

Management System

- Panking Lot

- Booking Show

- Splitwise

- Email Campaignt

Design a panting lot

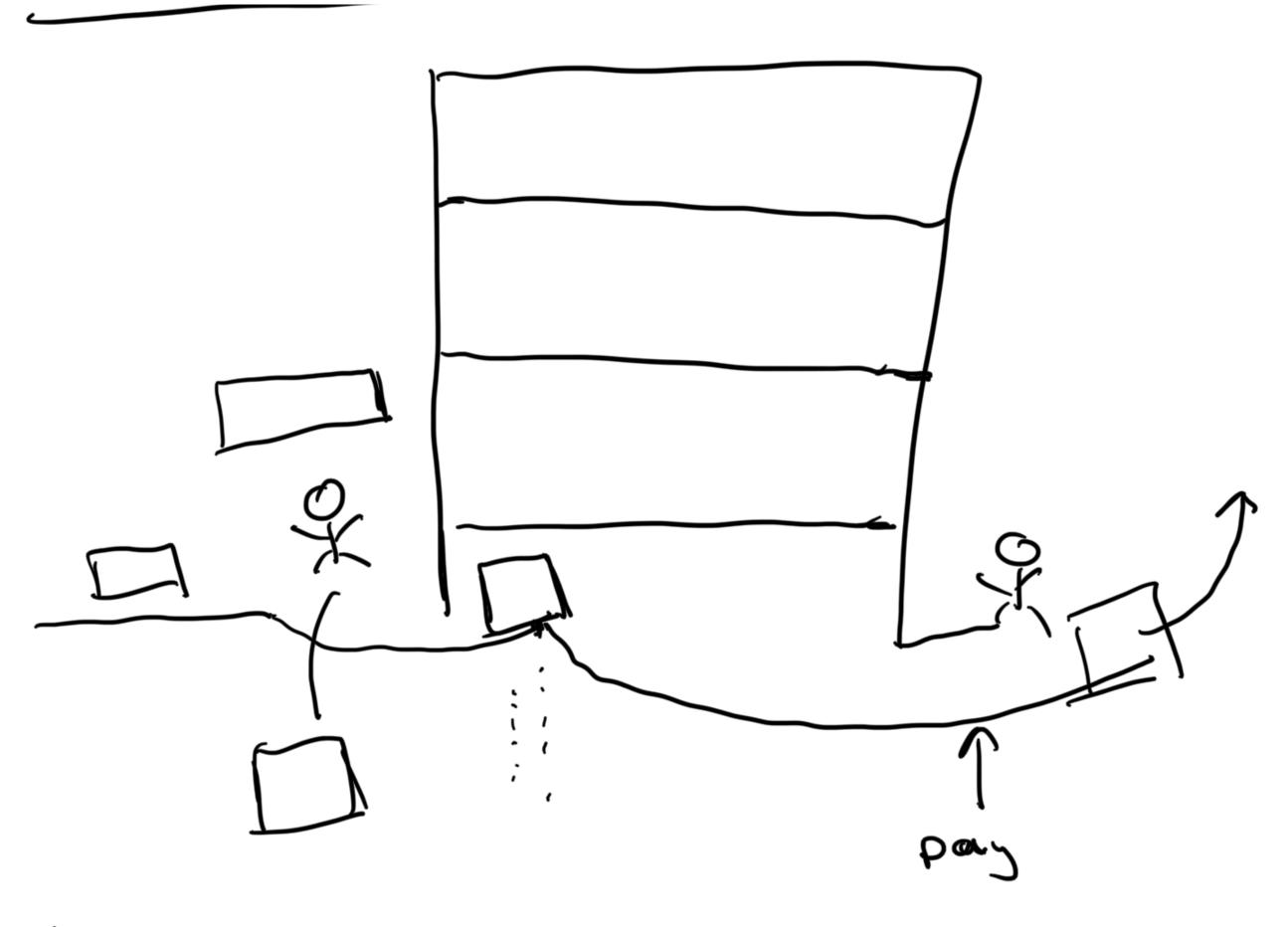
Design

Requirement

TAPI

De sign Use case ' - Class Diogram - Se quence Diagram | > Implementation -> CLI - command 19 A C--> Controllers | In men on -> Repositon

Parking lot



Requirement Gathering

Overtions -> Requirements

Conent Scope & What?

Future Scope Can?

