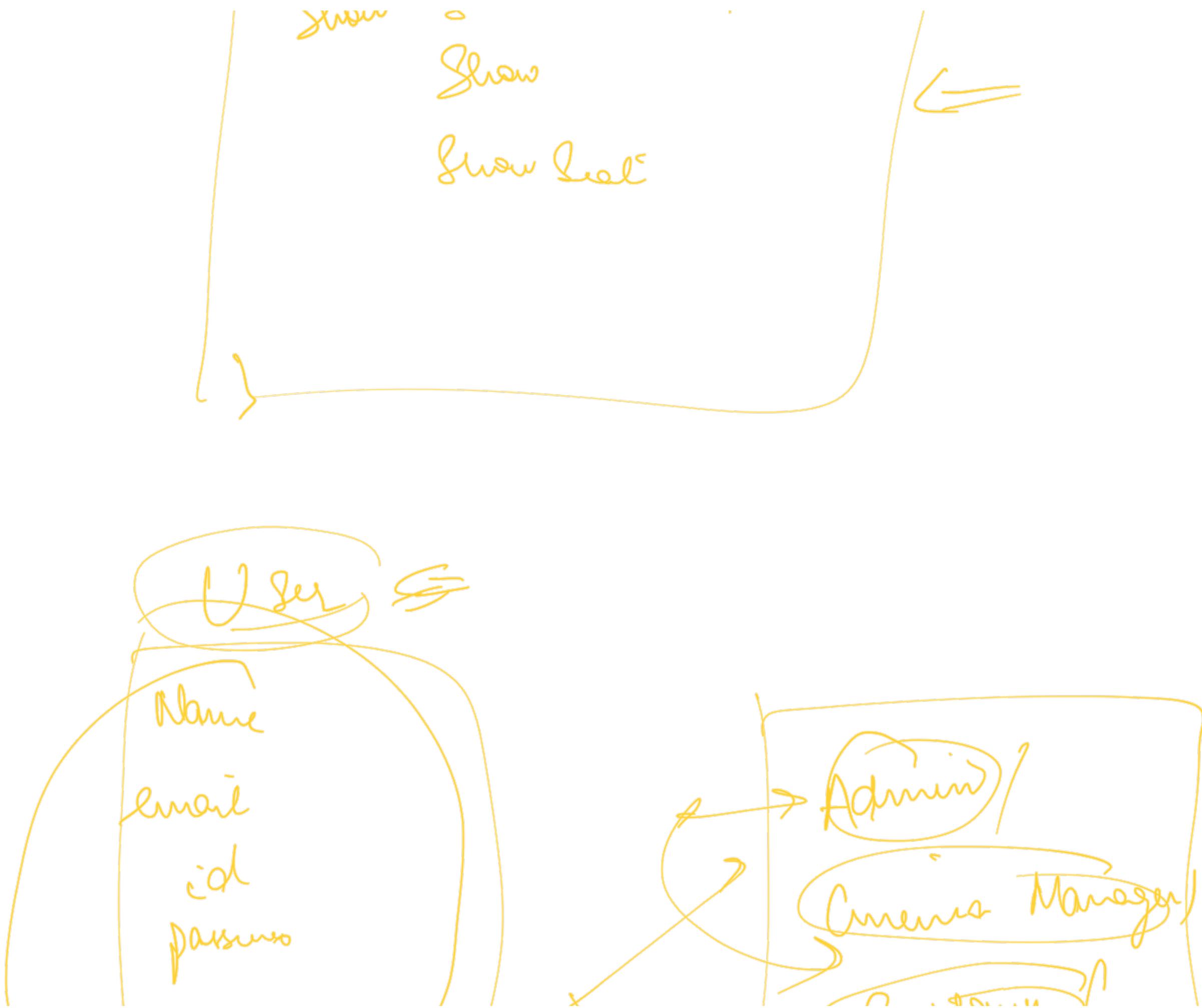
Reserve  
Exclusive

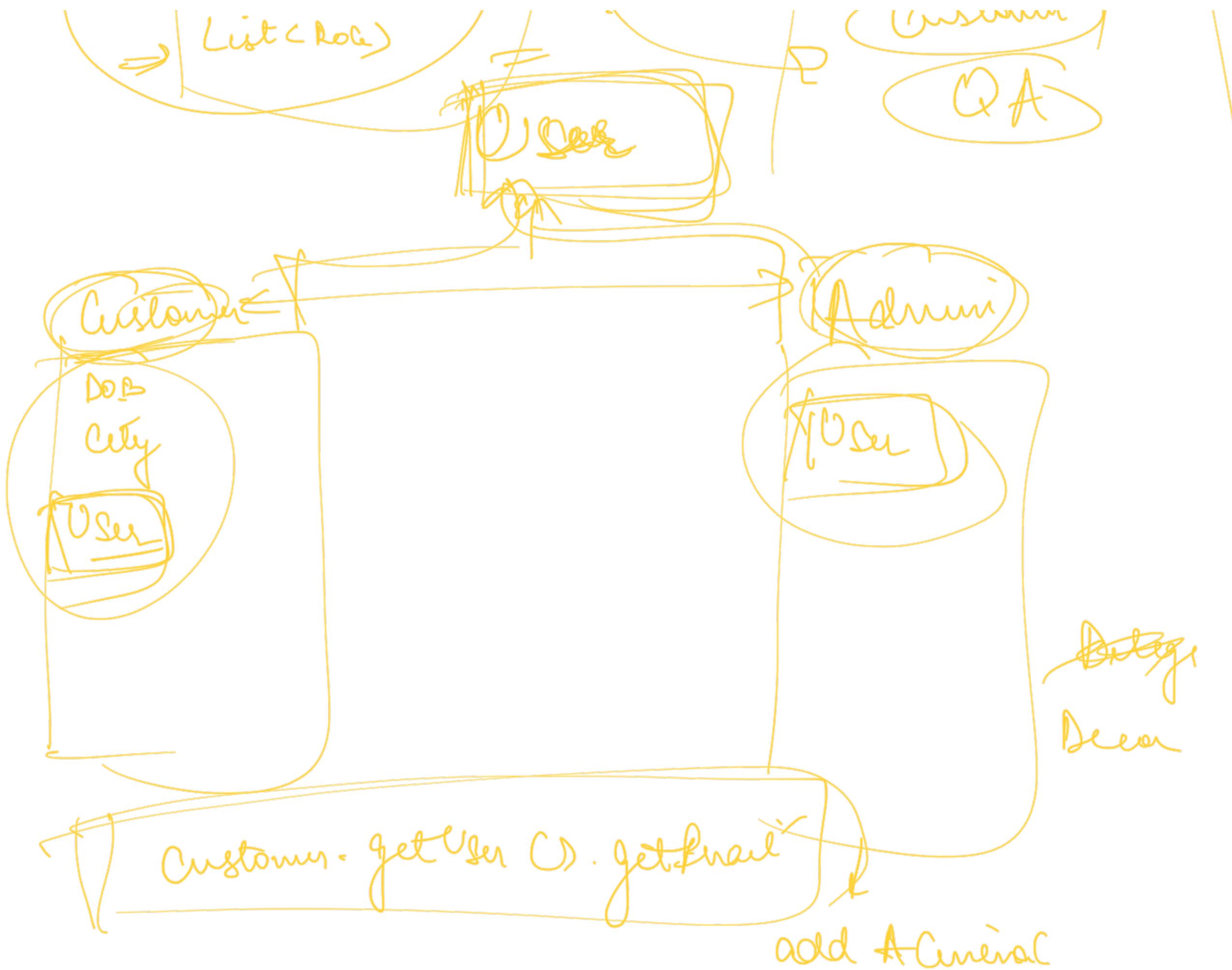


