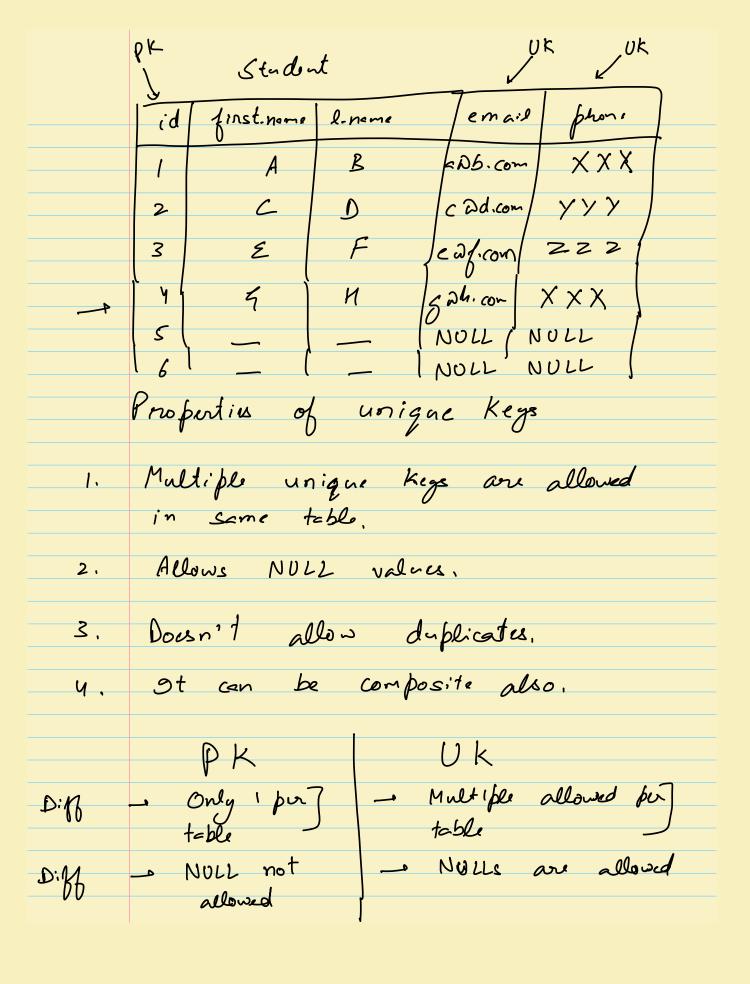
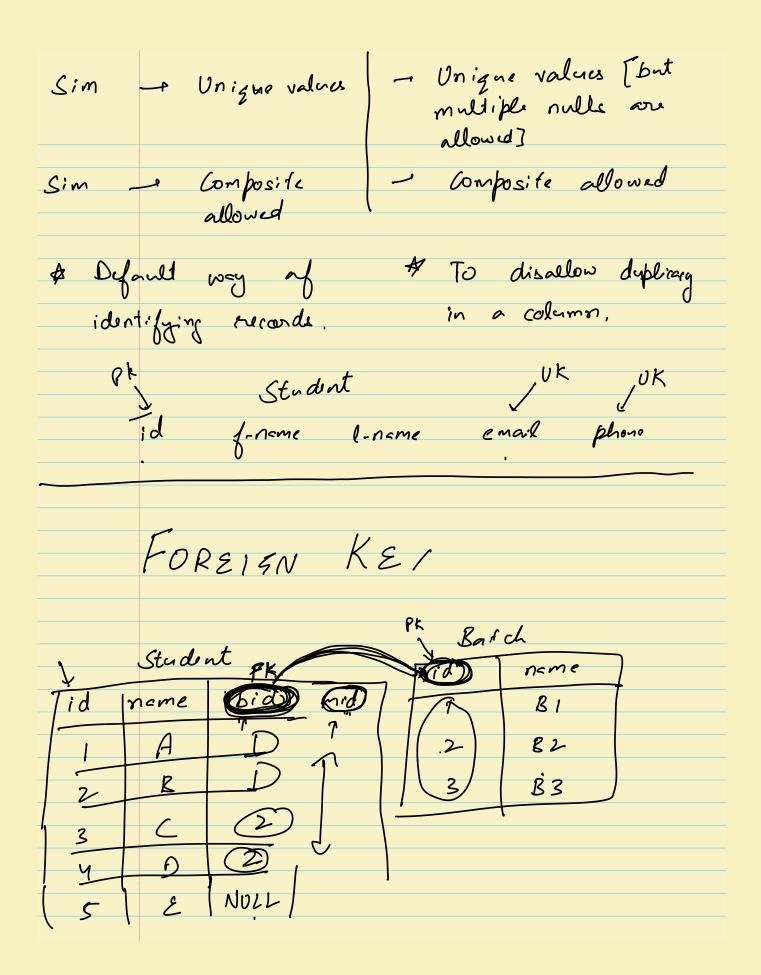
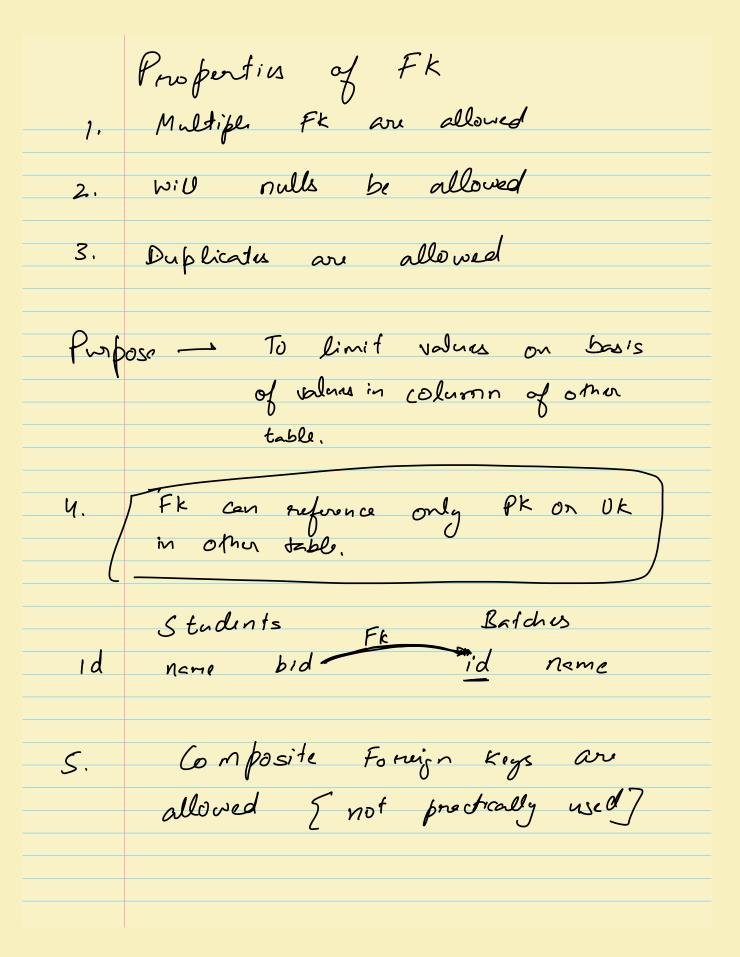
1. Good Evening 2. Lecture will begin at 9:05 pm 3. Topic: Schema Design. Elgenda. Keys - PK, FK, UK Relationships - Types, Identify, Create Schema Design - what, why, when, How Case Study Composite KEYS Supor keys -Candidate Kegs -

