LLO: Besign a larking lot Real System D WYC Management System Summer Requirement Gralhering -> lach eftou has multiple spots Can have multiple floo outh type of GAbrehide com only

Pork at a elot of its own type - 3 Briting Gothe Dave a Dieplaymond to show current availability count for each vehicle type - At entry gote, a token is issued to the cale Exit Grow Entry Gal

-s he slot at which a vehicle should park is determined by the token & Choose any random available shot Care reacher the - s A Will is generated when a exit gale -> Bill can be paid online via OPI/CC/DC }

Or via couch at the exit gate. 3 fees is a function of type of waters

turne at which it was -> for every glot there will be diff p arked per hour cost ber her cope Tune Clots 00 12AM 6 AM 6AM - 4PM 150 elictricity uco 4PM - 12PM 200 multiplu Olwation C 2 holes

Shottypes ?

CAR

BIRE

MEAUY

CAR-PREMIUM 3

ELECTRIC Z

Ploor 32 grat 34

-> Every floor las mir of vehicles

-> Will stone address of every parking bot REQUIREMENTS

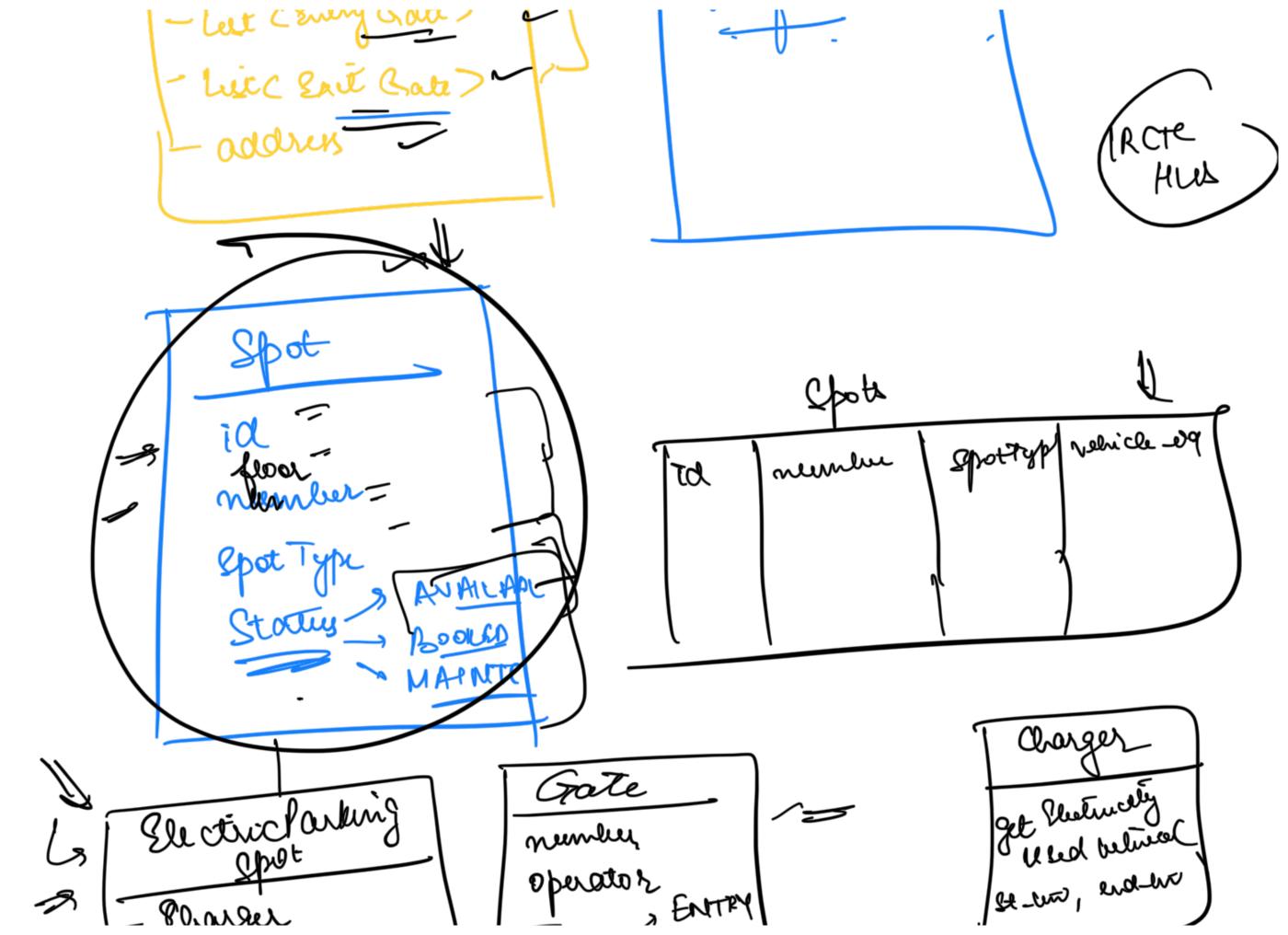
Spote are of different - Cypy

MELECTRIC F CAR-PREMIUM) -> Parking bot has multiple centry gottes to cent gala -3 At entry gote a techt is generated. -> Vehicles to park at the spot mentioned on the ticket a luill is generated-- When a var reaches exit gates type -of- clot Jess is calculated as a for of duration - of -parduring entry-line Jan ferture there can be other usage as Or véa onlein -> Bill com be boid dettre via cach

Its Payment Ccypc/1

Show they americable seets for each elect type. CCYDCI UPII -> for every type of east there is about for how cost of part there are different multiplicities. -> Every parking lot has address - Buery floor com have diff type of spoke. Jose S Place S Place S Cloor 9 Gloor 9 = Spot Type < liet (grot)

Cest Capor-A Abor, Ala Class Diagram name - alli Visualization -> Noun Parking Floor Parking Lot int floormine . · . 0 M. D. L > V



Type - FRIT Exit Gate Entry Gate -Display Board posice Invoice Ticket : A (-

Name Ticket Vehicle = v elide c exit Time amount Operato 2 PAATIAL entryTum Parkinglot SUMPAID Bill Paick Storm Payment

Payment

id

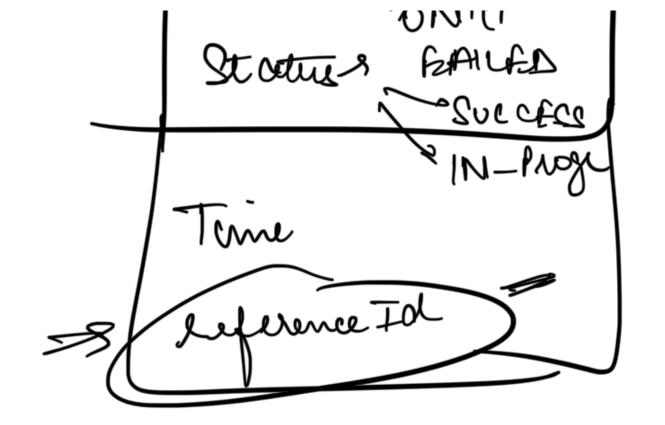
Bill

Bill

Mode

CC

DC



Bill - Pays Succeeder

٨

Display Barrel Map < Sport Type, Tutiger)

Parking Spot PerHour Feer

Type

Map < SpotType, Integer)

Ag No

CC fees Calculator Strategy>)

Calculate Fees \_\_\_\_

CC Spot Assignment Strottegy>)

