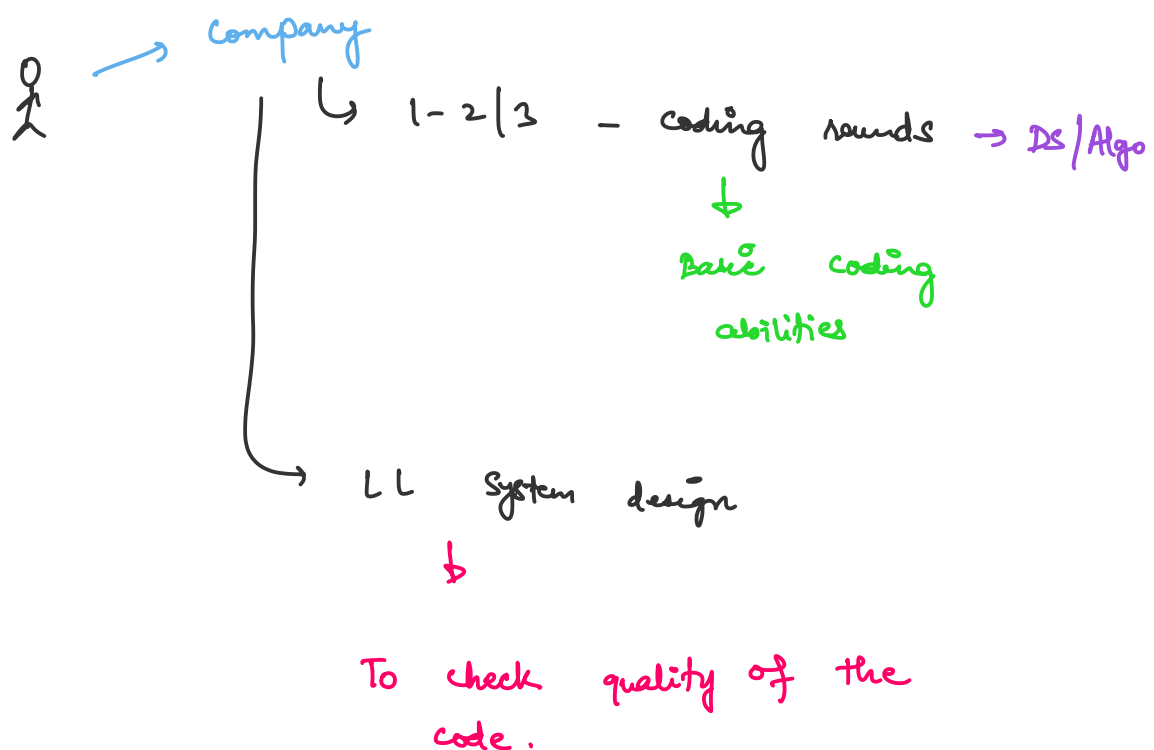



23_01-10-2022

Saturday, 1 October 2022 8:04 PM

Interview preparedness and case study on movie booking application.