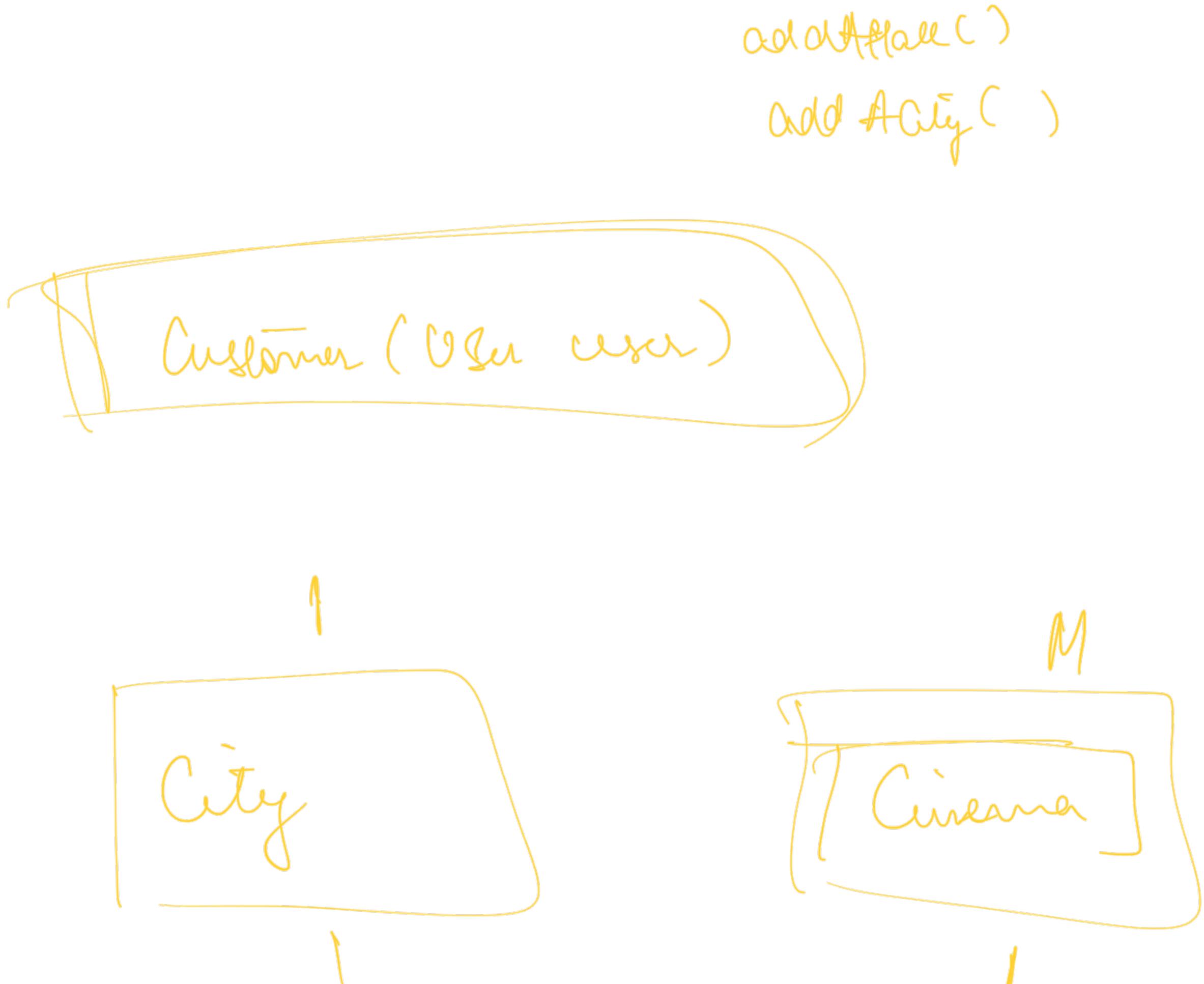




↓ ... Show Sheet ↑

