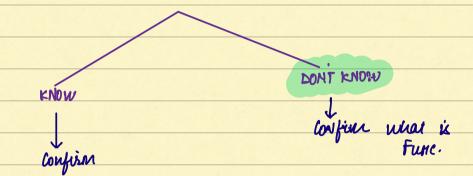
AGENDA			
1.> Design Parking LOT			
1.> Design Porking LOT - Requirements Management System			
- class diagram			
auss diagram			
start by 9:05 PM IST			

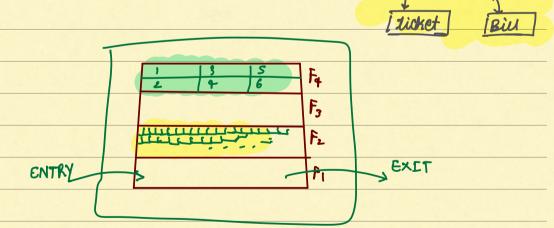
#] DESIGN PARKING LOT:

1.) OVERVIEW:



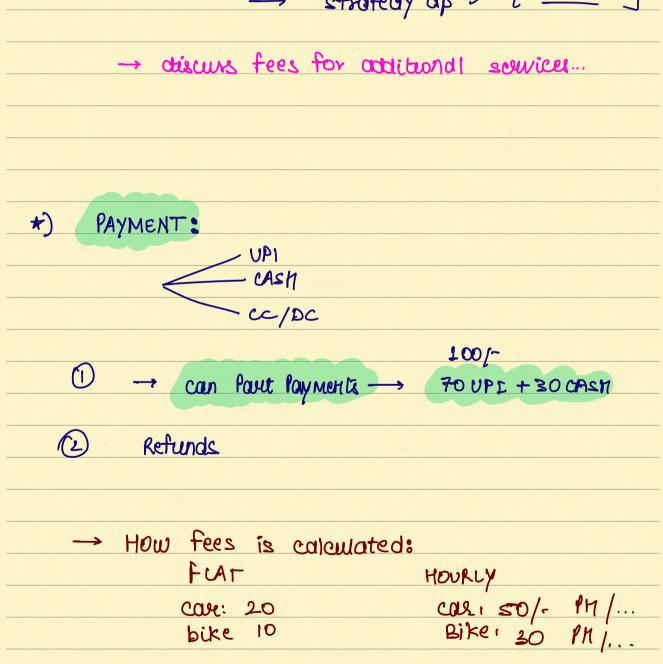
REQ GATHERING: 2.>

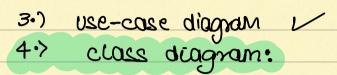
suggest veg. with kational

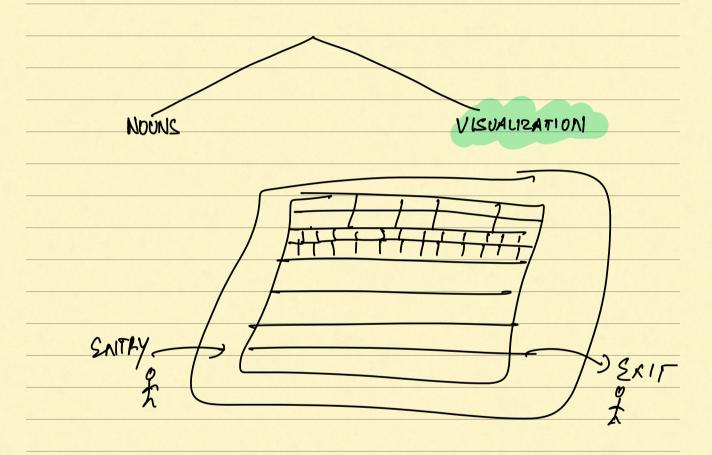


- 1.) single/multilevel Parking
 2.> Type of vehicles supported: 2w/4w/Ev
 3.> dedicated Parking spots for ew/4w/Ev

+> Multiple Entry / Exit Gores
5.> Multiple Pauking spots on each floor
> availability Pour anywhere
Park anywhere
Pauk at designated space (v)
6.) Multiple ways to assim spot to vehicle
but use only (1) at one time
7> Restricted spots
8> diff Pauking spot for diff vehicles 9> Diff. Facilities — Ev charge at spot
10.7 ticket is Generated at Entry, Bill & Payment happens
at exit
11.> Operator is Present at Each Late
12.7 ways of Payment -> online/cash
13.) system should store vehicle details
1.) fees calculation ?
2.) spot assignment