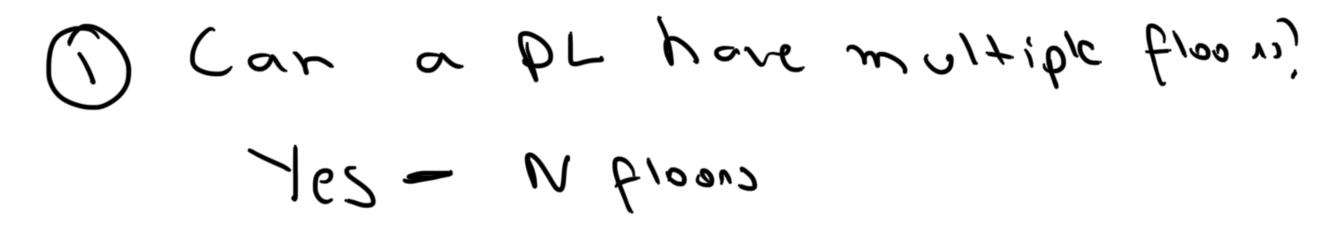
Meharioun & How?

TEACH 510+ con be in vanious

SLO+03 -> AVBL

OCCUPTED

OULOF Service



(2) Each floor will have multiple slots

3 Slots Shedium 9 - Form
Small 2 wheeler

4) A vehicle can only no b

told of the still it Waltible Grynn Doyes & Gayes Each extry gate will have a display board How do ne exter)

Thow do we exten?

Denoted will give you

a ticket

(B) How do ne pas?

Cal cul ation

-> cost (+ype, dun ation)
50+80(+-1)

-> cos+(+ype,duration)
entrytime)

Modes

- (ash)

- Credit Debit 5 - Online

Pasment counter - A4 every floor.

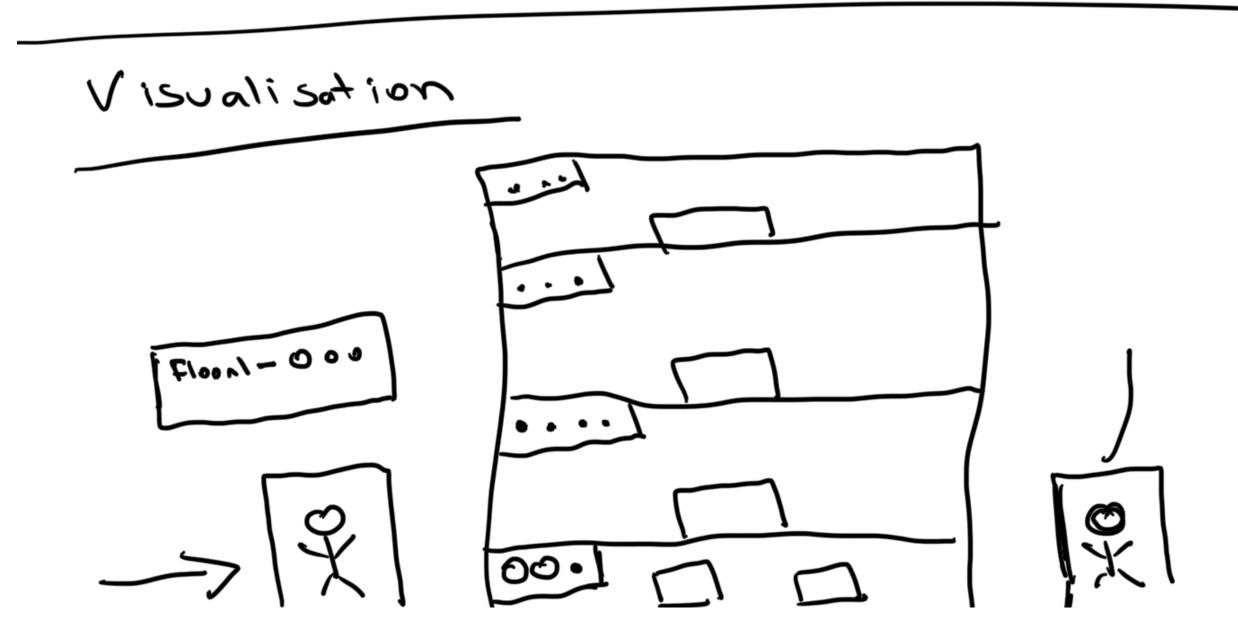
Pisplas Board

- Empt 2 slass

Allo cate

> Future might wont to

And now appe this more obtinal



The me a slot

(2) Allocate a slot

5 Give you a ticket - Vehicle No

- Extro time

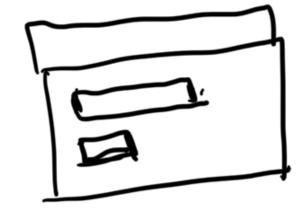
(20045)

