

# BOOK MY SHOW

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# BOOK MY SHOW

## PRODUCT REQUIREMENTS DETAILS

1. WEB SERVICE

2. AN USER SHOULD BE ABLE TO-

a) REGISTER / LOGIN

b) BOOK TICKET (1 AVAILABLE SEAT)

c) BOOK TICKET (MULTIPLE " ")

d) BOOK MULTIPLE TICKETS (" " )

e) CANCEL TICKETS

3. MULTIPLE USERS -

as CONCERNING HANDLING

4. DATE VARIANCES - OTP VERIFICATION FOR STUDENT E-MAIL

5. DUPLICATION - HANDLED BY 'TIME-TABLE' Table.

6. PAYMENT = PAGE 5

# DATABASES

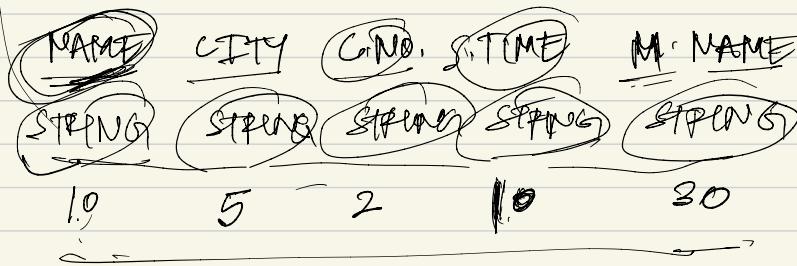
1. USERS (SQL)
2. MERCHANTS (SQL)
3. MOVIES (SQL) (PRICING INCLUDED)
4. SEATING INFO (NO-SQL)

→ 1 screen → 20 shows/week  
→  $20 \times 4$  shows/month

15000 screens -  $20 \times 4 \times 15000$  shows/month

→ MAX ENTRIES at Once ✓

⇒  $20 \times 4 \times 15000$  ENTRIES



## TOTAL SPACE REQUIRED (PER MONTH)

SPACE REQ. 1 ENTRY  $\approx$  50 BYTES

v total ENTRIES  $\approx$

$$\Rightarrow 12 \times 10^5 \times 60 \text{ bytes}$$

$$\Rightarrow 7.2 \times 10^7 \text{ Bytes}$$

$$\Rightarrow 72 \text{ MBbytes}$$

5. SHOWS INFO

(NO-SQL - MONGO)

6. BLOB STORAGE

$$\Rightarrow 100000 \text{ MBSS / day}$$

$$\Rightarrow 1 \text{ user } \Rightarrow 10 \text{ queries / day}$$

READ : WRITE

(15) : (P)

READ HEAVY!