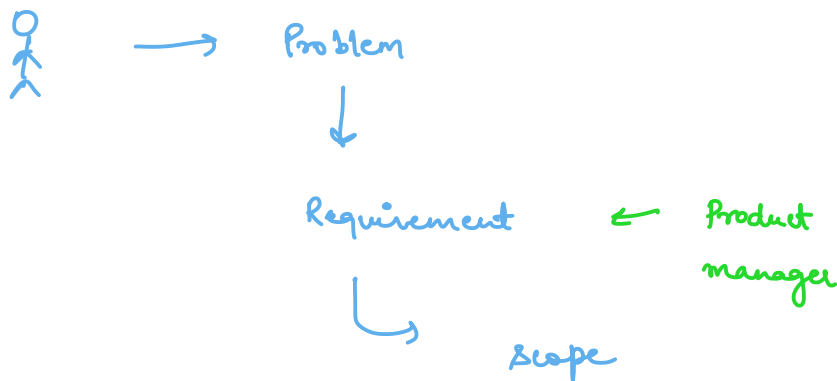
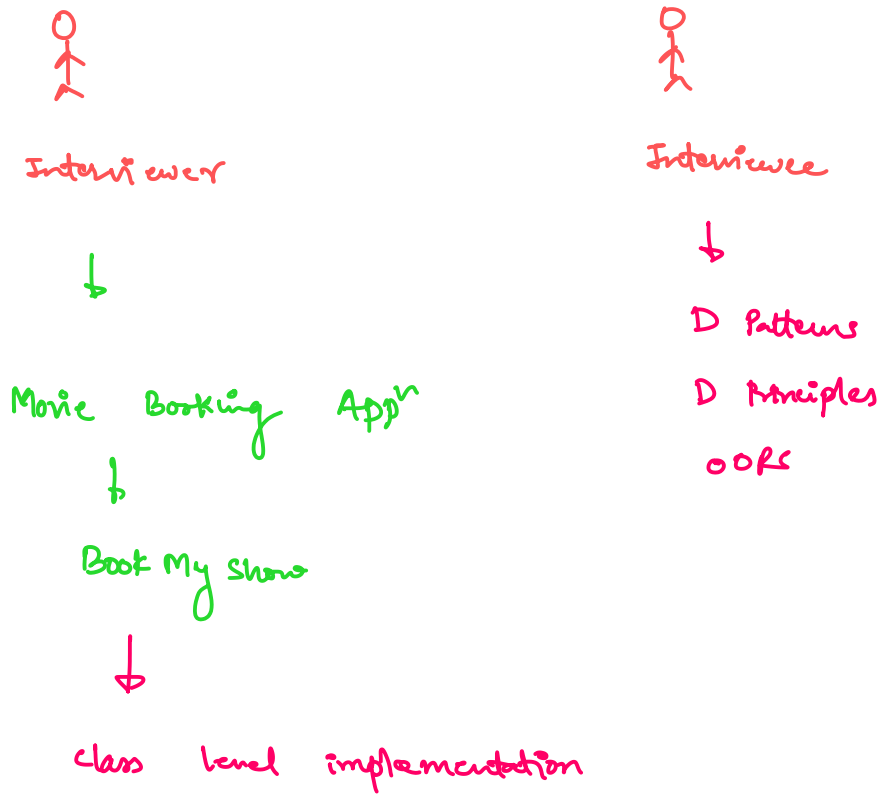
 → what should be a systematic approach to a
 candidate LLD question

