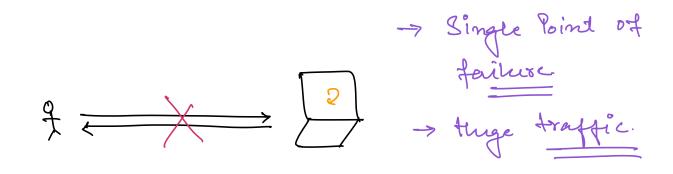
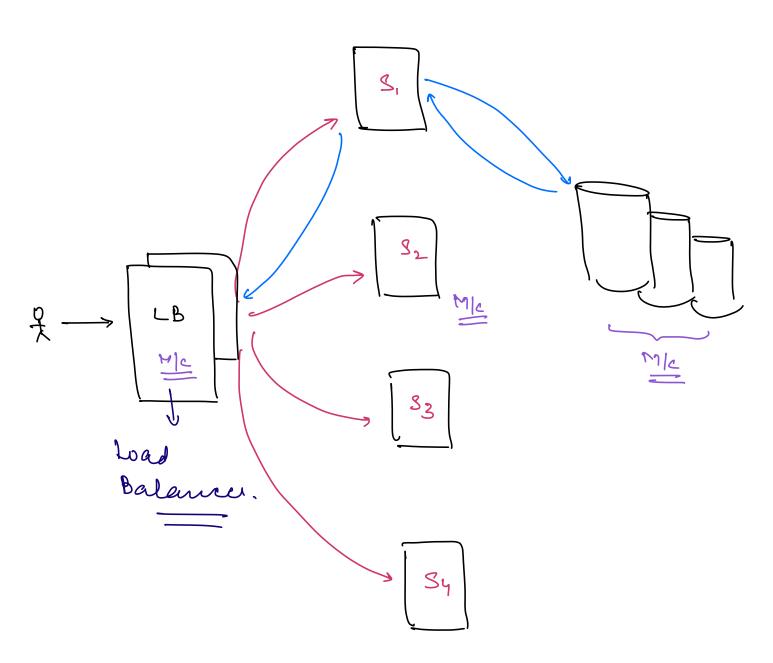
Ag	enda.
	1) What is <u>LLD</u> ?
	2 Why LLD is impostent?
	3) How to approach any LLD problem?
	Requirements Gathering Class Diagram Schema Design
	Doults.
#	Low High Level \leftrightarrow Level
	Design.
	Λ

Amazon Google / fb/ -...

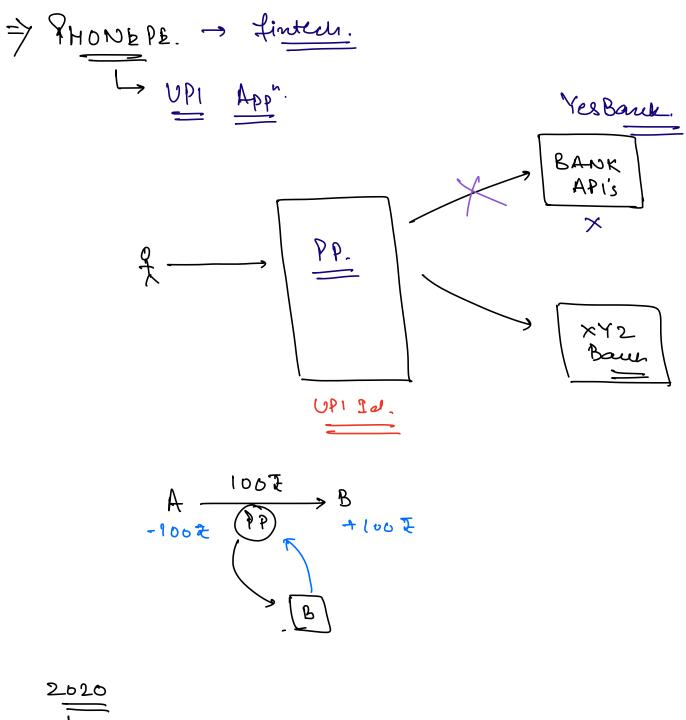




=> Pistributed System.

=> HLD. L, Duerview of the System.

