

BOOK MY SHOW

By - RADHA
AND
KRISHNA

Jerry ..

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

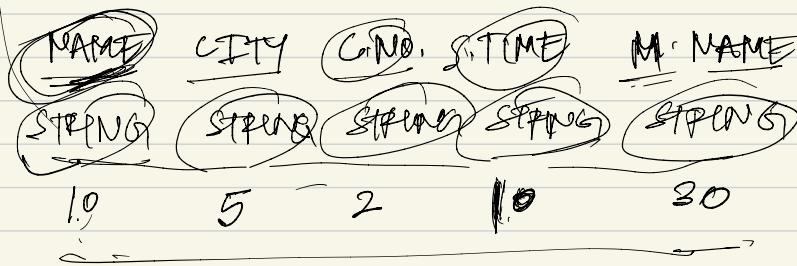
7. RATINGS & REVIEWS

DATABASES

1. USERS (SQL)
 2. MERCHANTS (SQL)
 3. MOVIES (SQL) (PRICING INCLUDED)
 4. SEATING INFO (NO-SQL)
 5. REVIEWS & RATINGS
- 1 screen → 20 shows/week
→ 20 × 4 shows/month
- 15000 screens - 20 × 4 × 15000 shows/month

→ MAX ENTRIES at Once ✓

⇒ 20 × 4 × 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

7

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

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

READ : WRITE

(15) : (P)