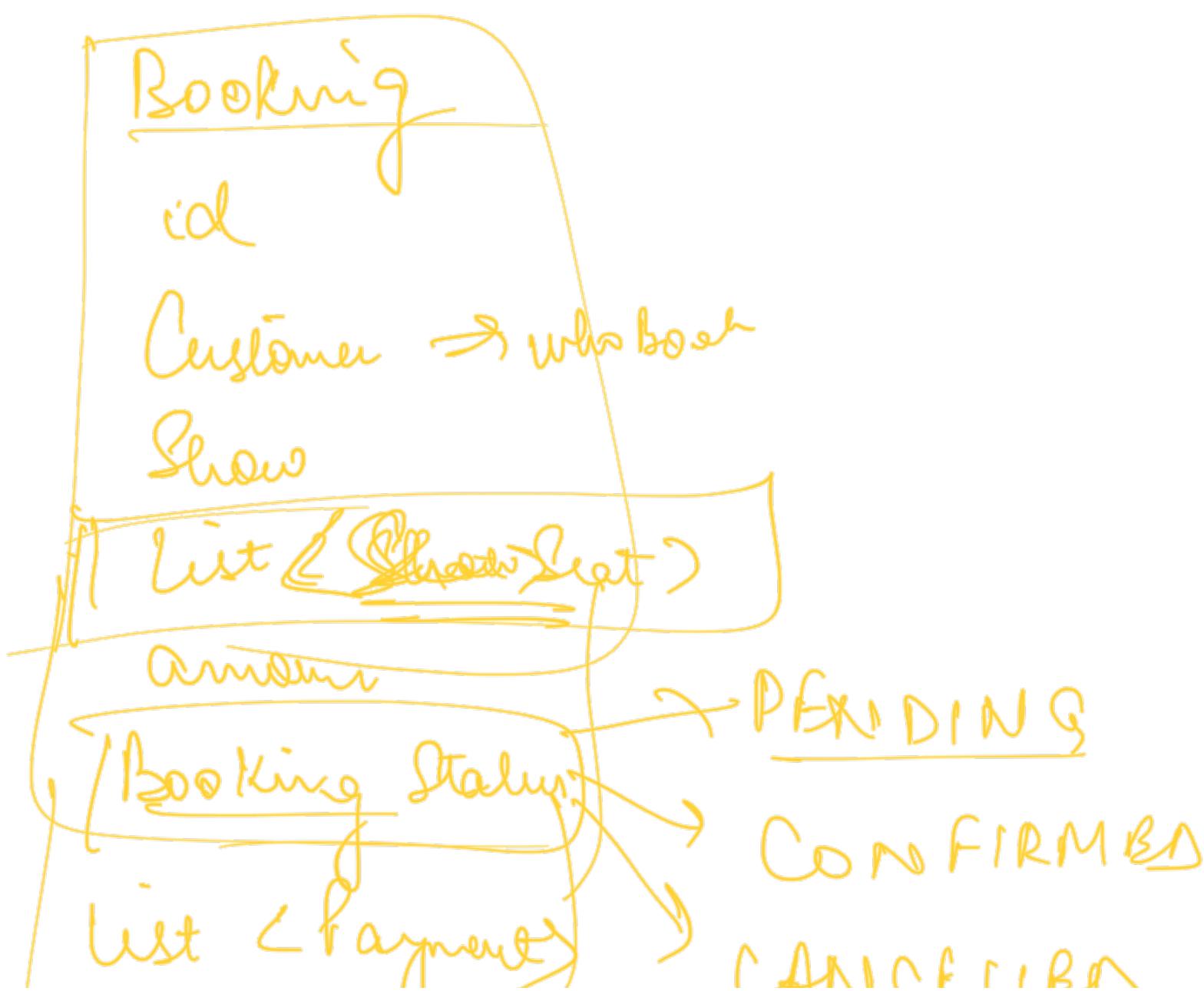


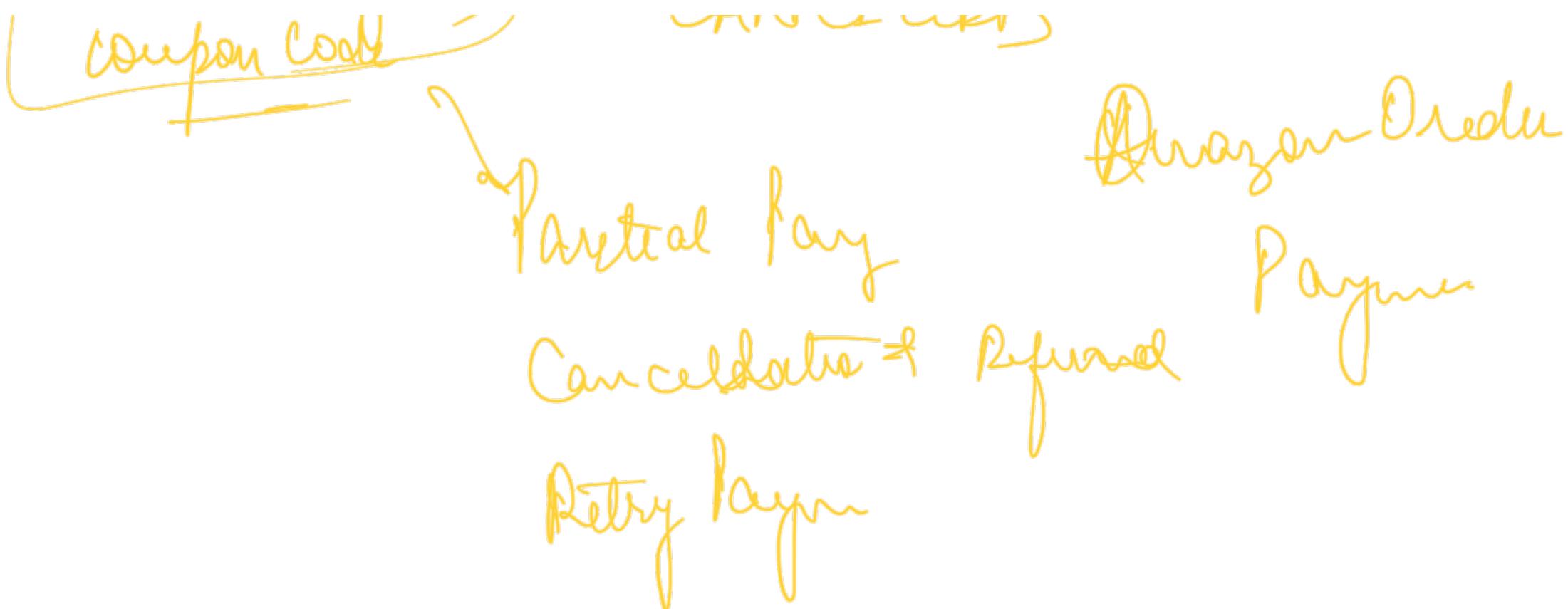




