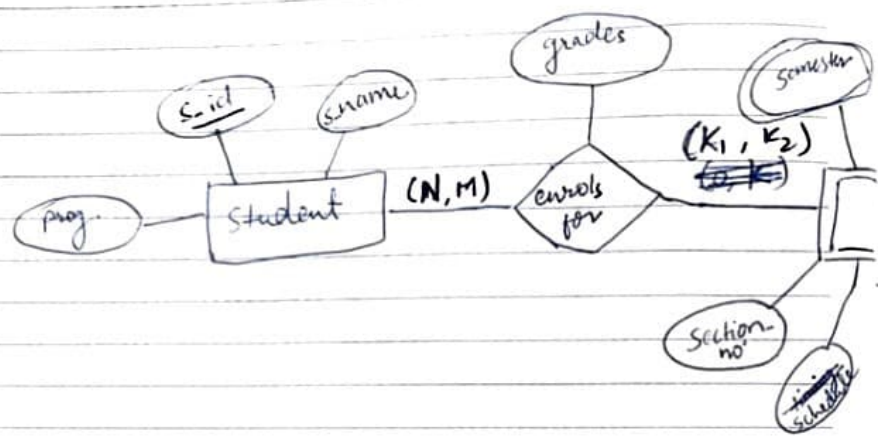


(1)



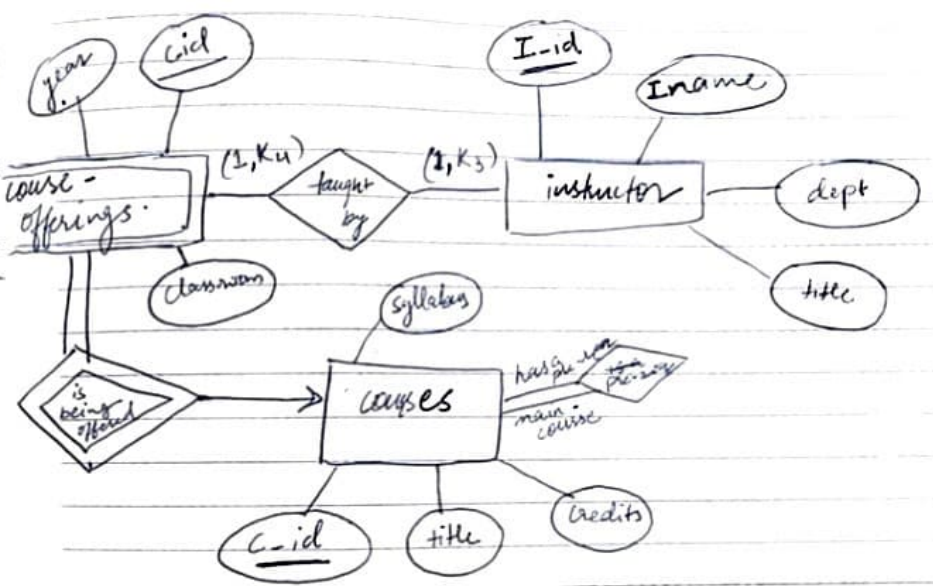
Entities → Student, course-offerings, instructor, courses.
keys → s-id, c-id, I-id, c-id

Assumptions

- 1. A ~~course~~ course can be offered in both odd & even semesters, thus, semester is a multi-valued attr.
- 2. schedule, is a weekly timetable, thus timing is replaced by schedule.
- 3. Instructor identification number is I-id & course no. is c-id

Figures won't lie, but liars will figure.

January	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	F	S	S	M	T	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30



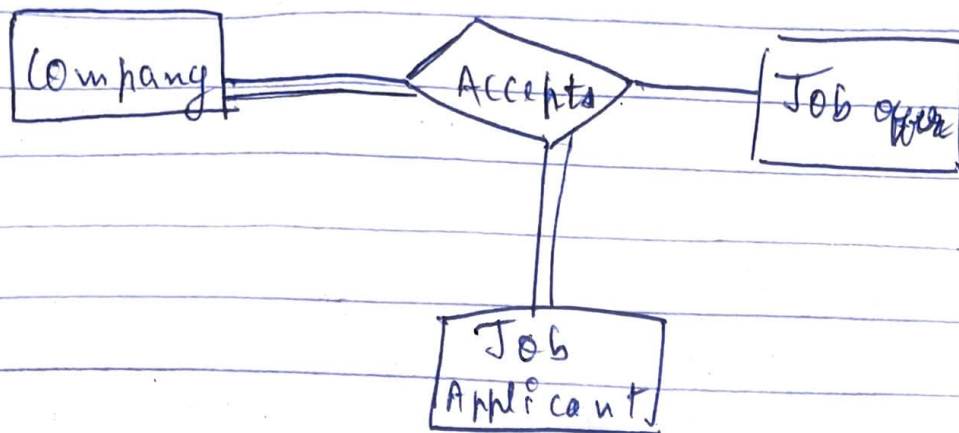
- N = min. courses req. to complete min. credits req.
- M = max. course req. to complete max. credits req.
- K1 = min. students req. for that course to begin. (After add-drop)
- K2 = max students limit.
- K3 = max courses taught by a professor.
- K4 = max no of prof teaching that course.