7. BOOKING (NO-SQL)

# DB SCHEMA

USERS

ID	NAME	PHNO.	MAIL	USERNAME	PASSW.
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MERCHANTS

NAME	ID	CITY
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MOVIES

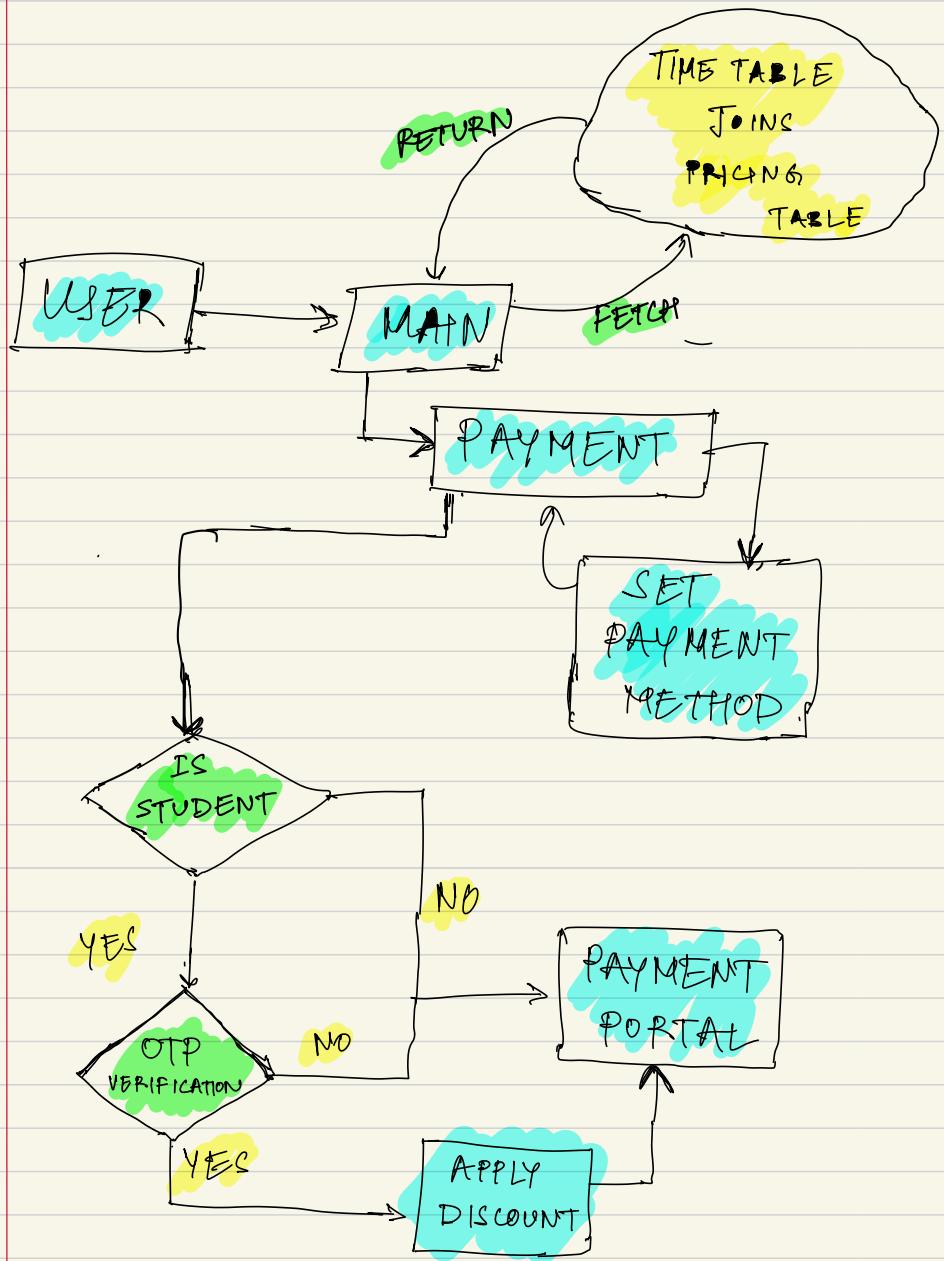
NAME	DATE OF RELEASE	
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TIME-TABLE