READ HEAVY

7. BOOKING (NO-SQL)

DB SCHEMA

USERS

ID	NAME	PHNO.	MAIL	USERNAME	PASSW.
----	------	-------	------	----------	--------

MERCHANTS

NAME	ID	CITY
------	----	------

MOVIES

NAME	DATE OF RELEASE
------	-----------------

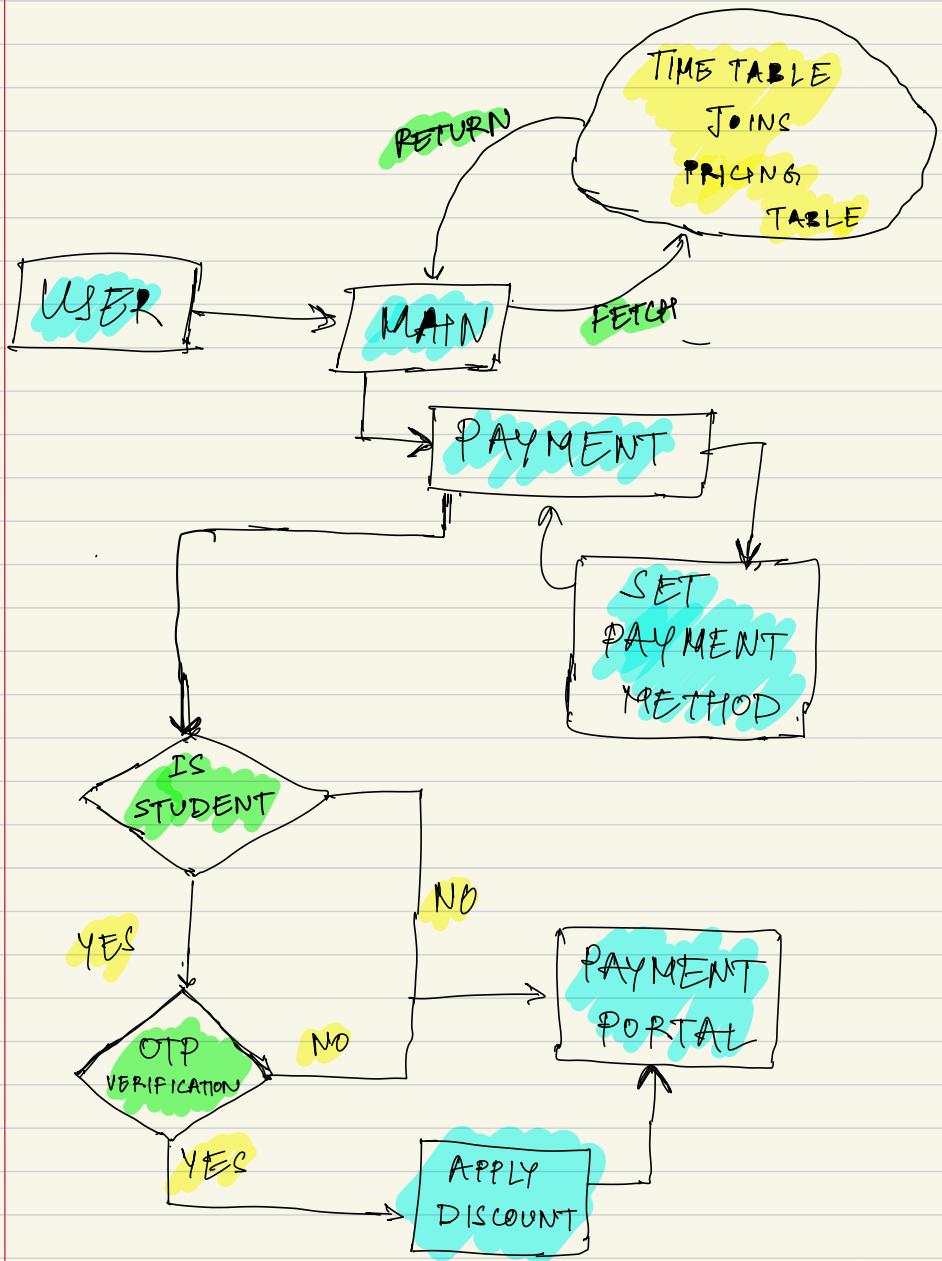
TIME-TABLE

ID	NAME	CITY	C.NO.	S.TIME	PA. NAME
----	------	------	-------	--------	----------

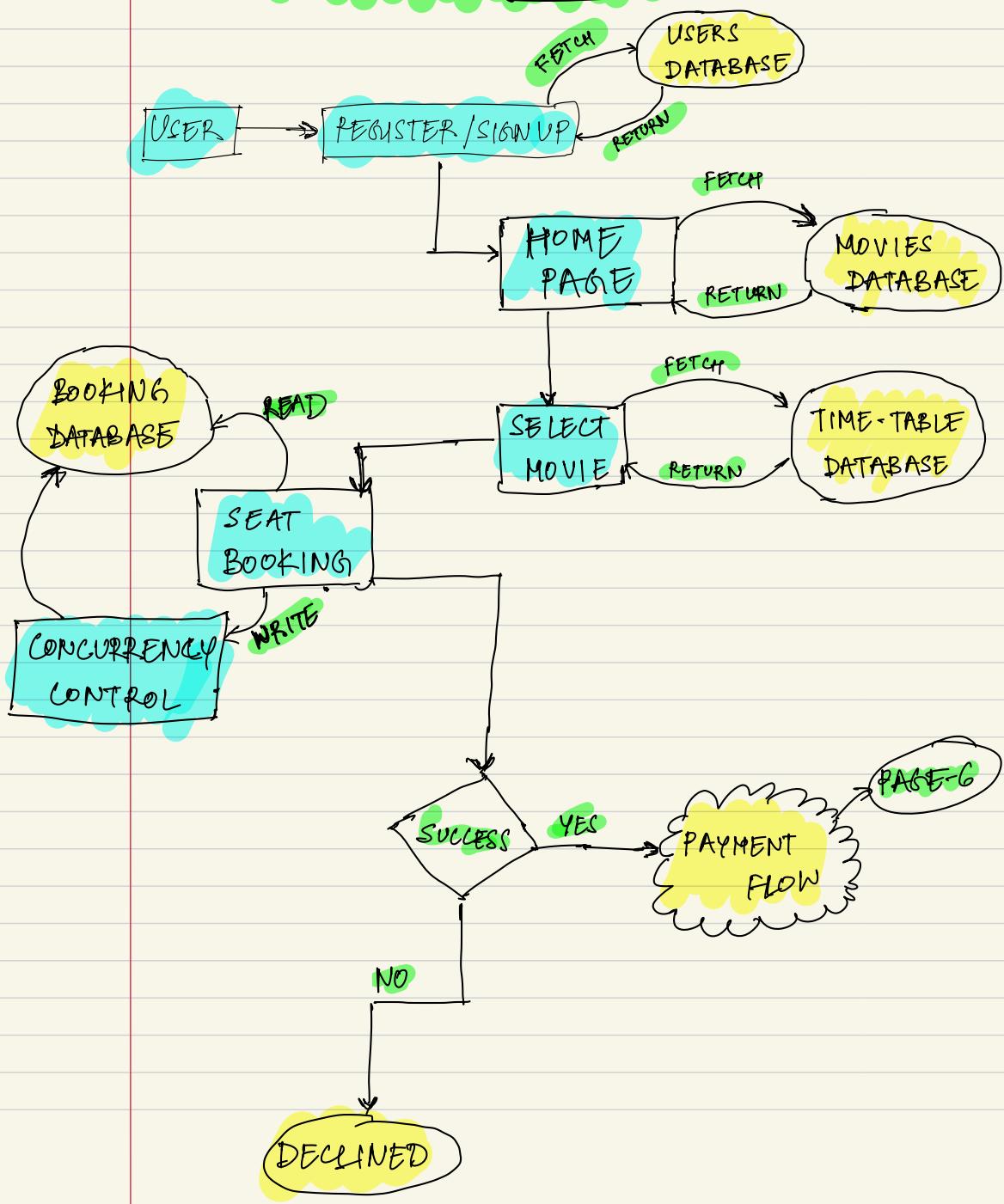
BLOB STORAGE



PAYMENT FLOW



PROJECT FLOW



CLASSES

1. LOGIN

2. USER → USER DB

3. MOVIES → MOVIES DB

4. SHOWS INFO → SHOWS INFO DB

5. SEATING INFO → SEATING INFO DB

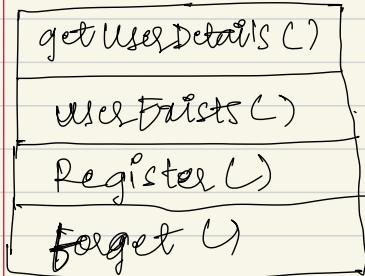
6. BOOKINGS → BOOKINGS DB

7. PAYMENTS

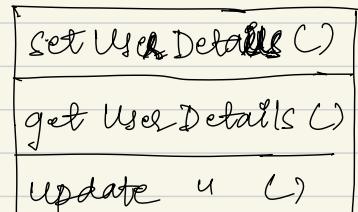
8. REVIEW

CLASS DIAGRAM

LOGIN



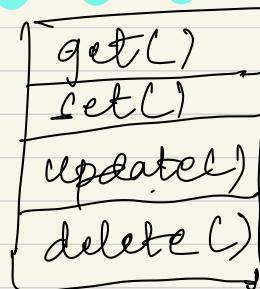
USER



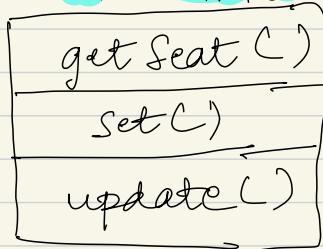
MOVIES



STOLES INFO



SEATING INFO



BOOKING

