2) Schema derign

5) thow to decide what talker one needed

5) How to model cardionality

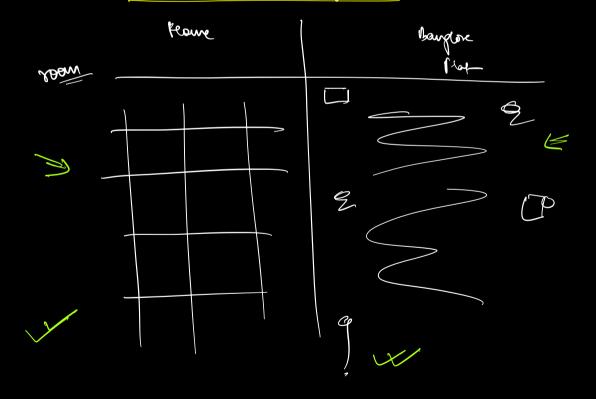
=> (2) Normalization

LL Derign > clarks diagram] UML

We case diagrams] UML

API derign

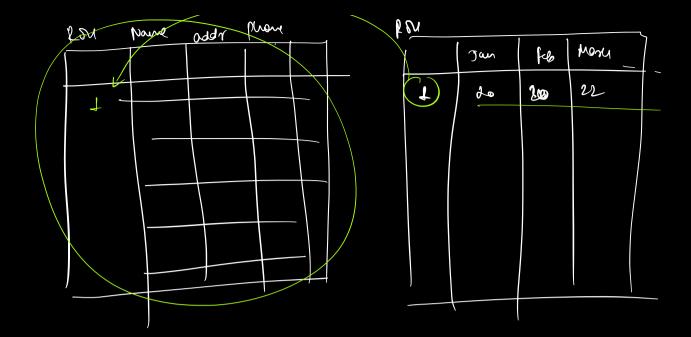
Ob derign (schema derign



DB Schema » prictorial rep. of how my structure of DB use be, or how we are going to store data in our DB.

>> flow db will be structured

| | | - | | | |
|----|-----------|-------|-------|-------|--|
| RM | , | | | _ (| |
| 1 | Siddleart | 01/01 | 02(07 | 03 01 | |
| 2 | 1 Wrw2 | | | | |
| 3 | laubar | | | | |
| 7 | Madhi | | | | |
| 1 | | | | | |
| | | | | | |
| | | \ - | | | |
| | Studen | - | | | |
| | | | | | |
| | | | | | |



- => belows design es a part of design document
- 3) How to approach letterna design -

(ask Study => Scaler

Requirements 50 Pead (Analyze Breakdown Derryn Clans OB silve

what --> How

- 1) There are several botches at Scalar, Each botch has students, name, Pushmeton, Start month, Knings.
- (1) Each both has classes, Each class has, name, instructor, amignments.
- (11) Puery student has vame, grad year, university, phoneno, euroit, morte Exp.
- IN) student get mentors. Mentor has name, exp, noof servious.
- ofher. We would want to know the dates of bother forwing bearing a borter.

Harshal Aug 22 Batch - 22/08/22 22/10/22

Now 22 Batch - 28/11/22 —

CurrentBeth

Bol Batch

HAS TO BE

PRESENT

HOW Batch

=> Assgn => Try to create schema derign of Netfern

Dengy

Star Find out all the enlikes in the seque.

Entity => Something for which we would

water lastony

to attach later

water lastony

that cotalogue

rear conceptual

like

- 2) Find the NOUNS in regn
- To every NOUM, check of we need to stoke more enformation about of
- => ff Tes create a table for this entity
- 3 Batch, Student, Mentor, Dustructor, Clars, Assignments

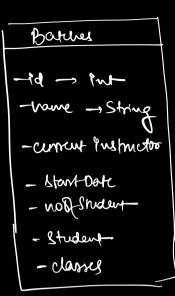
Paloles vame => of plural of cutify name

Batus => batches

Student => Students

a go with company conventions.

Asser =) [UUID => read >> how to governate



| Instructor | |
|----------------|--|
| - rd | |
| - name | |
| -40E | |
| - current comp | |
| - bokene | |
| | |
| | |