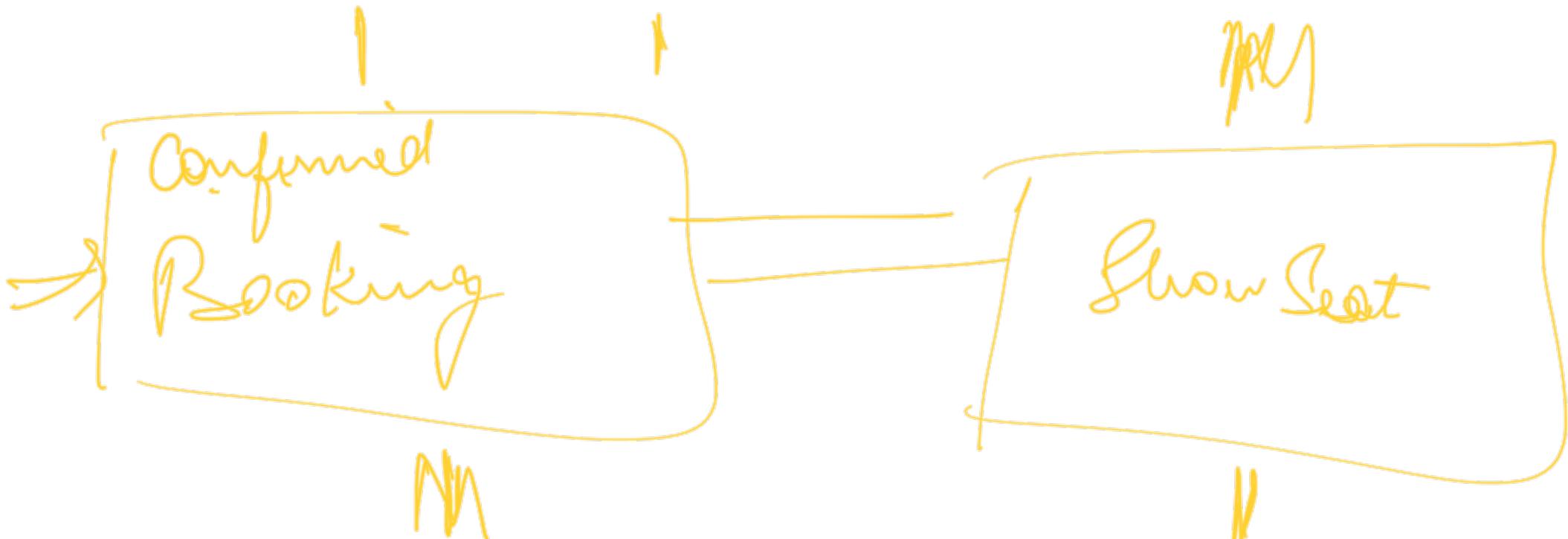
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- ① Place an order → Order ID is generated
- ② Make payment for the order