Flattery corrupts both the receiver and the giver.

W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

Roll no — B21179, B21176, B21272,
Mayank Bihani, Pratiksha

Q-2) —

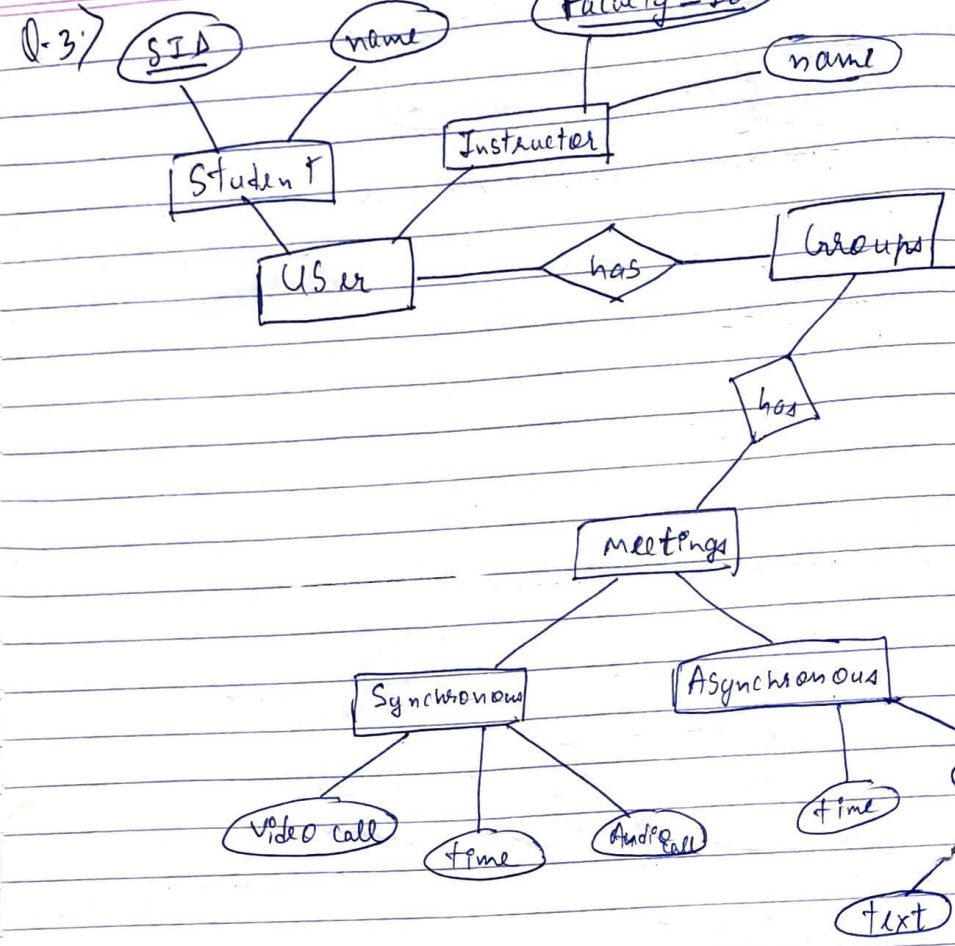


Company entity has a total participation in a relⁿ as a company ~~will~~ will have multiple Job offer.

Job Applicant also has a total participation in the relationship, as a job application can apply for at least one job.

Job offer entity has a partial participation as job offer can or cannot receive any job offer applications.

This relationship is modeled as ternary relationship.



Synchronous time \Rightarrow Start time, End time, Running time.

Asynchronous time \Rightarrow Time at which message was sent and received.

Limitations of our EER model:

- File sharing, screen sharing is not define in our EER model.
- Not able to store and recognise the messages of user or a group.

Limitation of slack:

- Complex interface.
- Limitation of VoIP

Limitation of Microsoft teams-

- Limited customization option.

Limitation of Google space-

- Limitation of VoIP.
- No delivery/read message.
- storage limited.

Limitation of Whatsapp.

- Limited number of members can join group.
- Virtual meeting like zoom is not possible on whatsapp.