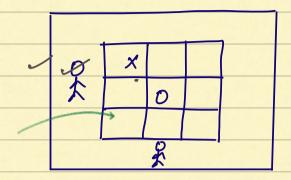
A GENDA
·> class diagram TTT
 class diagram TTT decide winner in O(1)
> code
Start by 9:07 PM IST
NOUNS VISUALIZATION
VISUALIZATION



Player symbol
Board
Gett
Game

(1) Game

• List< Playou>
• Board

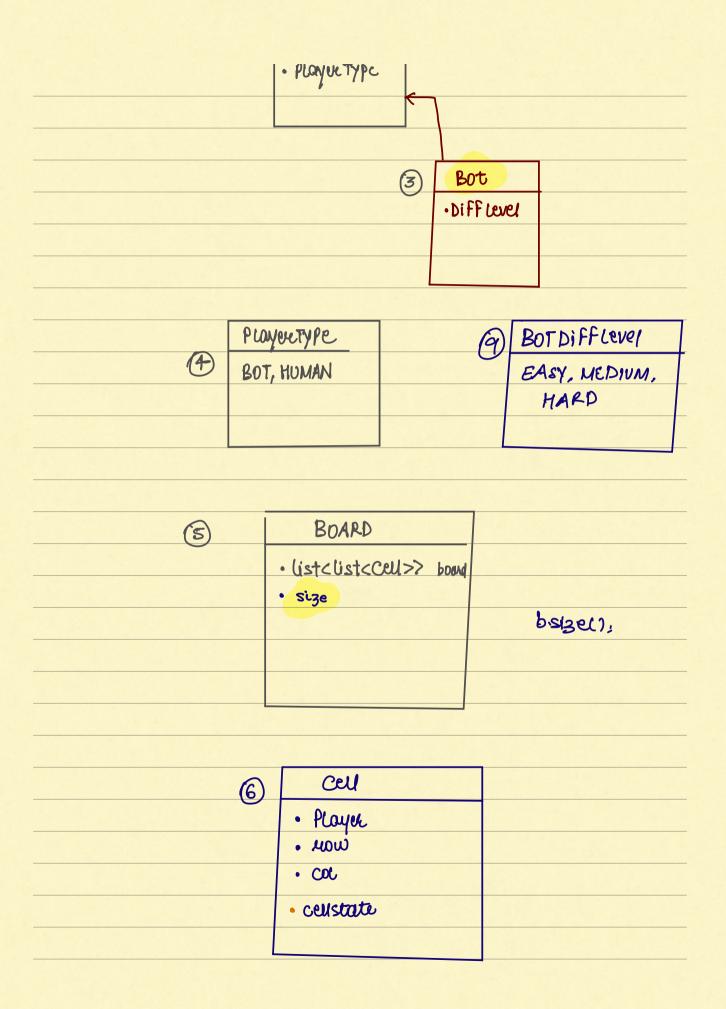
Player

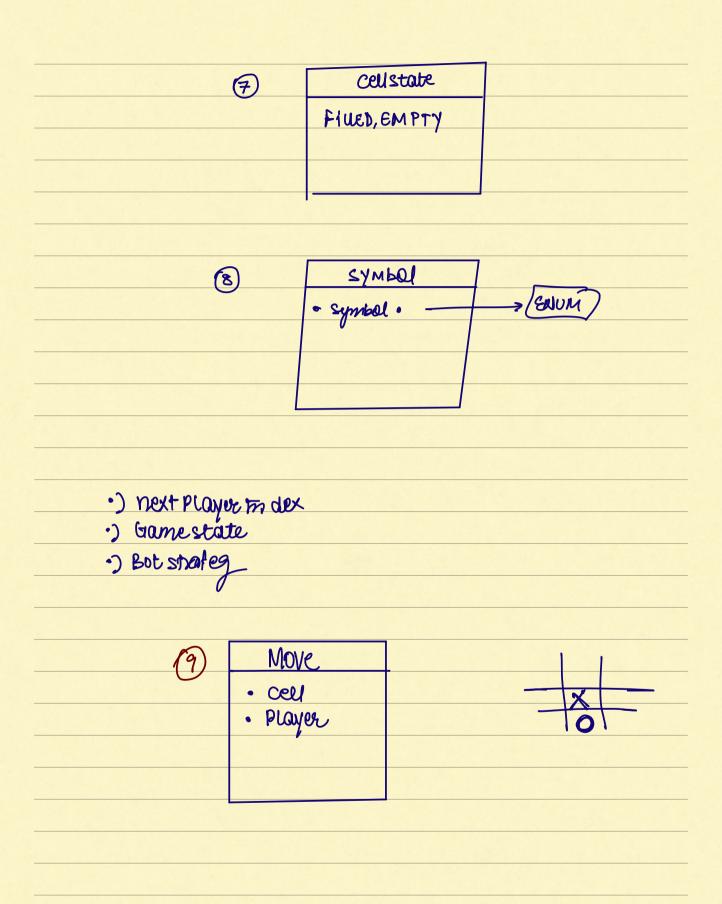
name

symbol

age

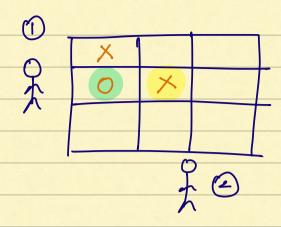
id





	Саме		Player
	· List< Playeu>		AB CDE
	· Board		<u>^</u>
	· Ust< Move>		
	· Game state	/	,
	· next Player Tax		
		(10)	Gamestate
			END, DRAW,
			W-PADGRESS
\longrightarrow	all classes /a design Pattern	ttributes/	Rulations
→	design Pattern	ζ	
*) DESIGN	PATTERNS:		
1.) Strateg	ıV		
_	finding Bot dif Rule winnings	ficulty <	
	Rule winnings	strateau -	
-	Playoustrateury	of	
	,		

2> Game Object -> validation pass2
2> Game Object → validation pas? +many attributes
(Game Builder)
*) FUDING WUNNER IN OCI) time:
1 fue now same symbol 1 fue col same
1 Full DIAG Same "
1 1 444 2114 2000
God: to find winner



*) Better Approach

checkwinner (Board board. Player last Move Player) 2

for every col:

for every col:

If (all (symbol) in any row 11 all same symbol in col 11 drag)

netwen true;

Metwer Palsc

VO(N2)

*) More Better Approch
~ <
\rightarrow \times
checkwinner (Board board. Player last Move Player) -2
① for loop → Row
② for loop → coc
if (dingonal) \
if (diagonal) I For loop for diagonal
Y
Hetwn Falsc
O(N)

+) BEST APPROACH: O(1) O(N) -> O(1) X X 2 Players 3 R P1 R 3M D 图火. After Every Move: Insent/into Map....