Rel<sup>n</sup> b/w A and B for attribute Y

rel<sup>n</sup>





10:40 PM

## Repository

→ Way to interact with DB to get Objects

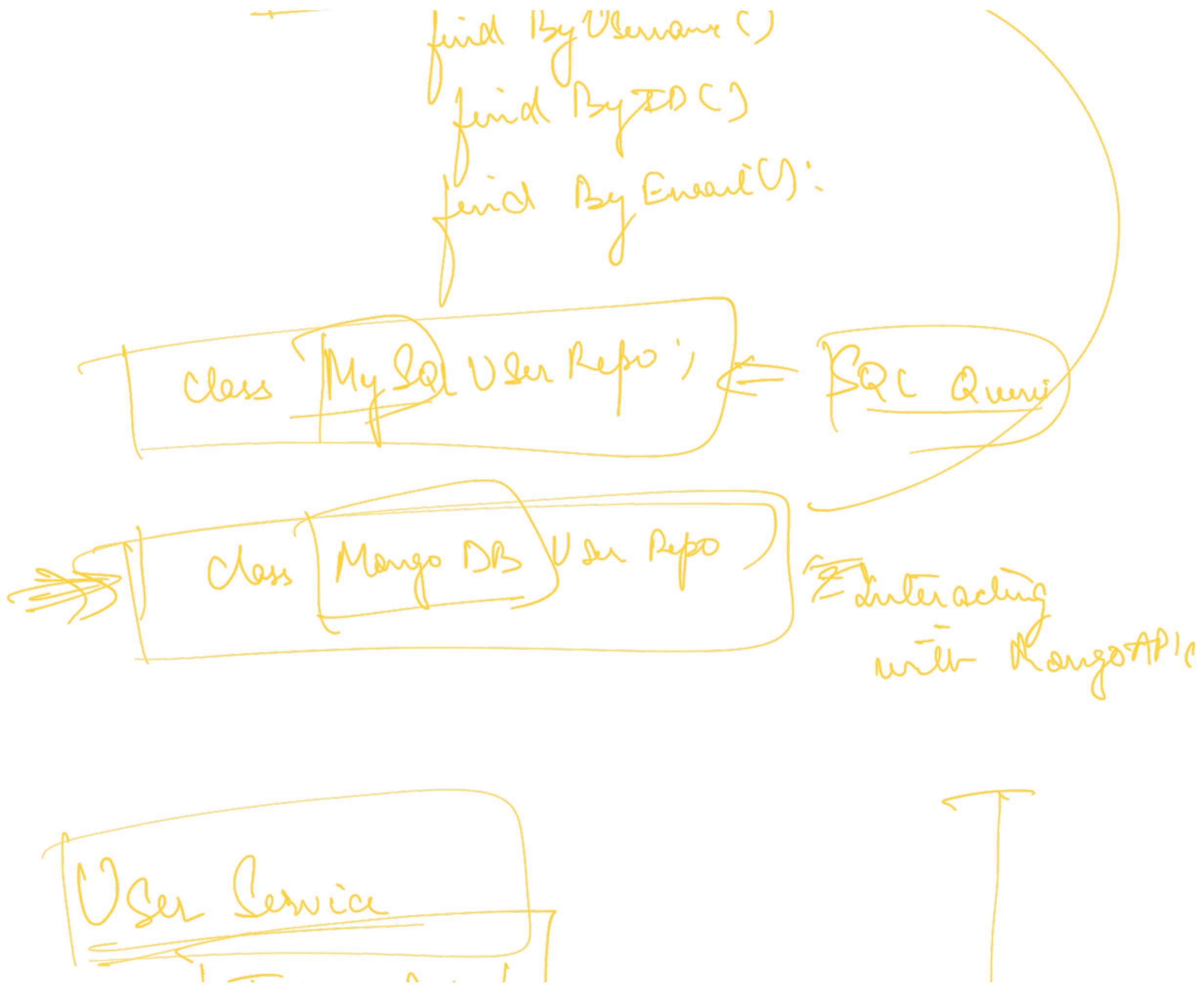
What can change in future

DB  $\Rightarrow$  MySQL  $\Rightarrow$  MongoDB

User

User Repository





I User Repo / My fork User Repo +