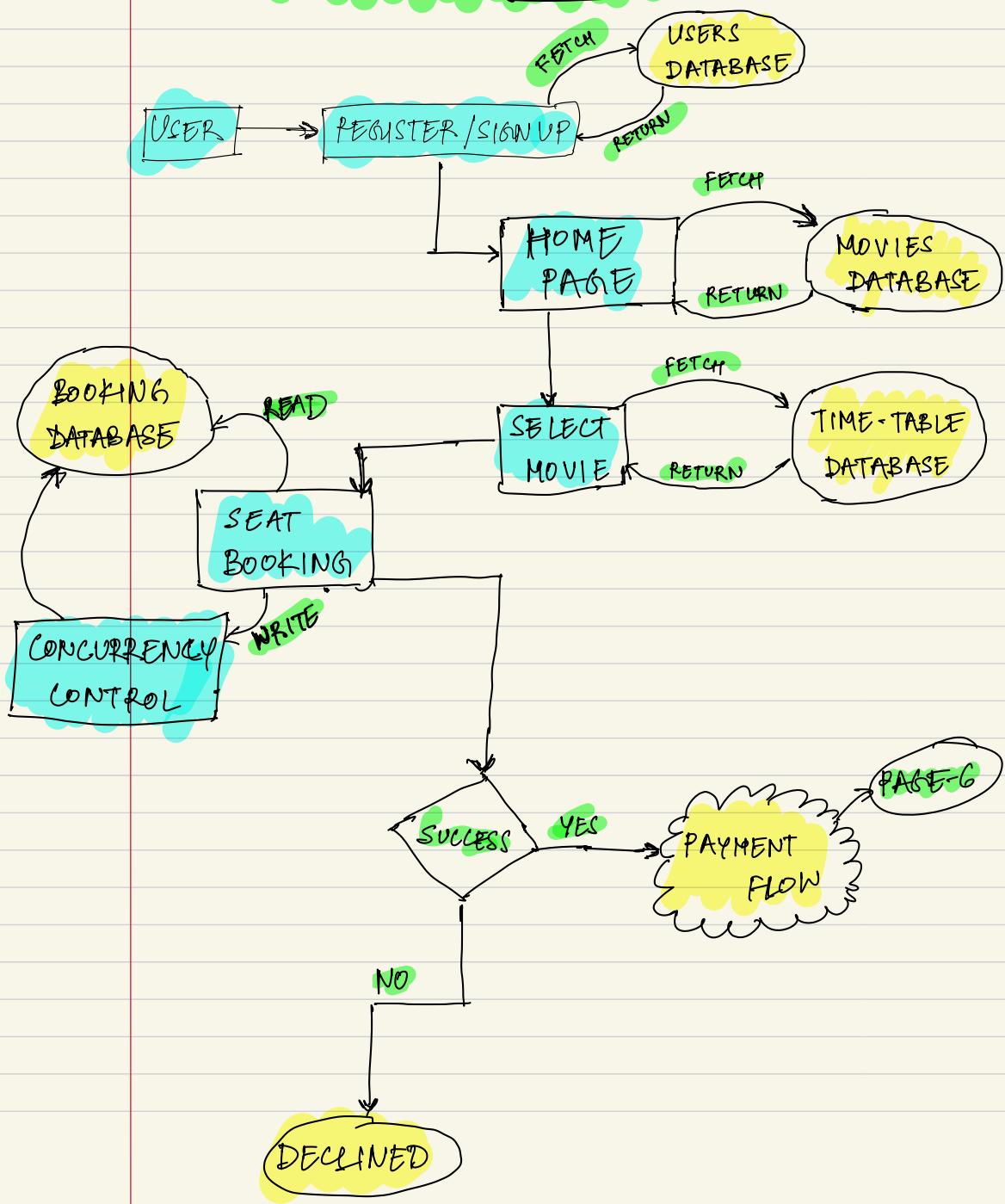
ID	NAME	CITY	C.NO.	S.TIME	PA. NAME
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BLOB STORAGE

# PAYMENT FLOW



# PROJECT FLOW

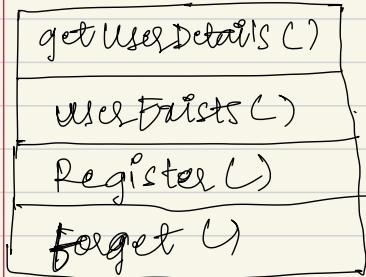


# CLASSES

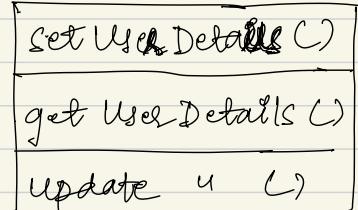
1. LOGIN
2. USER → USER DB
3. MOVIES → MOVIES DB
4. SHOW INFO → SHOWS INFO DB
5. SEATING INFO → SEATING INFO DB
6. BOOKINGS → BOOKINGS DB
7. PAYMENTS

# CLASS DIAGRAM

## LOGIN



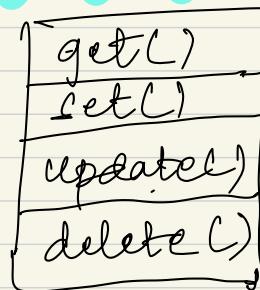
## USER



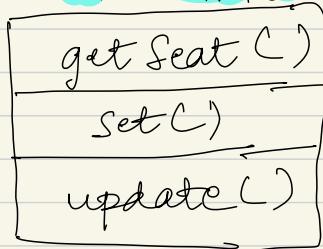
## MOVIES



## STOLES INFO



## SEATING INFO



## BOOKING