6:07-6:10

- 10.4~

API design

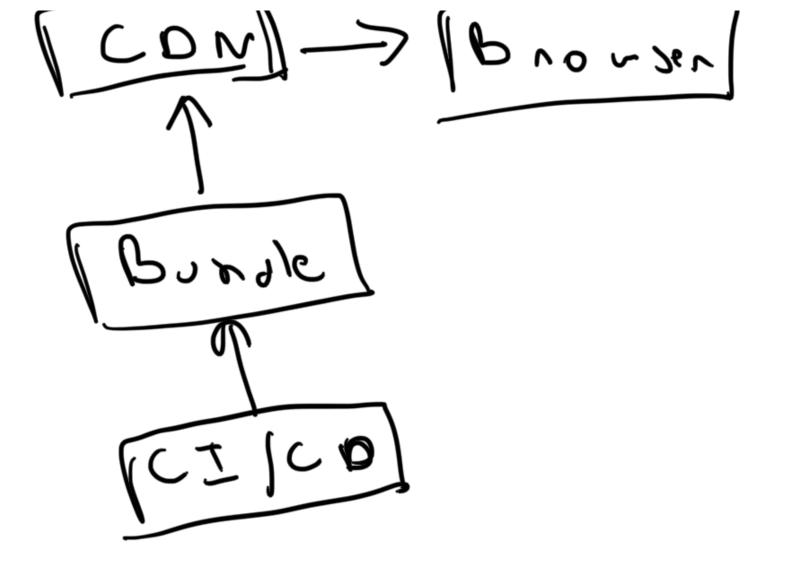
Admin





Done

FE code -> Exe cut able JAR Wheel Doben WAD Face images WAR Eggs



FE > API

Desping - Spot

List of all

parking spots

XNL > En velo pe GRPC API -> REST SOAD L Groom OL

Panking Lot -> Resource
Panking Spot -> Resource

VERB [resource | 2 resource Id]

[pan bing-spot (1)

CRUB

C - Post [Put]

R - [G-et] Post

U - [PUT | PATCH]

D - DELETE

panking-spot name: Parbing Lot 1 Not i you botert ~> 0 0 /4 0 ×

PUT / Parking-spot lid

P54 V5 P.20x

Complete up date

entere Burg of of the AC

PUT / pan bing-spot 1: 12 | status

pur ps:id 2 name: 'New Name'

nome:

87=707: NOTE

PATCH [PS[:1d] -> Poth parander.

[S
Field: name
Op: Set lunser | concet

y value: " New Name"

6 ozt - Creeting

- Ober exion

GET On bing-spot Stous= AUBL

Q vens

Search - (DO7+)

1) A pi De sign U se en se -> AP Design Do yz

[Po yz]

[Senyboin] | Grevz

-> Sungger -> code -> Postmon

Monday - Parking Jo

Admin

(2) Class Diagram

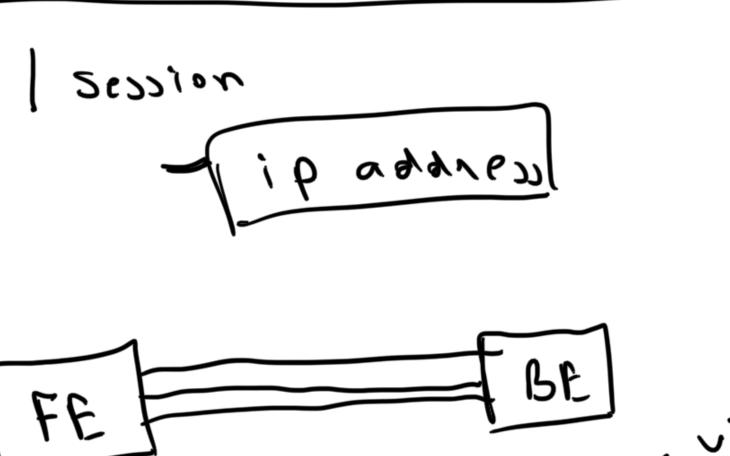
Tuesday

3) Models - Entity Closus
- DTOs

Controller Service Repo.

REST -> Representational S Lotc Iron Eter -> login -> | pombing-spot |

3



vien cont

[JWT] -> U ser

- pa sswul

- email

Some: "Name"

Shatus: "AUBL"

7U9

ξ ~ ~ ~ c: ~ ω)

> DB name = null (Cuolve 1== 2011) Status: " ANDER "
Status: " ANDER" 2 cme: null

Patch, > Object

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