Design Movie Booking app
- User signin/signup/sessions
- Onboarding - City, Theaters, movies
- Booking Flow - movie, theaters, timings, ….
- Payment & Tickets

Expectations:
- DB entities & relationships - DB store
- Microservices - comm & transactions
- Scale - 10M concurrent users.

Paymentmanager
    CreatePayment()

Payment
1. TypeOfPayment
2. Gateway
3. Amount amount
4. Calculate

              (Loadbalancers ,HPA
    Client -> (Messaging queue) -> Backend_Server-> (Caching layer) -> DB(RDBMS -
    Read Replicas - 8, Write replica - 1)

Tickets
Show, HallNumber, {Seat_ID,}, ShowTimings, UserID,

Entities 👍
1. User -
    String name
    IsSigned bool
    Email
    Password key {name_email}

    Inherited : Annyonymous_user, Signedin_user)

2. UserManagement
    Method - CreateUser(), SignIn(),

Redis : UserID_Email_LogInTime :

Cron

- BookingTheaterManager
- UpdateTheaterDetails(theater_id)

Select * from BookingTheater where id = theater_id

3. BookingTheater
   theater_id
   Hall
   Movies
   ShowTimings (DD:MM:YY: Time)
   Location

   Seats   1 2 3 4
   CreateShow()   2 3 4 5

4. Halls
   hall_id
   Movie
   Timings
   <>Seat

5. Seat
   Timings
   Movie
   Hall_id

6.