| AGENDA | | | |
|------------------------|--|--|--|
| AGENDA > design T.T.T | | | |
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(A) * APPROACHING SCHEMA DESIGN:

HOW TO FUND CARDWALLTY -

1:1

1:M / M: 1

M:N

1.> for all classes in class diagram - weate table 2.> for each class, Add Primitive attributes in table

Eg: BookMyshow - ticket

| class ticket 2 | si.) weate table |
|------------------------------------|------------------|
| id | S2.7 Add |
| time-OF-booking | id/time/user-id |
| time_of_booking List <seat></seat> | |
| user-val | |
| y | |

3.> for Every Relation - find cardinality

based on cardinality - create new tables

| *] CODE / GOOD PRACTISE: |
|--|
| |
| |
| ·> (I) Judges by code |
| |
| ·> Puoject structure |
| .> Atteast something MULD RUN |
| |
| |
| Always code by functionality. |
| |
| Note: |
| Instead of models -> controllers -> services (x) |
| |
| to ahead with: |
| |
| AU modes Requirements |
| |
| (dauce in your dass diagram) |
| |
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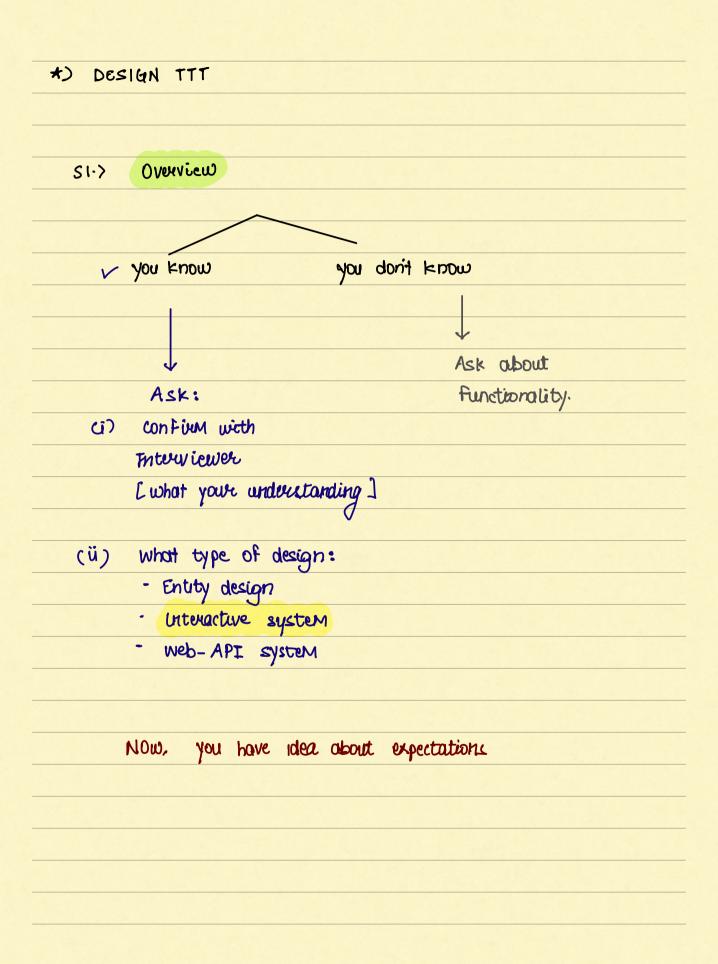
models / controvers / service

Models → AU classes in class diagram

Controller → Entry Point for Requests

Service → does AU hardwork

Repo → classes that Query d/b. (DAO)



| 52.> Gather Requirements: |
|---|
| 52.7 author Regimentette. |
| |
| → bive suggestions with Rational. |
| Eg: |
| 0 |
| "Board size is 3x3" —× |
| 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 2 1 2 |
| |
| 0.) will board size be 3x3 OR can be |
| variable ? |
| |

EXAMPLES OF REQUIREMENTS:

- size of booked can vovy
- # Of Players: (N-1)
- Every Player has own symbol
 Every Player can select their symbol
 [UNIBUE]
- who Plays furst: V)
 - Randomized list & Play in order

Eg: A,B,C,D ROHODM. > B,C,D,A

VIZ Can Game have bots ?

