

# MERN - II

## Book My Show

- ✓ → Onboarding Movie → Admin
- ✓ → Onboarding Theatre → Partner ✓ and Admin ✓x
- Onboarding Shows →



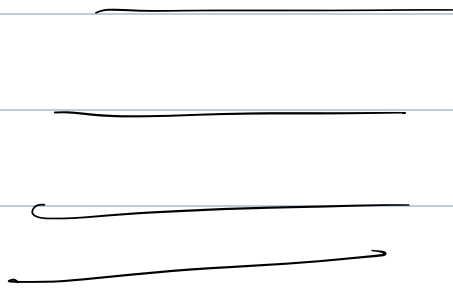
Theatre + Movies

CRUD → Shows

User

Home Page → Movie  
↓

Theatre + Show



Movie, Date

SHOW → [

→ { } s1

→ { } s2

→ { } s3

$$\begin{matrix} \rightarrow & s_1 \\ \rightarrow & s_2 \end{matrix}$$

$$T1 \rightarrow [s_1, s_2]$$

$$T2 \rightarrow [s_1, s_2]$$

Home  $\rightarrow$  Movie  $\rightarrow$  Theatre  $\rightarrow$  show

$\downarrow$

Booking

$\Rightarrow$  Seats + Payment

$\downarrow$

$$[ [ ] [ ] [ ] [ ] ]$$
  
 $\rightarrow \text{row} \times \text{column} \rightarrow 12$

$$\begin{cases} 240 \\ 120 \\ 100 \\ 80 \end{cases} \begin{matrix} \leftarrow \\ \leftarrow \\ \leftarrow \\ \leftarrow \end{matrix}$$

0-12 $\rightarrow$	1	2	3	4	5	6	.....	12
13-24 $\rightarrow$								
25-36 $\rightarrow$								

$$\left( \frac{\text{Total Seats}}{12} \right)$$

$\downarrow$

row

$$\text{rows} = \text{Math.ceil} \left( \frac{\text{Total Seats}}{12} \right)$$

Math. floor  $\rightarrow 3$

$\rightarrow 3$

$\rightarrow 3$

$\frac{3 \cdot 8}{3 \cdot 2} \rightarrow 4$

$\rightarrow 4$

$3 \cdot 1 \rightarrow 4$

row \* column [ (0, 0) ]

120

(9, 11) ]

2-D

$$\text{SeatNumber} = \text{row} \times \text{col} + \text{col} + 1$$

$$\rightarrow 0 \times 0 + 1$$

$$0 \times 0 + 1 + 1$$

$$0 \times 0 + 2 \times 1$$

$$\rightarrow \underline{1 \times 0 + 0 + 1}$$