In Real systems - Idatabase

AU classes - stored in PB

ticket

id

time

amount

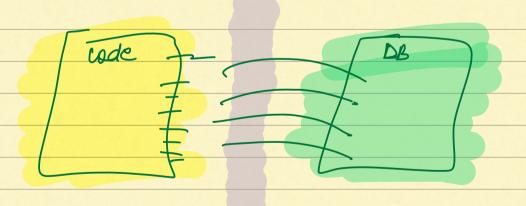
time

amount

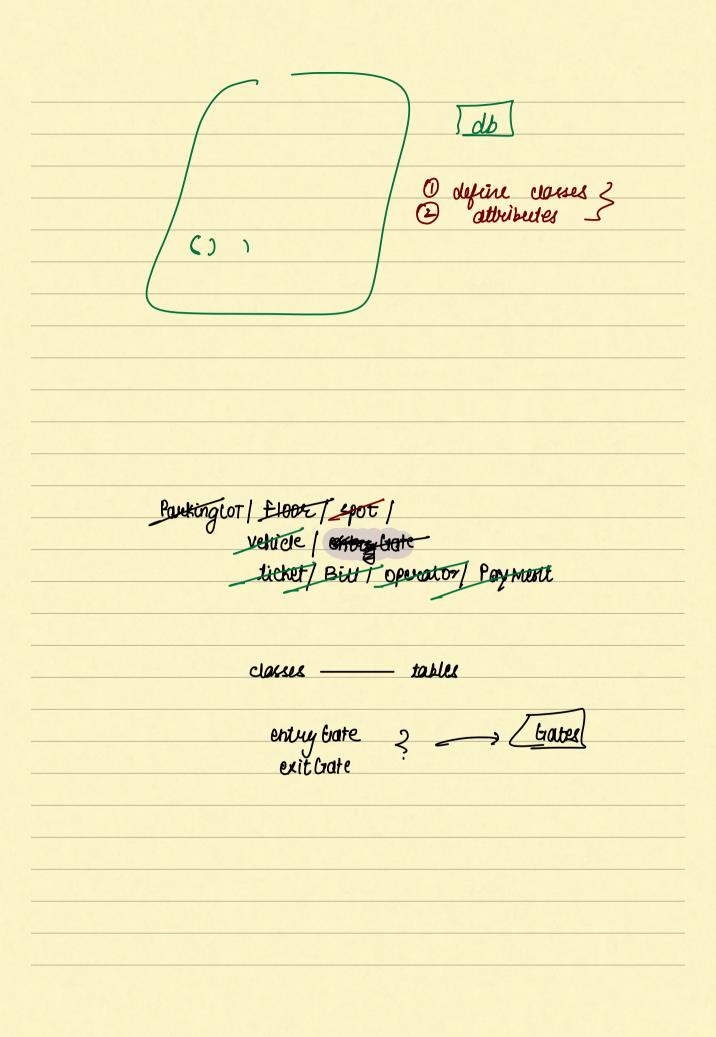
Generatic;

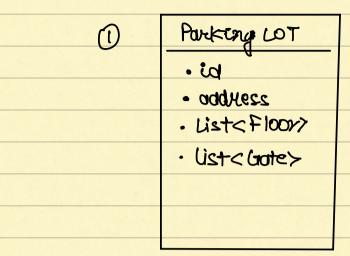
(sourice layer)

