Agenda; 1) What B LLD? ") why com LO? - world development futerieu (11) types of UD Enterviews the one breep design Machin coding (v) flow to approach up problems v) Derign LLD of a system Ule Paym vi) Clan diagram/ schema derign what is LLO? 7 + System Derign < up [tow level]

HLD LLD Overview als brack bird's eage Show Calle S١ Load Bolover Messagne Queues ςz

LLD => 90 Into details

L> suprementation of the

Squ System

- Clarks

- clarks

- methods

- cathibres

- take to each other

- DB dergn | schema

9 hm = 100% = +1211, => engineer sepends only 1211.

of time to achievely code 30 UPA => 121/2 => 3.6 UPA -> codo Things engineers do! 1) Meetings - gather reg. 2) Delaugging - read & rejactor code 3) Documentation - sead code and create documents for earier code 4) Derign - structure Curdensfauding 6) Analyzing -> reading code (ode rencu - reading code 2) coffee 8) NORYD

most of the time 13 spent on rading (understanding code
us.

=> why we need to learn LLD?-

1) Understandable

Tourist Polym

(1) Remodele

(1) Endeuriste - adding new features

(1) Maintain able

(1) beep runing as it

updata of

Uncorns

=> LLD interviews, [3.5.2 pm) [45-60mm] us Dergn Machine Cooling Theoretical -> Product companies -> genta based, mid but -> Derign the → 000/s System - gather reprisements -> 45-60 mms and clarify - No derign -> Use case diagram → Clars diagrain working code → Schema derign is reded → Cude (X)

Code only the Classes

Suggest

Suggest

Gastin more requirement

Como denign

3) How to approach boliving a LLD problem;

9 hother requisements:

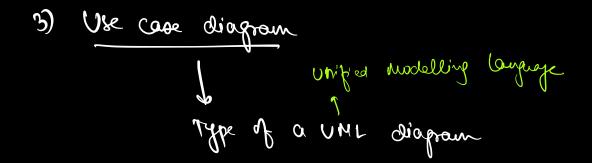
- ask questions
- juggest ideas
- -) Create visualization

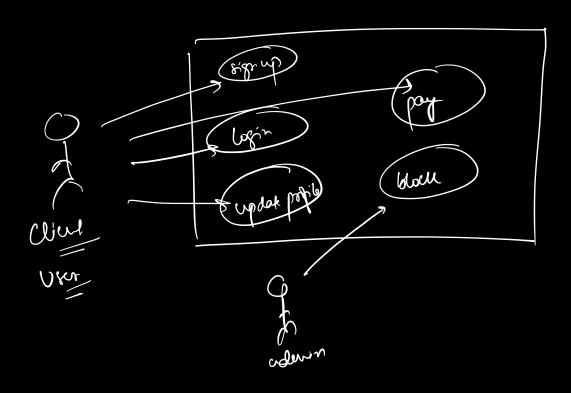
a) Clamby requirement:

- Current scape
- future scope
- Behaviour -> 4 details of each feature and functionality

Product Requirement

Oocs





3) Clars diagram!

- Dont have to write every class in system

-) Write classes for different entities

+ User Transaction Payment How

- 1) think of our the nouns on the
- 11) Visualix the user fourney

BMS => (City, Movies, Theatres, Shows, Seats, User, Payment, Ticker

Clars diagram: A diagram of a system depicting on the clarses and their relationships

=> Schema derign !

1) What tables will be present in

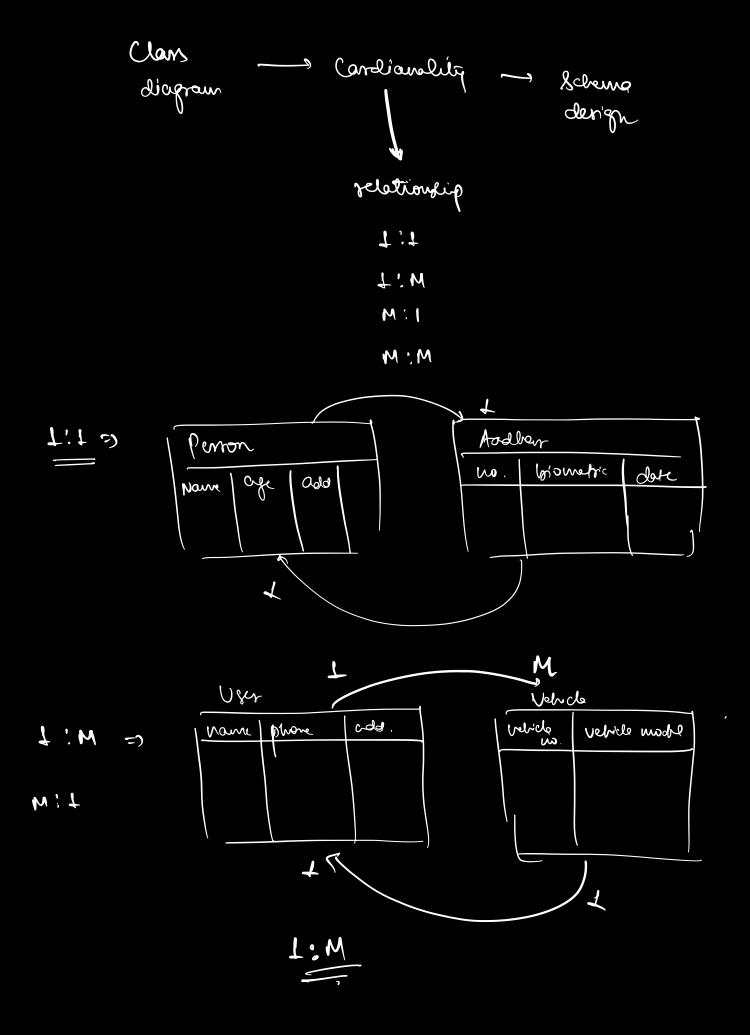
11) what is the relationship bolow those folder?

"") How to represent the relationship?

diff columns,

DB normalization — INF, 2NF, 3NF, BCNF (Jeduce

Kerdeerdaney)

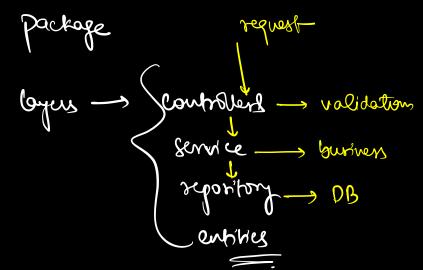


Perron amoi Alab Nouve M (ourses mile dock round Human Runon

Mil

ASSUME => ASS + U + ME

=) Code Structure:



Descent Duriger Parkern

11) Head First Duriger Parkern

11) Refactoring hum

11) Refactoring hum

11) Ciffertive Java

11) Clean wide.

1) hathering requirements:

-> Signup -> email, mobile us.

Seval OTP

- login - cenail, mobile 100. 970 browsing

- Setup user détails -> KYC détails remity kyc

-> Send money to Other Usons

Mul Minimum Valle modult phone No.

- UPI 2d

OR code - Bank Mc

-> Source for payment

Jebrit card, Credit, UPI Card

-> See Wistony

=> Pagnation

=> 10 transaction, (page

=) most scent from

2) How de you handle transactions;

I) we want to allow rely

u) we should allow aboute payment

(11) If the sender of secieuer has any tesue, we will cancel the transactiven and refund any money.

=> User Journey

A -> B

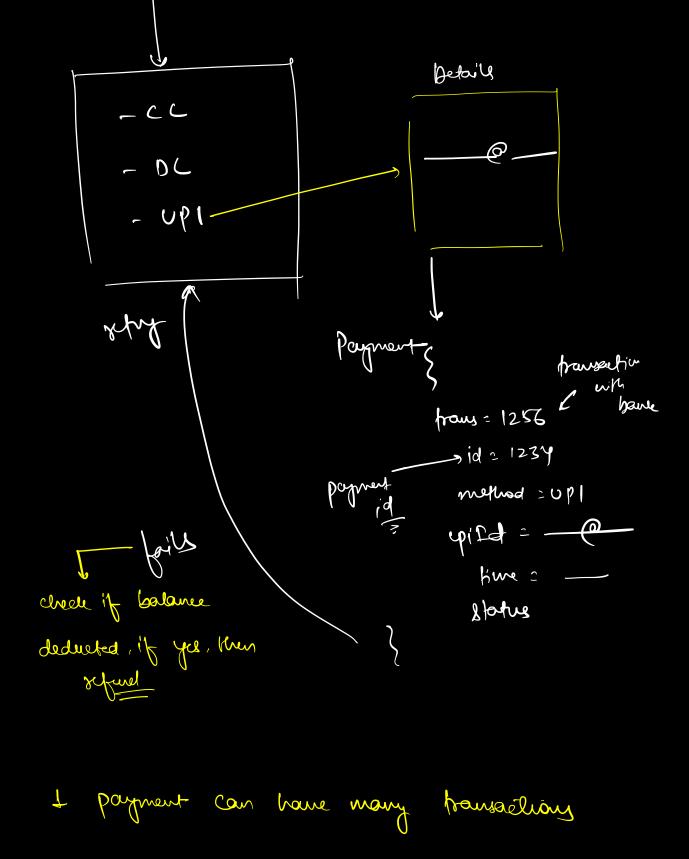
Paymon }

id = 1234

fre-A

dest = B

amout = 1000



1) foiled pressections;

Payment transaction failed

1000 tons

1000

boursetuen worked

Pagnet

Pagnet

OF B

Up 1000

Mark-post payment

M

User

- id

- vaure

- phone No:

- email

- List < Payment >

- da Payment ()