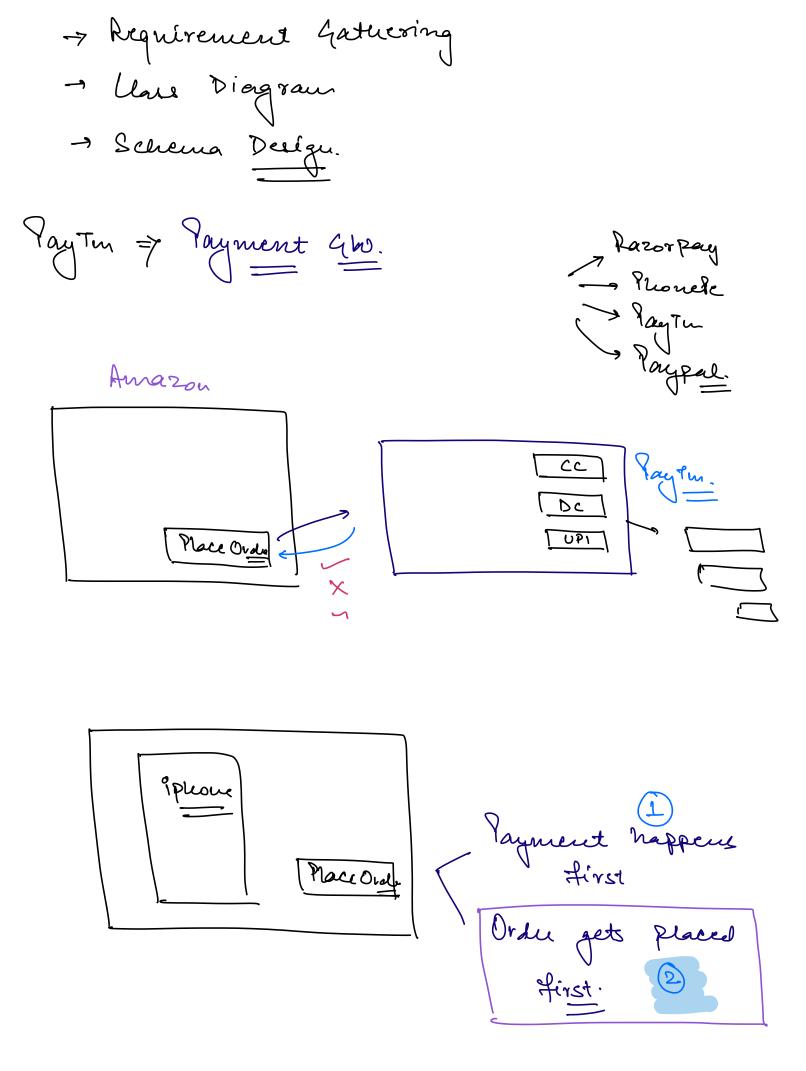
→ LLO.
Software / Apph
=> Code.
=> Study of working Good Lode
=> Properties of Good Code.
1) Understandable.
2) * Maintainable
3) Extensible.
Maintainable L, kary to find brigs in your code.
=> Extensible. Li basy to Add new fratures.



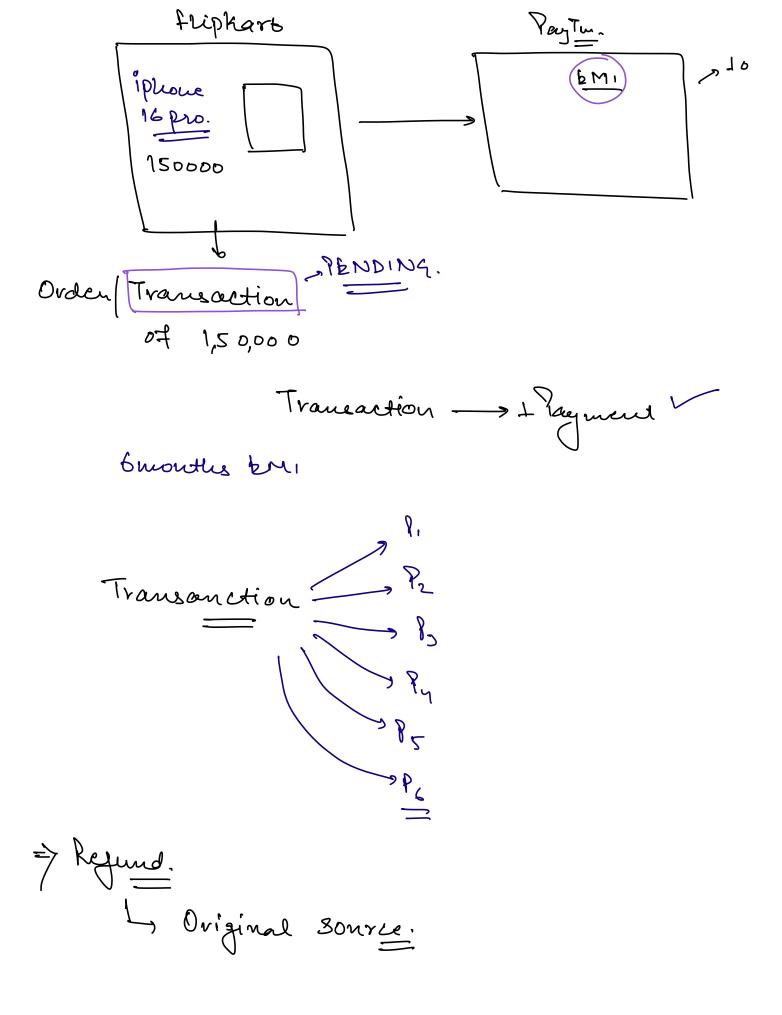
Coding - n 12% time Velongging Testing LLD maker 88%. Perign of time for a SE Pocumentation more productive. Code Review. Peproguent. # How to approach any LLD problem? llient | PMI 1) Requirement Gathering. Duderstand the requirements. Clarify the requirements. de Cases Corner Cares.