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	Candidate keys					
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CK		emay (1)	Altunde Keys.			
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Properties about Primary Keys 1. Only 1 PK per table. [why?] NULL is not allowed 3. Unique values. It can be composite. Available Show Seat Unique Key - So that no two values in the some column could be duplicates

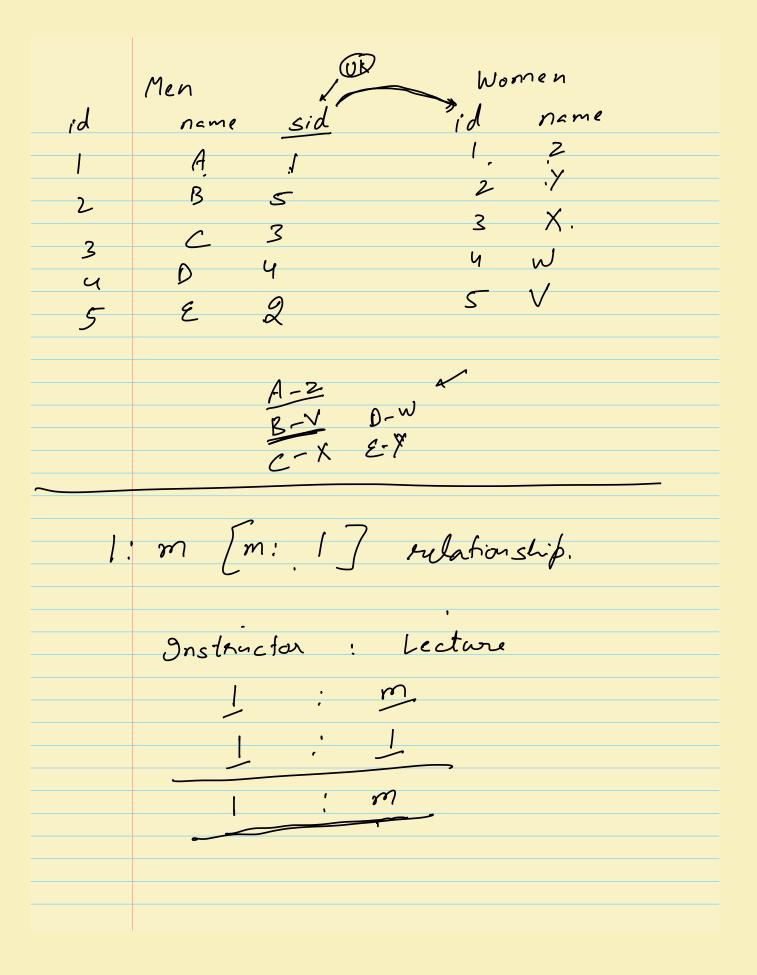






UK Composito X Composite Composite Not necessarily Unique Unique unique. Depends on - No nulls Nulls \$ Oniquely identify & Unique & Limit the valry to valid values, a he could Relationships Identify

1:	1 Relationship [Sponse Relationship]
	Men Women
id	name id name. sid
	Men: Women
	. [
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	1
	Create 1: 1 rulationship.
1	Add 10th all on the cide
۲,	Add extre column on any side
2.	Add UK to extre celamo,
3.	Make Fk on eather column pointing
	Make Fk on extra column pointing to Pk of other sid.



Create 1: m relationship

- 1. Add extre celumn on m side.
- 2. Make Fk on eafne column, point to Pk of I side.

Instructor

Id topic iid

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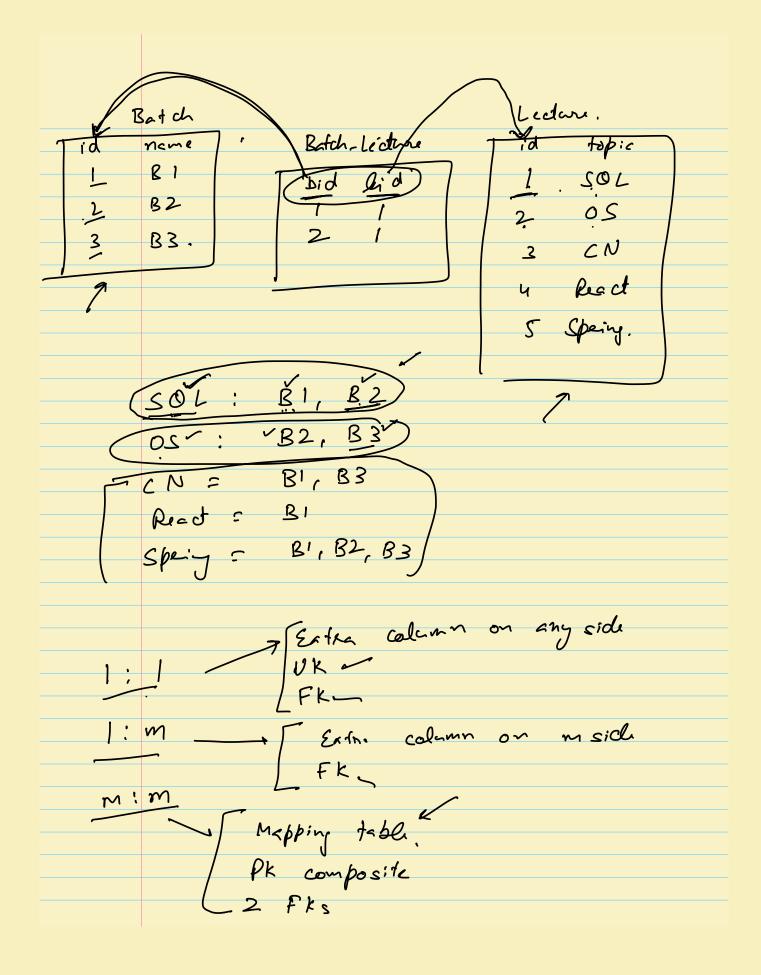
Feact 1