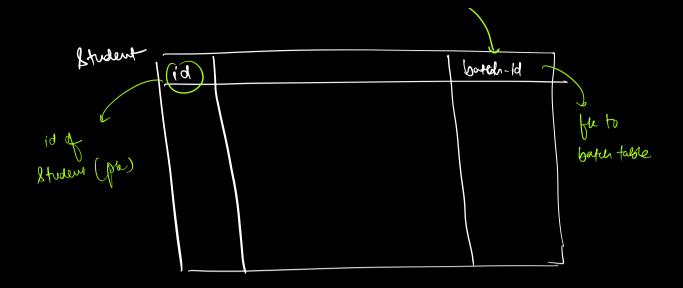
| Students | |
|--------------------|---------------|
| _ ૄ ૾૽ૡ | |
| - vauve | |
| - grad-year | |
| _ envoil | |
| - phone No. | |
| - wonefro | |
| - Start date | |
| - current batch | 1 |
| - psevious batches | \rightarrow |

| Classes | |
|---------------|---------|
| - Pd | |
| - Name | - tebyc |
| - que mutor | |
| - assignments | |
| - batch | |
| | |
| | 1 |

| Mentors |
|--------------|
| _ ; d |
| - vouve |
| - noofeenen |
| - 40E |
| - currlongay |
| - students |

Ø Conventions: Attroutes (1) Camellage 3) Current Instructor current _ instructor undersian 2) (V) Common Pn SQL forman Current Pushnetor e wi 2) english Student DOS batch borter-id more preferred

as ph on same



=) (andiquality => relu blu entities.

2 entires can be related to each 8him

100 W?W
110 W?T
110 T;W
111

Botch — Interestor

(B)

If two entities A2B one connected to each other, then, candiavally =>

How wany of A: How wany of B.

 (\mathcal{D})

7:7 Adlar Person eye scan Ruler other NO. vame oddv (f) 7: 7

(") 1:W

Velvicle Person M Name Model No. enoddn Name Add no. 1 1 1:W

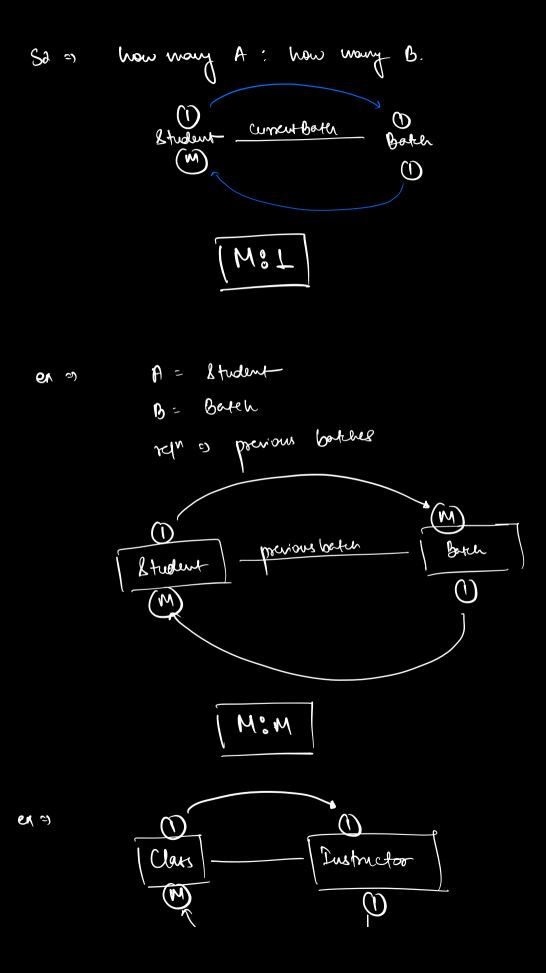
| Student | _ | | Cours | e ! | |
|---------|----------|-----------------|------------|---|------------|
| i'd | name | addr phone | ia | harre Code Bicch Swinnig Lynn | type reg |
| | | alcern => Bicch | h, Madhui, | | |
| Ston | for card | ionality: | | | |

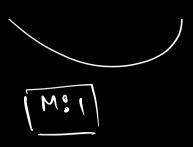
SI => Find the rely we are talking about 6/w A&B.

A => Student

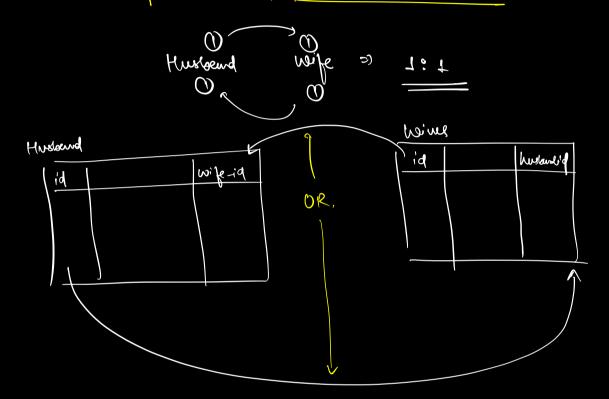
B=> Botch

rell => Current-botch





=> thow to represent multiple candianalities on OB:-



1 => put the id of one side to other side.
either way & fine.

Husbend-id in wife table or water-id in husband table.

