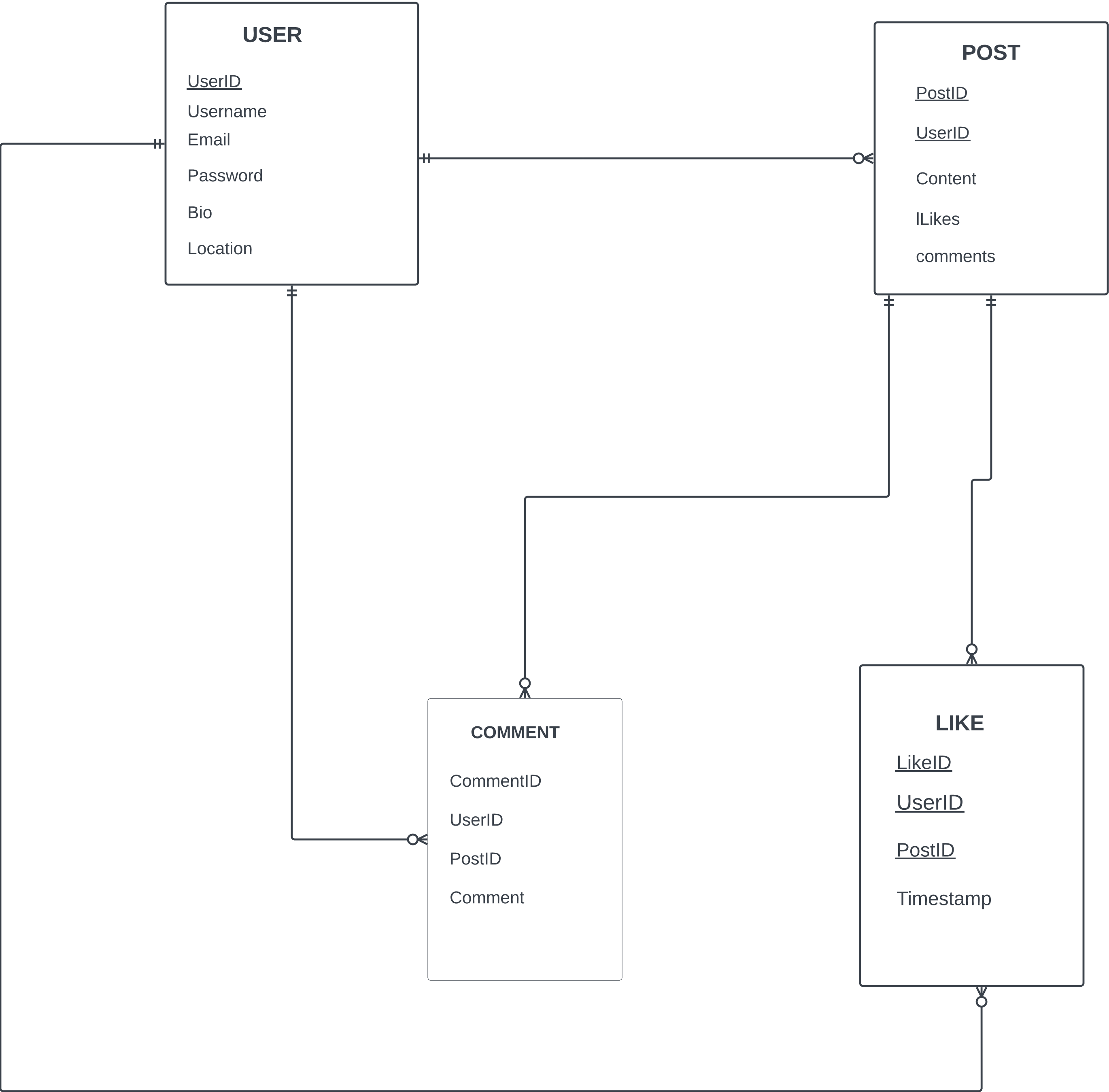


ER DIAGRAM



Business Rules:

User-Post Relationship

- Rule 1 : A USER may create/write one or more POSTs.
- Rule 2: A POST must be created by exactly one USER.

User-Comment Relationship

- Rule 1: A USER may write one or more COMMENTS.
- Rule 2: A COMMENT must be written by exactly one USER.

Post-Comment Relationship

- Rule 1: A POST may have multiple COMMENTS
- Rule 2: A COMMENT must be associated with exactly one POST.

Post-Like Relationship

- Rule 1: A POST may have one or more likes.
- Rule 2: A Like must be associated with a POST.

User-Like Relationship

- Rule 1: A USER may LIKE any number of posts.
- Rule 2: A LIKE must be associated with a USER.