

LH_ERD

1. User

- user_id (PK)
- username
- email
- password
- role ('user' or 'admin')
- category_followed (nullable – NULL for admins)

Each **regular user** can follow **up to 2 categories** (we'll model this with a separate join table below).

2. Category

- category_id (PK)
- category_name

3. Post

- post_id (PK)
- type (ENUM: "article", "video", "audio")
- category_id (FK to Category)
- user_id (FK to User)
- title
- **content**
- media_url

4. UserCategory (join table for user-category following)

- user_id (PK) (FK to User)
- category_id (PK) (FK to Category)

Only regular users will have rows in UserCategory, max 2 per user.

Relationships Summary

- A **User** can create many **Posts**.
- A **Post** belongs to one **Category** and one **User**.
- A **User** (role = 'user') can follow up to **2 Categories** via the UserCategory table.

what about admin feature of deleting user or post?

Since **admins can delete any user or post**, this is more of a **permission/authorization rule**, not a structural relationship that needs to appear directly in the ERD unless:

ERD:



