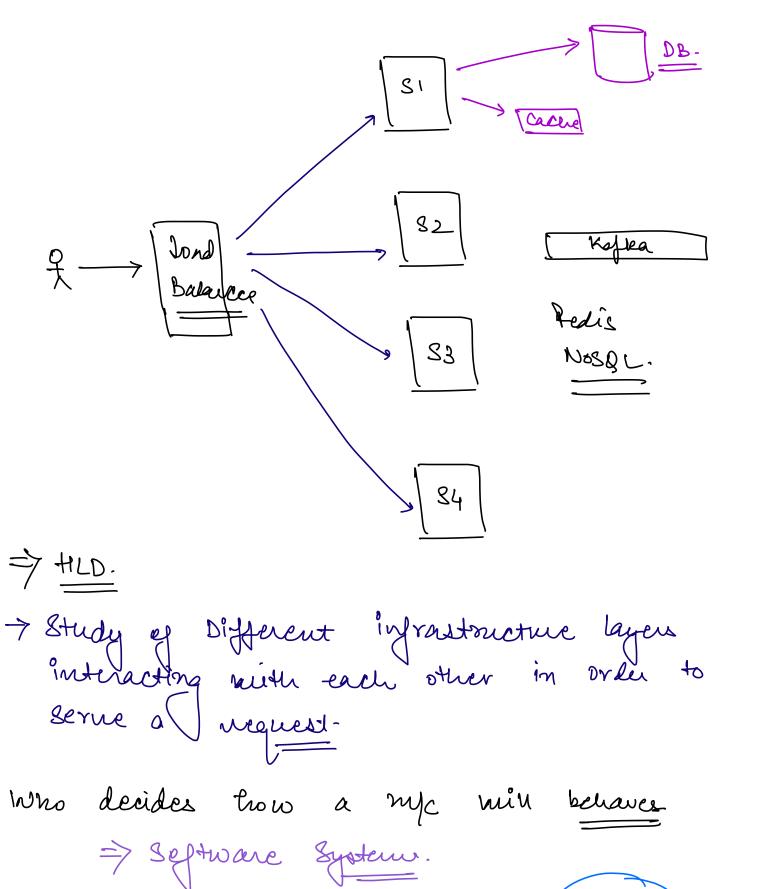
Agenda.
1) What is <u>LLD</u> ?
D'ung LLD is important?
3 How to approach any LLD problem? Requirements Gathering Class Diagram Schema Design
Doults.
What is LLD.
Low High > Blods Eye
Jouel (=> Louel ====================================
into much Letail
Asific.
€ Single point of failure.
-> Both pages



=> It depends on what kind of Software you have installed in your myc.

> (IID) is the study of the code written to build software system. Details of how the code is structured. us hrs. Properties of a good 3/w system. > Understandable/ readable. Maintainable. > Extensible It should be easy to add new fratures

=> Why LLD is important?
SE: Cole Everyday.
SE: Cole Euroyday. Interviews.
Athast one LLD sound
fliphart Phouse Smiggy
187 somed will be LLD sound.
184 round will be LLD round. Machine Coding. > 2-3 hours.
Amazon/MS/Apple/Arresium/
Ly LLD sound
=> SOLID design principles
⇒ SOLID design principles ⇒ Design Patterns
=> Muc
=> Schema Derign.
Machince Coding => LLD + Working Code. Requirements Class Diagram Silvery Design
Sallerine Davis

Apart from writing code, what other a me do in office	Ltivities
1) Meeting D tebugging > Reading code 3) Testing > Code leview >	
6 Documentation >	

=> 12.1. ef time writing code.

>> LLD makes your 881. ef time, more productive.

those to approach LLD problem. 1) Requirement Gathering Onderstand.

Ask Clarification questions

Sege cases. (2) Class Diagram. > What all the classes l'interpaces

- What all the methods

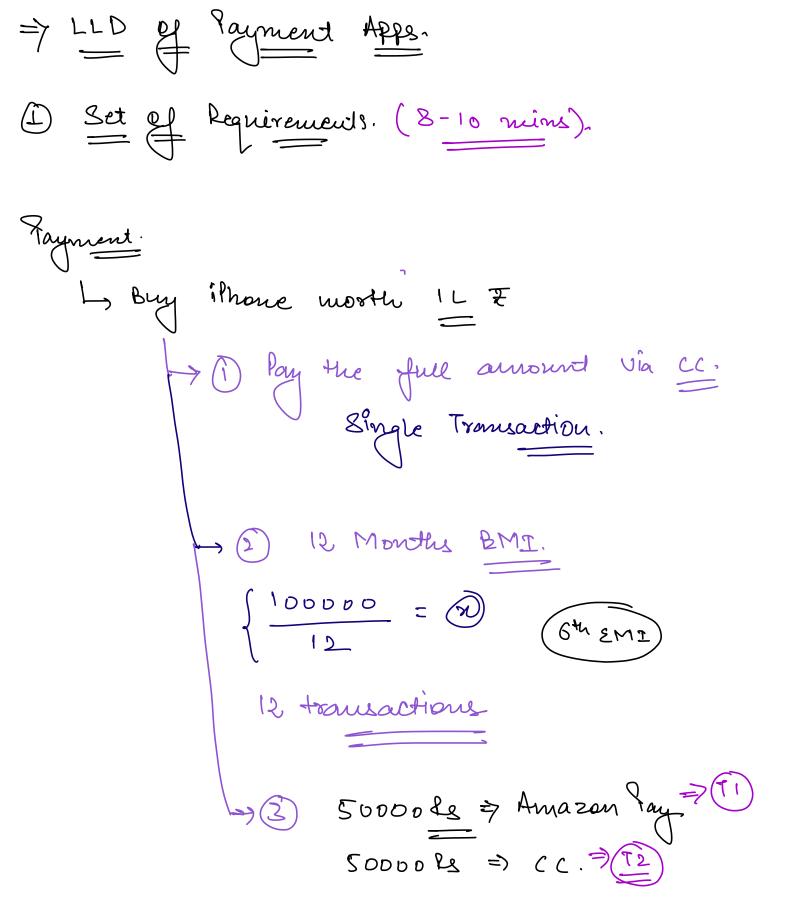
- attos in a class. 3) Schema Design. DB design