II = CN, React

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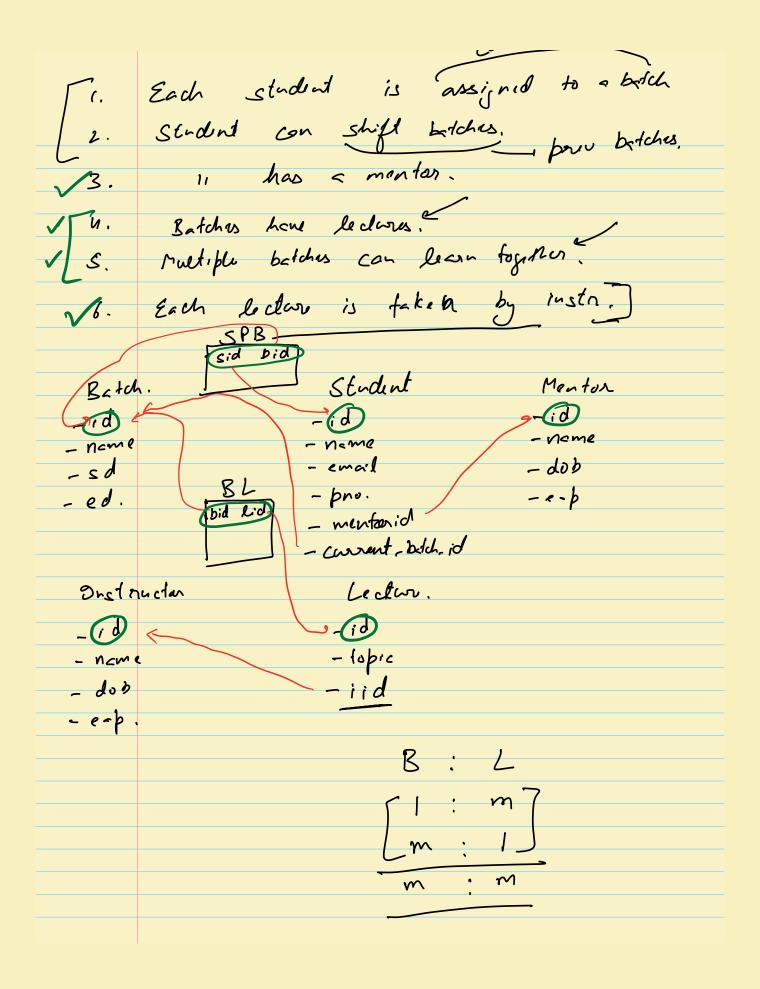
I = SOL, Spring

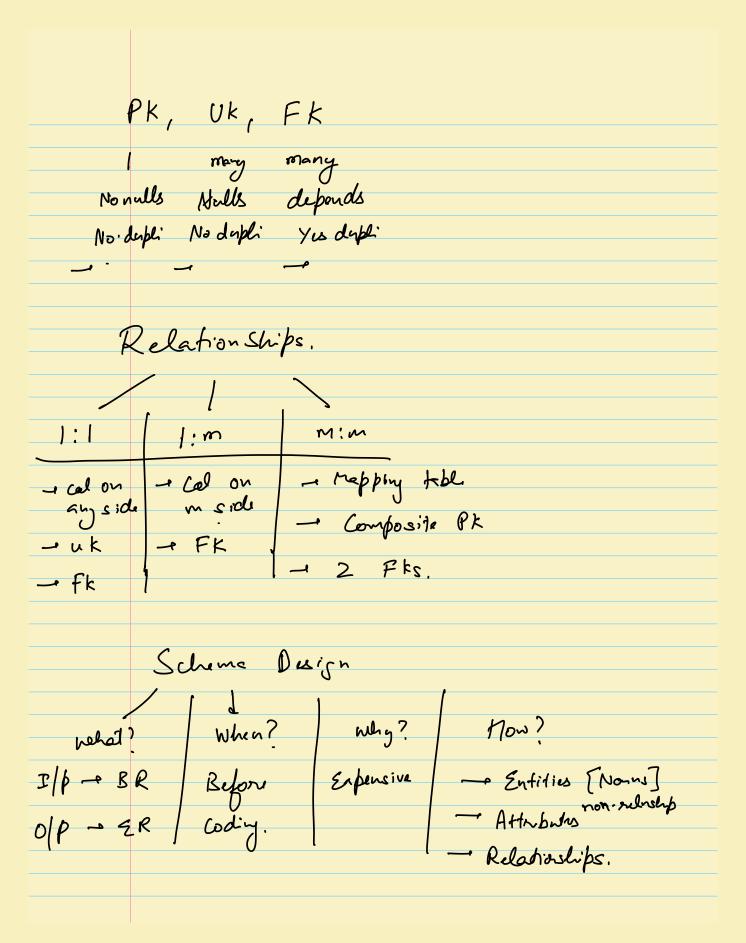
m: m rulationship. Batch: Lecture. Create Make a new mapping table with Make a composite Pk in mapping debl. 2. Make two Fk, one each to the 3, original tabl.



Schema Design [DD Design] What? - Process of creating DD = when? Business Analysts Business Represent Phase - ER Diagram [Schene Design] why? Because DB is costly expensive DB migration is regd. Down time. , Repositorios

How to do schema design? (BRs) Identify (Entities) [Nouns] 2. a columns of fible. 2 create relationships 1:1 (:m Break: 10:58 -11:08 Student id, name, email, pro id, name, sd, ed Batch _ Lecture id, topic Instructor id, nome, dab, exp id, name, dob, cap Menter rarent betch





+ Public end of class

+ Stip the doubt appropriate Leture. 1 FK +UK Mapping Table