Payment

_ id

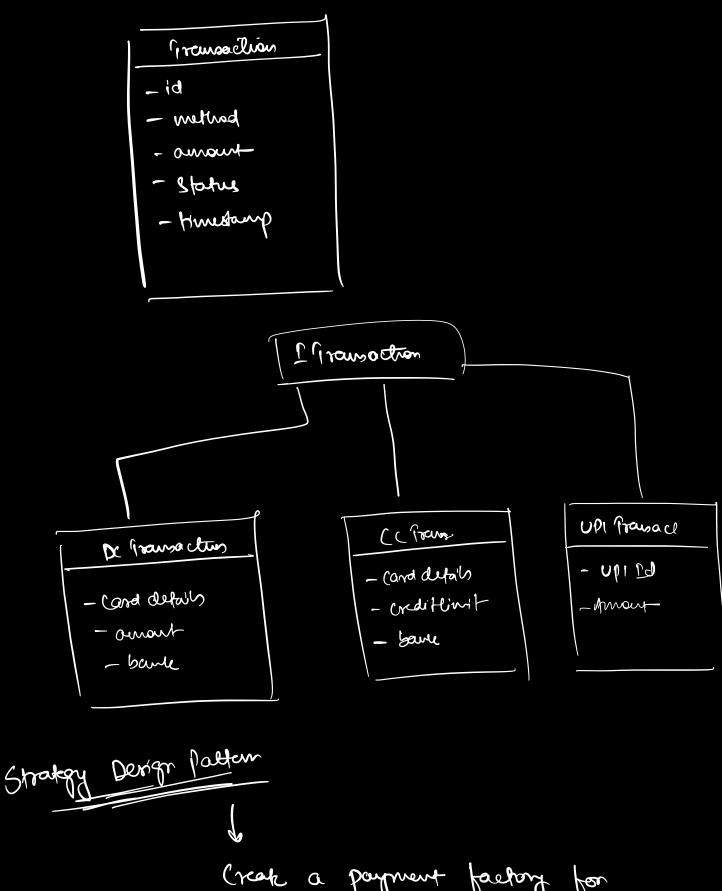
- scholer

- reduce

- amount

- status

_ Us/< (ransaction)



Creak a payment factory for Creating multiple payment Bys.

Factory Derign Parken

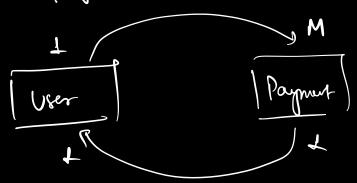
User

Payment

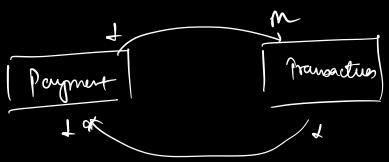
Pransactions

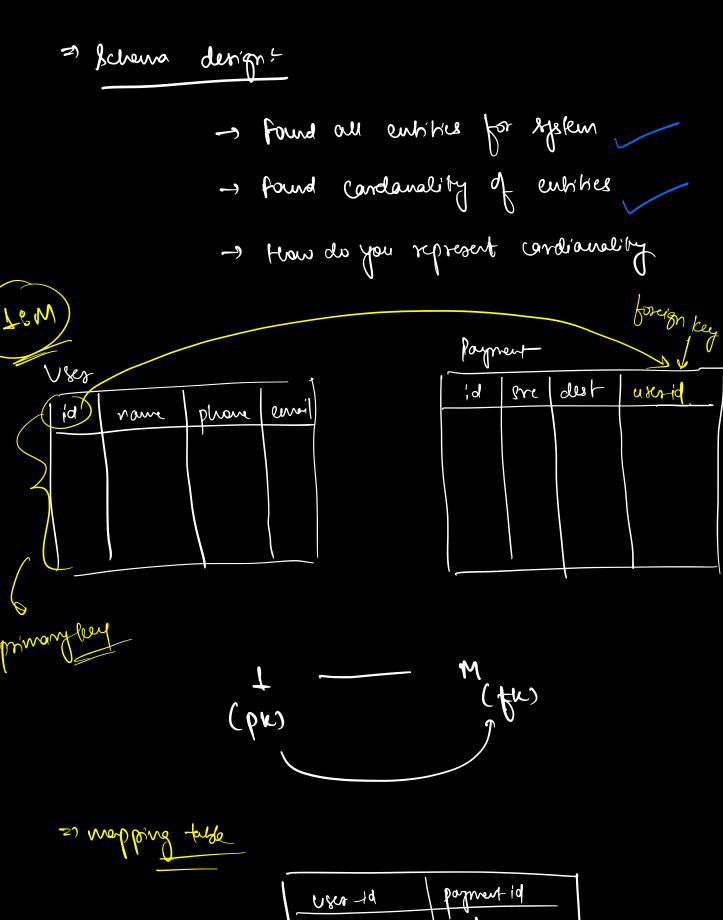
3) Cardianality:

1 User 2 Payment - 1:M



2. Payment 2 Transaellien -> 1:M





	user 1d	pagment id
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