What all the tables.

Mapping you the tables

1:1 M: T . W. T. W Fort Cases | MVC auchitecture +

Test cases | DRM.



Every fayment can tour ene a more than one transactions.

# Clas	se Dia	ng rai	<u>~</u> .					
→ Go → fi	thou	orgh	Hie	requi	eacl	uts. n regl	ureme	nd 4
C	hock his	J'	you	= Want	to	8tore	data	for
			if y				Separa	te Class
		ل	Clse	=> M	OUC .	04.		
		User.						
	_	narue						
		Phon	dlassuu	ard)	P(shb.	t. Passi	uord <u>E</u>	ucoder.

- baule Acc.

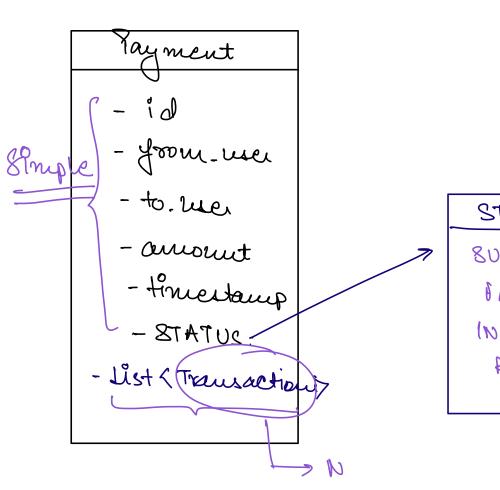
bank Acc. - name - acc no - lisc - branch - lissaving - balance - ACC TYPE - isActive T

Toy Not to me Booleans in your class diagram. Why? Berame Booleans avenit extensible.

ACC_TYPE SAVINGS, CURRENT, HNI.

- STATUS

STATUS ACTIVE, INALTIVE, BLOCKED, HOLD,



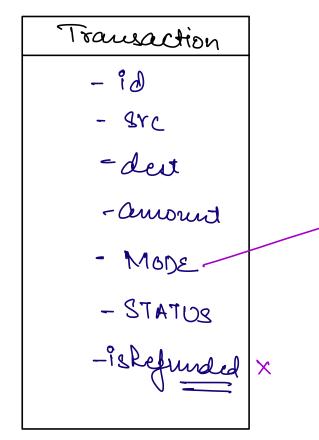
STATUS.

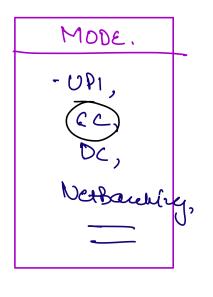
8UCCESS,

BAILURE,

IN-PROGRESS,

REFUNDED.



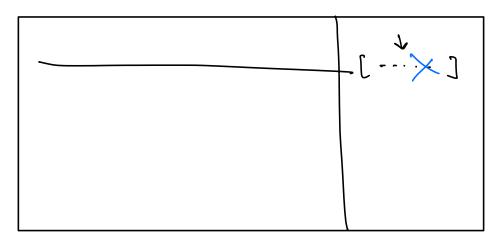


=> 8 Chema Design.
Tables.
Columns in the table
PK, FK
PK, FK Pelationships bjw the tables.
For every class that we have come up in class, create a table.
→ Class can trave 2 type of attributes
Princitive Simple Non Princitive Complex.
Ind, boot,
double
String
=> Princitive attos me can directly add as

Primitive attre une can directly add as columns in the table but for Non primitive me need to find their relation, mapping.

Mysgl

users



Every Column Should only Contain Otomic

Payments

		7		
90	for	to	amound	transactions.
1	A	В	7000	[27,47,17]
	1)		

Mapping- Cardinality. + M:M.

T: M/W:T					
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⇒ \! M.					
instructors					
marter-class []					
mastersdass					
inet					

7 <u>M:M.</u>		
	Movie M	Actor
	→ M:	M
	movies	
		actors []
	actors	
		l]
Mapping	movie	actor.
	movie	octor —