2) Class Viagram.
Claus Enterjaces
refine all the entities in our syste
Verign Patteons.
Way to writing code in different Sconarios.
→ Singleton - Adapter -> Strateger → Factory -> Builder -> Observer
→ Factory → Builder → Observer
3) Partabase Schema Derign.
7 Which all the tables are going to be there in our DB.
-> Relationerip b/w the tables.
> Cardinality. 1:1 Normalization
M:W.
4) Code.

Hipkart Phone 1st round as Martine Coding Smiggy Zomato (2-3 hrs). Cred LLD sound with Zepto mosking Code LLD mithout lode. Amazon Verigi sound. # LLD Of Payment macrine Coding round. DOC untionalities.



Amazon first creates an order in the lending State and then whenever the payment happens Amazon mill made the status as "CONFIRMED. if the payment doesn't get completed then Amazon mul Cancel the Order. Amazon CONFIRMED. 1234 - Rayment IND. Reconciliation Transaction Payment Yay Pun:



#

Amazon 1000 £ Cancel.	2007 Wallet BOUT UPI CC DC NS.
Transaction 0f 1000}	P ₁ : 200 7 walled. 2

Split Rayment

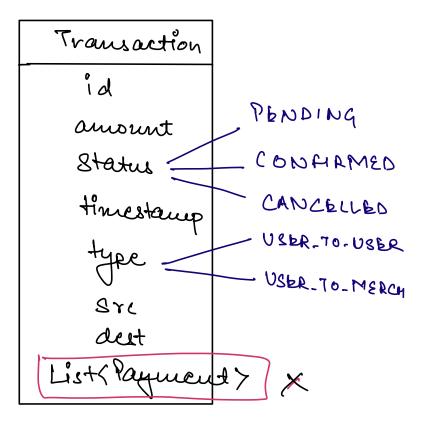
Class Viagram.

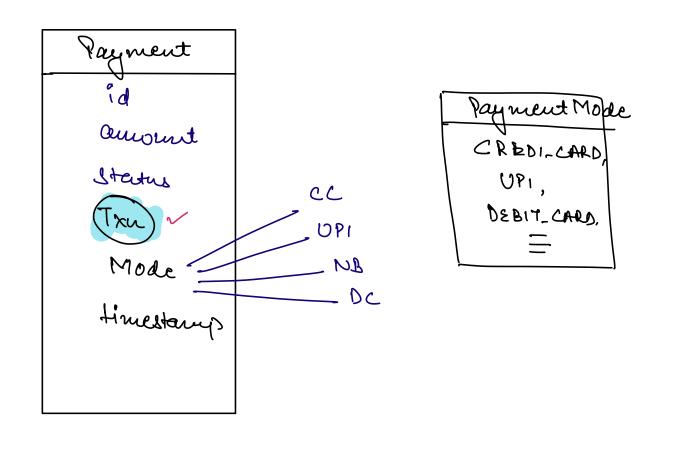
Je Go through all the requirements & figure out all the Norms for which me need to store data in the DB. for every such vorm create a Class.

(Entity)

User - id - name - phone - Palsmord - emaic - List (Banklec)

Bank Account
- Name
-aceNo
- 17se
- Type
- brance





Schema Derign. [Relational DB].

There every entity, create a table In the Database.

Tigue out the attributes for every entity

Primitive: Simple. attributes (int | bool | String)

Non Primitive: Object of another class.

Create a Column

Nou =	Prin	mitive.	: find cutition	the relation	ouship dinality	6 w	the
	}	→ L: L → L: M —	-		Ú,		
	use						_
	id	name	Phone	Pals word		•	
		M - occo					
	<u>.</u>	aceNo	î#3c -				
	+7	ausactio	us				
		Paymen	93 - =				

Examples. T: T aadhar users adhermo userid Movies actors louje

→ M:M.

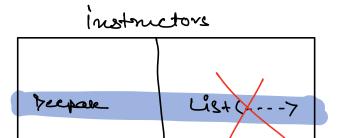
movies_actors

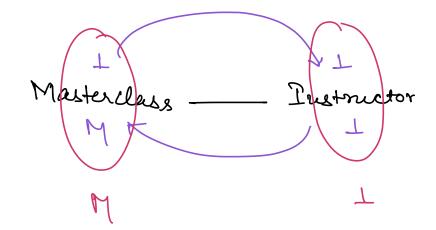
movierial	actoria.

mapping table.

今

masterce	alles
	insid





> M:1

=) Id of (1) side on (M) side

=> +>u_id in the Rayments falle.