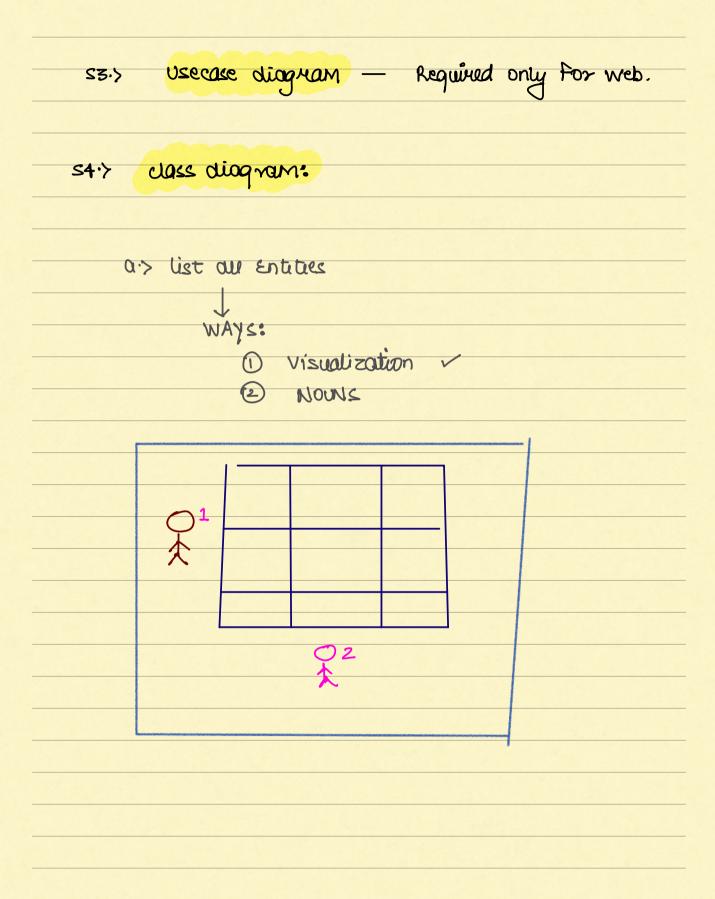
Edge case — can all Players be bots?

vii> Bot difficulty level — Easy / Med / nard

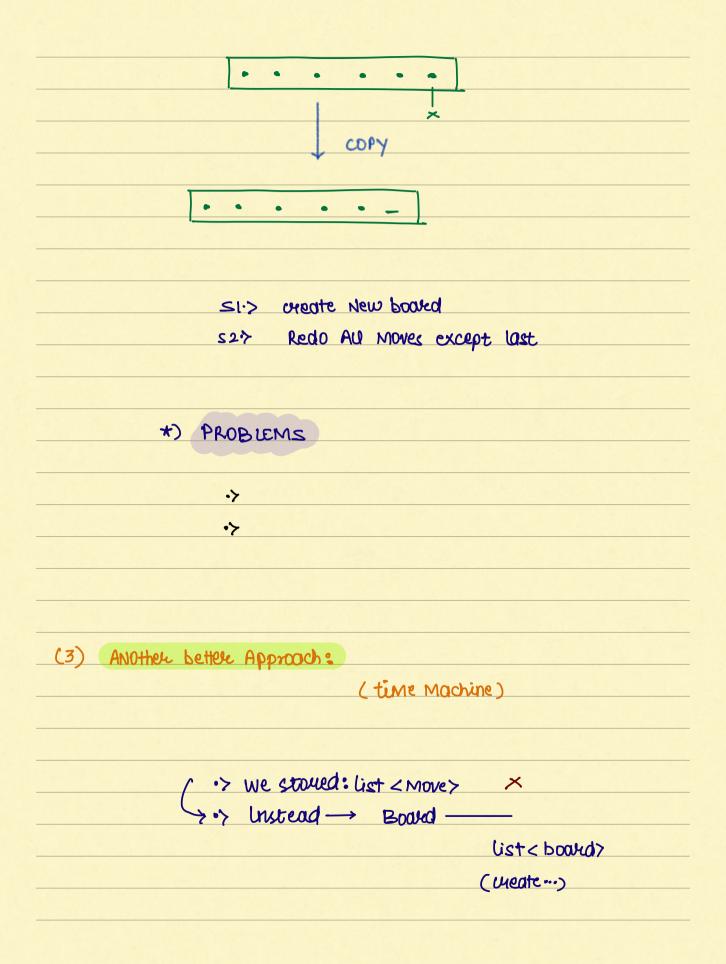
- viii) How/ when Game would start?
- IX) How can hame End ?

| DRAW | WW |
|------------|----------------------|
| | |
| | |
| | |
| Any U) has | Everyone but (1) has |
| WON | won |
| | (LUDO) |
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MULTIPLE WAYS A USER CAN WIN: can be Multiple ways. ROW COL DIAG → This is decided at bame staut Blocked cells [Not considered] x·> xi> Player can UNDO ANY NO'S OF UNDO. <ii>xii> Re-watch Game (store oll Moves) THINGS TO NOTE: # size of board / # Players / bots ! Any Game: WCN-viteria / UNDO/ Leaderboard / Game start / Game End



IMPLEMENTING UNDO: *] consider as - Global Move - anyone can do. •> Every Move is stored in List< Move> (1) way Remove last element from list < move> SII 52.) update bookd / ceu update twin (.82 IM PLEMENT: Chess Game - can be challenging (2) better Approach for UNDO-·> we have list< move>



SUMMARY!

| * if reventing move is easy - use (A1) |
|--|
| Else |
| A2 OR A3 |
| |
| |
| |
| |
| The solution of the second court of the second |
| Tip -> different ways to implement undo -> can use |
| |
| ———— design Patter |
| 0 |
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