SQL - Schema Design - II

Agenda

1. Requirements
2. Entities

   ~ + — + ~

3. Schema Design

Schema design ⟶ Blog mgmt.

User	Post
— id	— title
— name	— body

- mobile
- email
- last login date

- published Date
- tags
- user
- status
- parent post

Tag
- name
- description

Comment
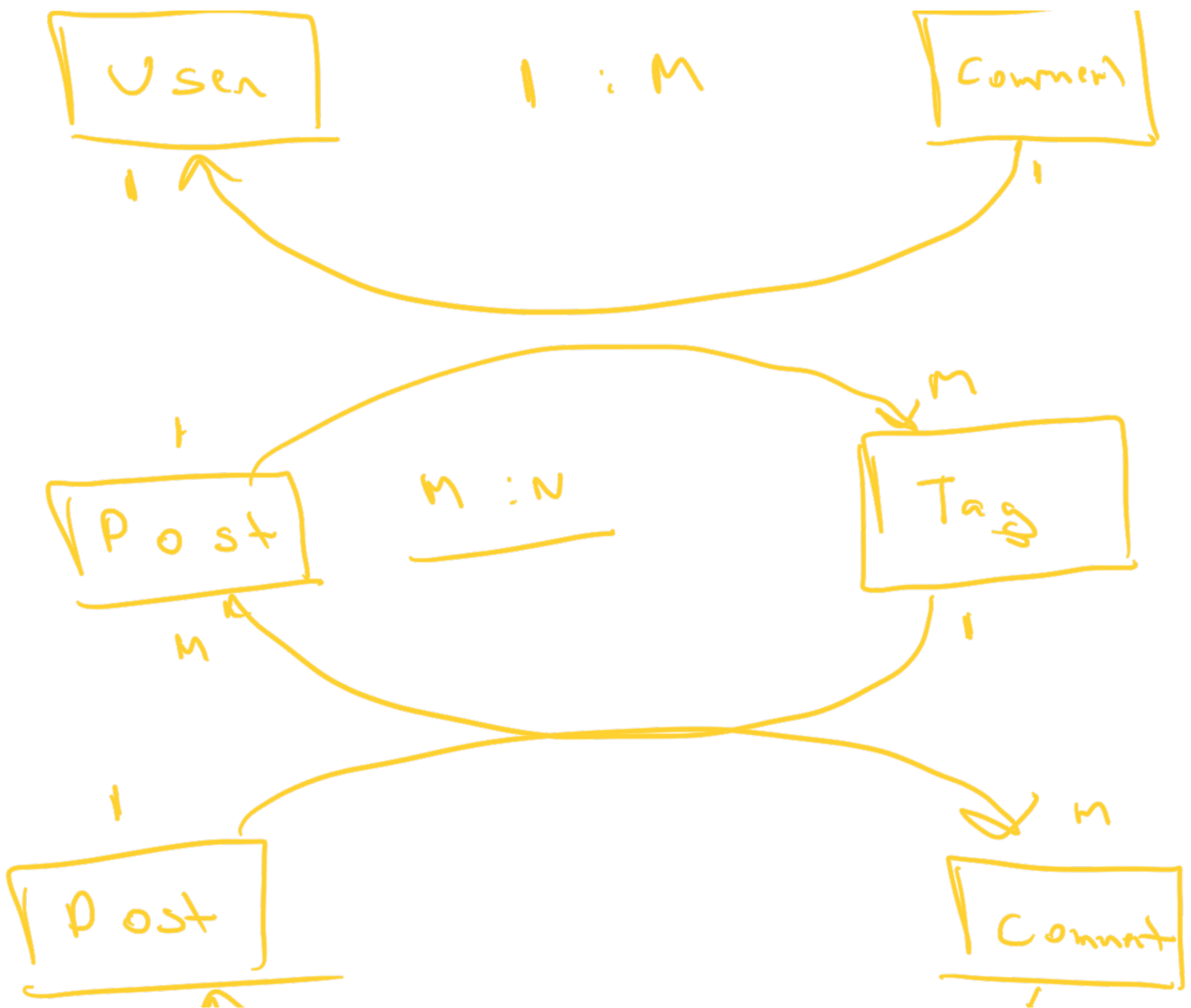- text

5 : 20 - 3:40
→ 10:10

Schema
Design

User

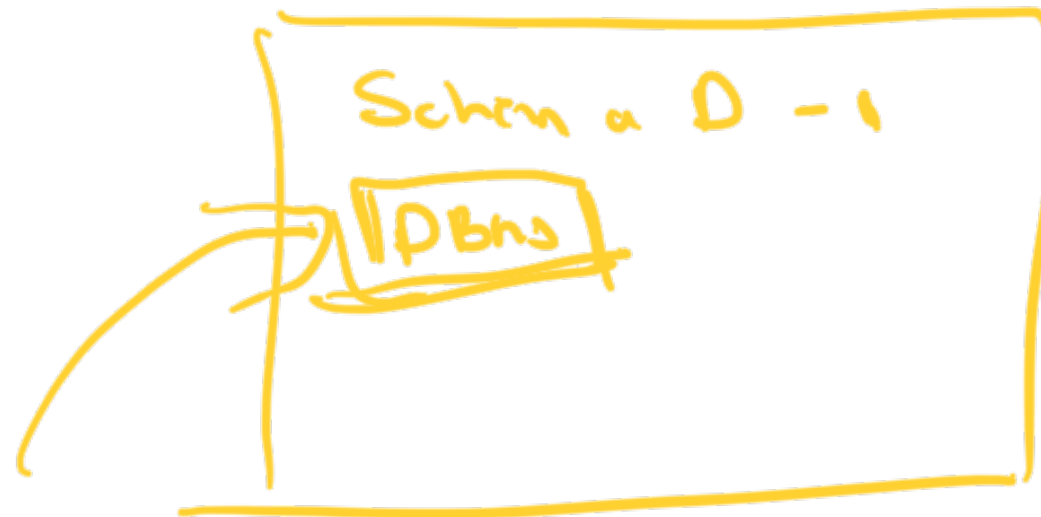Post

User

added By

Tag

User

1 : M

Comment

1

Post

M : N

Tag

M

M

1

Post

1

Tag

Comment

M

1

1

Post

1

Parent

1

M

Post

1
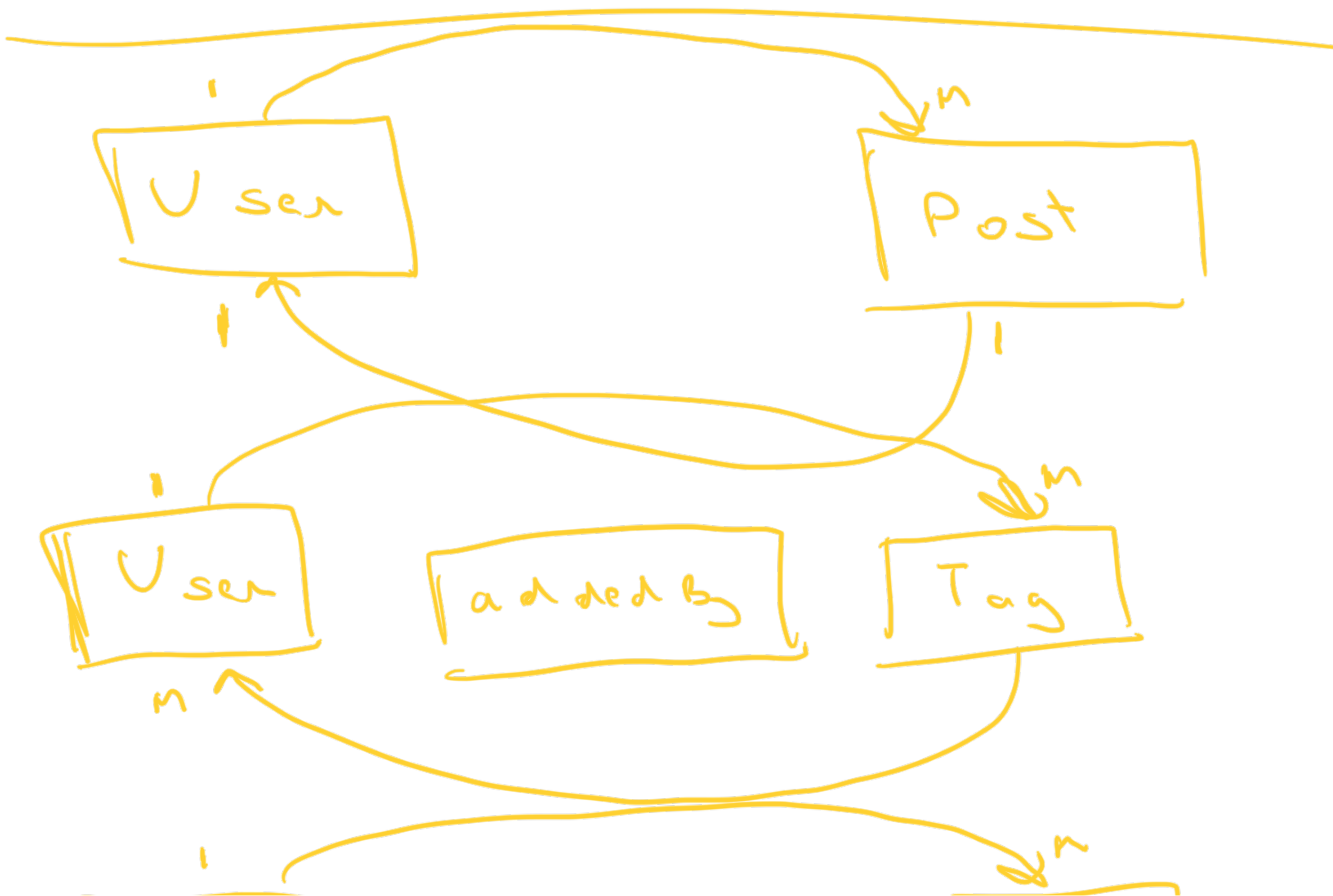
POSTS X

TAGS

PID	NAME	TAGS

ID	NAME	PID

1	Schema De.	1,2
2	Schema Des-11	1,2

①	DBns	1
2	Mysql	
③	Dbns	2

Schema D — 1

| PBns |

DBNS

Schema DJ

PID	TID
1	1
1	2
2	1

	TAG	ADD ON
DBMS	2S

Tag — DBMS — $\boxed{2\;2}$

Post = Schema Design — $\boxed{2\,3}$

= Schema Des. —11 — 2S

DBMS

TAG ID	POS ID	ADD ON
		2 3

LIKE

POST

COMMENT

SRP

LIKE   so

id	user_in	comment_ie	postid
1	Ja	NULL	P1

2 | ᴗ 4
3 | ᴗ 1
4 | ᴗ 1

N ᴗ ᴜ
1
2

A42

NULL
NULL

COMMENT_LIKE

POST_LIKE

user liked a post

user_id   post_id

csn_id	post_id
1	1
2	1
3	2
4	

POSTS

BLOGS   blog_id

id	name

Blog1

Blog2

ZIKES.

id	user_id	liked_on	source_id
1	1	POST	1
2	1	COMMEN	

LIKES

user_id	comment_id
1	2
1	3

$\rightarrow$ FACTS

Dimension

LIKES PER USER

LIKES PER POST