Controller

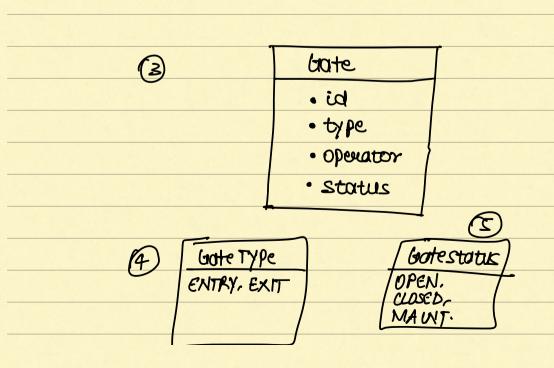


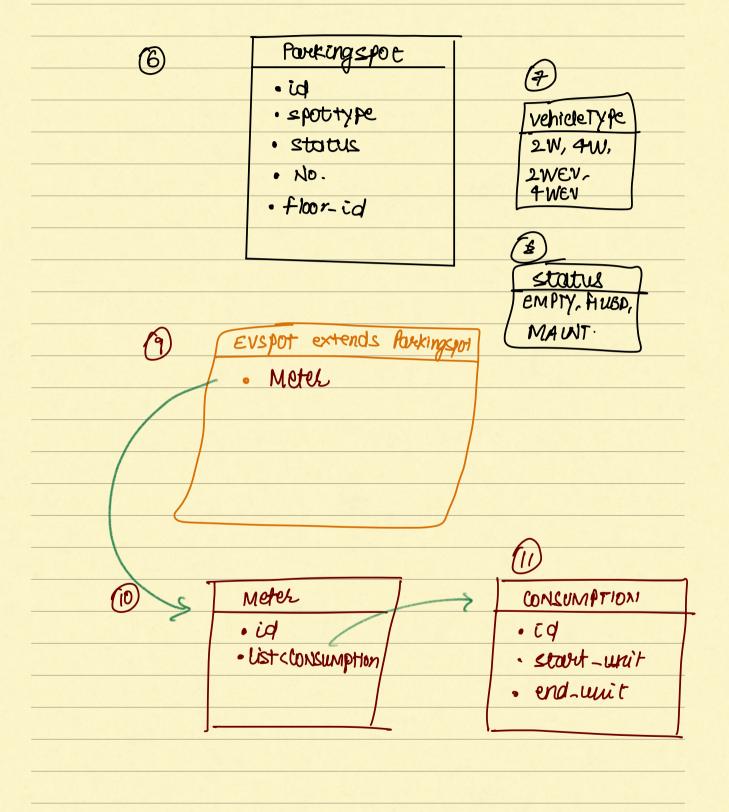
(0.R.M)
Hibernote
Object Relational Mapping

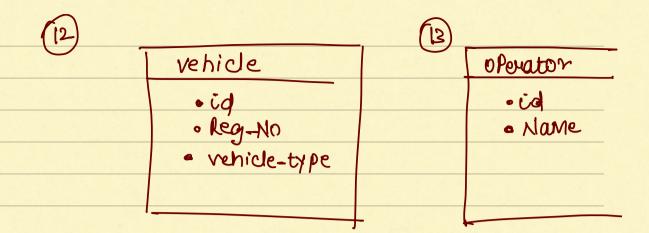




(<u>1</u>)	forking floor		
	·id		
	· List < Parking spot?		
	· floor_no		

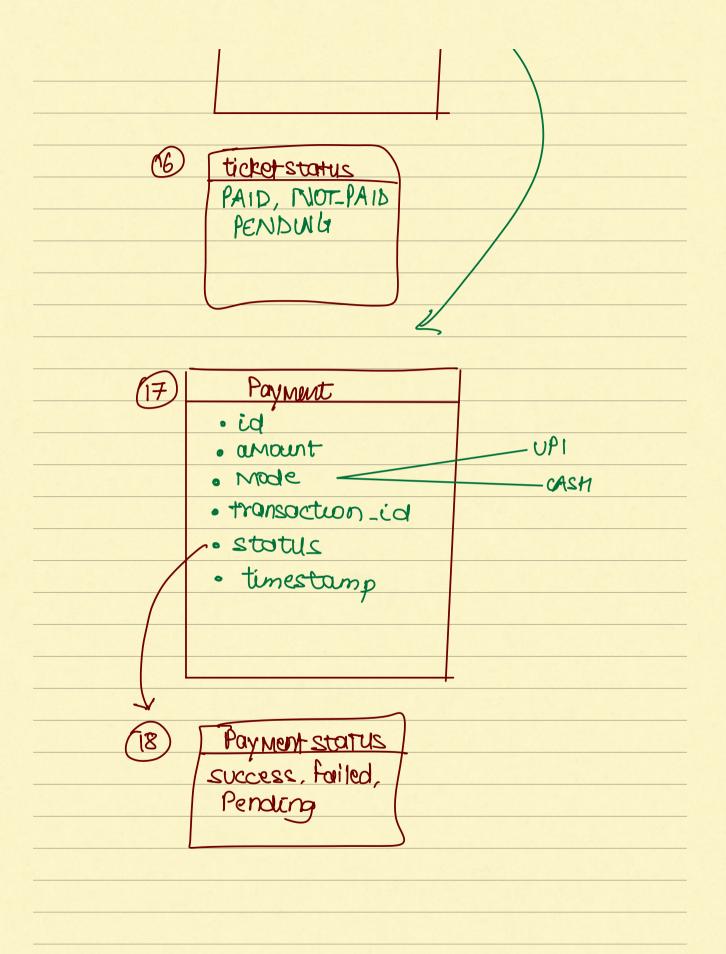






(14)	ticket	
	bi •	
	· vehicle	
	· ertry-ture	
	· operator	
	• spot	
	• id • vericle • ertry-ture • operator • spot • Cate	

(1s)	Biy	
	·id	
	· total-amount	
	ticketexit-time	
	• Gate	
	• Status	
	• List < Payment> -	



*)	DESIGN	PATTERNS:

- o) fees, allocation
- Buider for Parking lot decorator for fees calculation

Map c vehicle Type, Base Puice >
Map c vehicle Type, Hourlymultipuer>

HW

complete schema design 2 levise MVC pattern ?