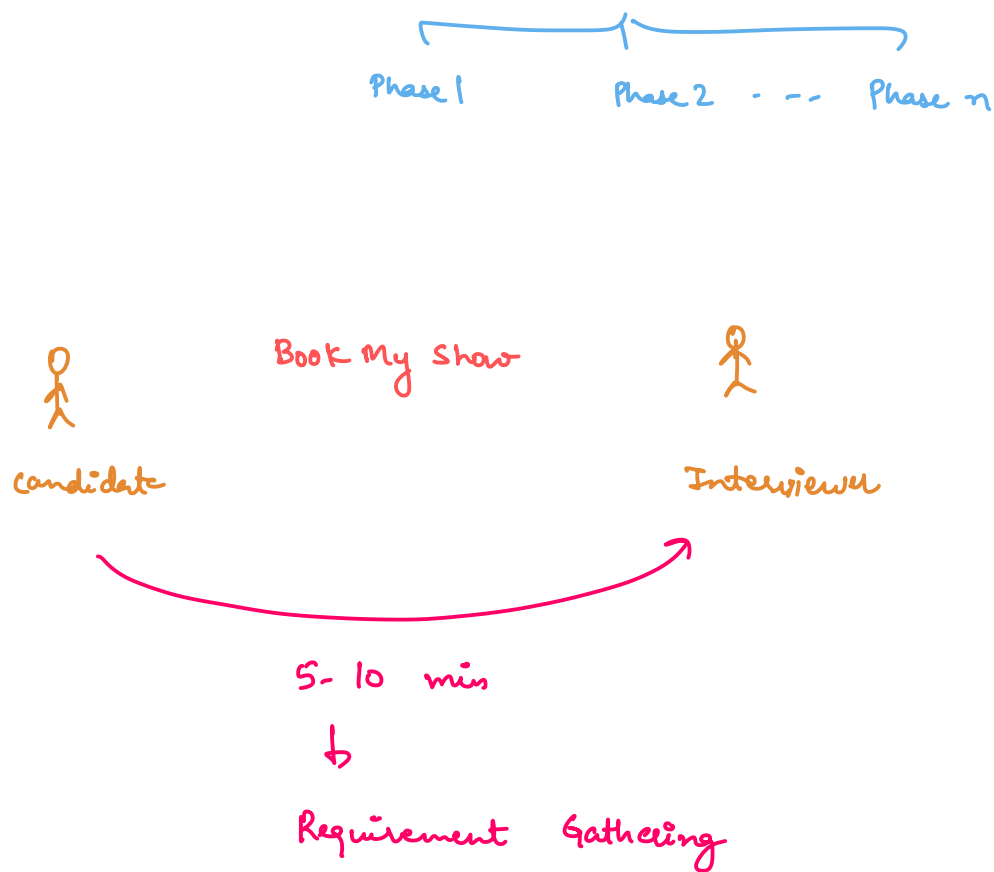
45-60 min





System design round - LLD



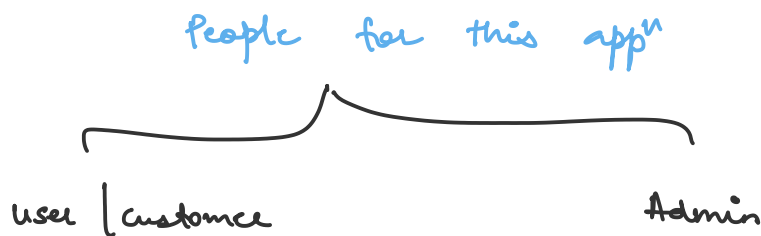


user Requirements-

1. Search for a movie in his city
2. Search for the theaters.
3. Search for the movies in a theater
4. User should be able to book a movie in a theater.
5. User should be able to see the booking history.

Admin

1. Add a movie
2. Remove a movie
3. Add a theater
4. Remove a theater



When you move towards the implementation~

1. Identify all the entities in the system.

Entities for movie booking application

- ↳ customer
- ↳ Admin
- ↳ Movie
- ↳ Theater
- ↳ Address

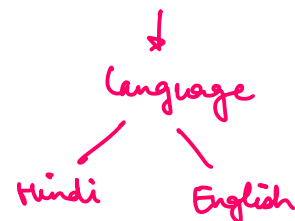
2. Decide attributes of these entities.

customer

- ↳ id
- ↳ name
- ↳ Address
- ↳ phone number

Movie

- | | |
|-------------------------|------------|
| ↳ id | - long |
| ↳ name | - string |
| ↳ description | - string |
| ↳ Duration of movie | - double |
| ↳ Release date | - DateTime |
| ↳ cast of the movie | - String |
| ↳ language of the movie | - Enum |



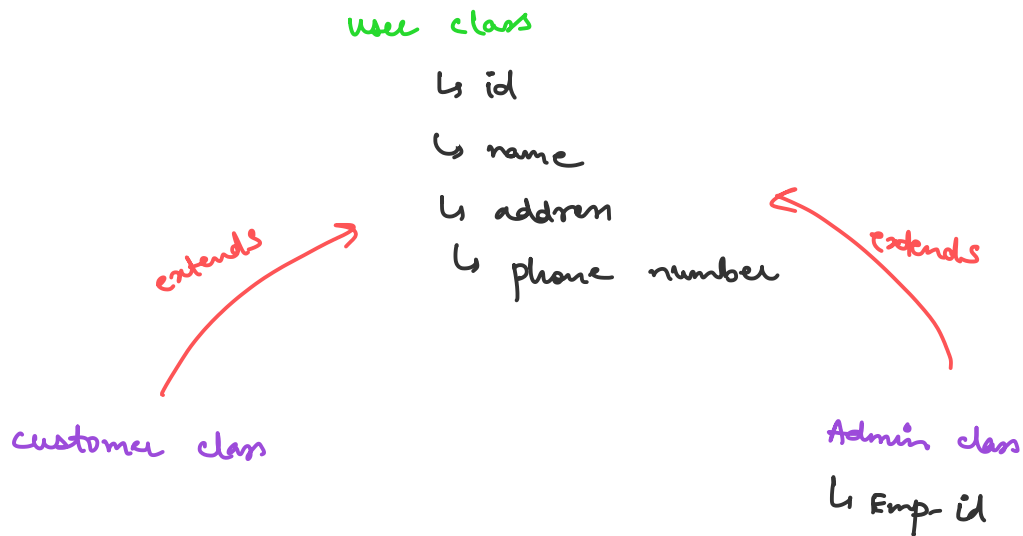
Admin

- ↳ id
- ↳ name
- ↳ address
- ↳ phone number
- ↳ Employee - id



because they will be the part of the organization.

Approach - 1 (Better) → Follows SRP



Approach - 2

