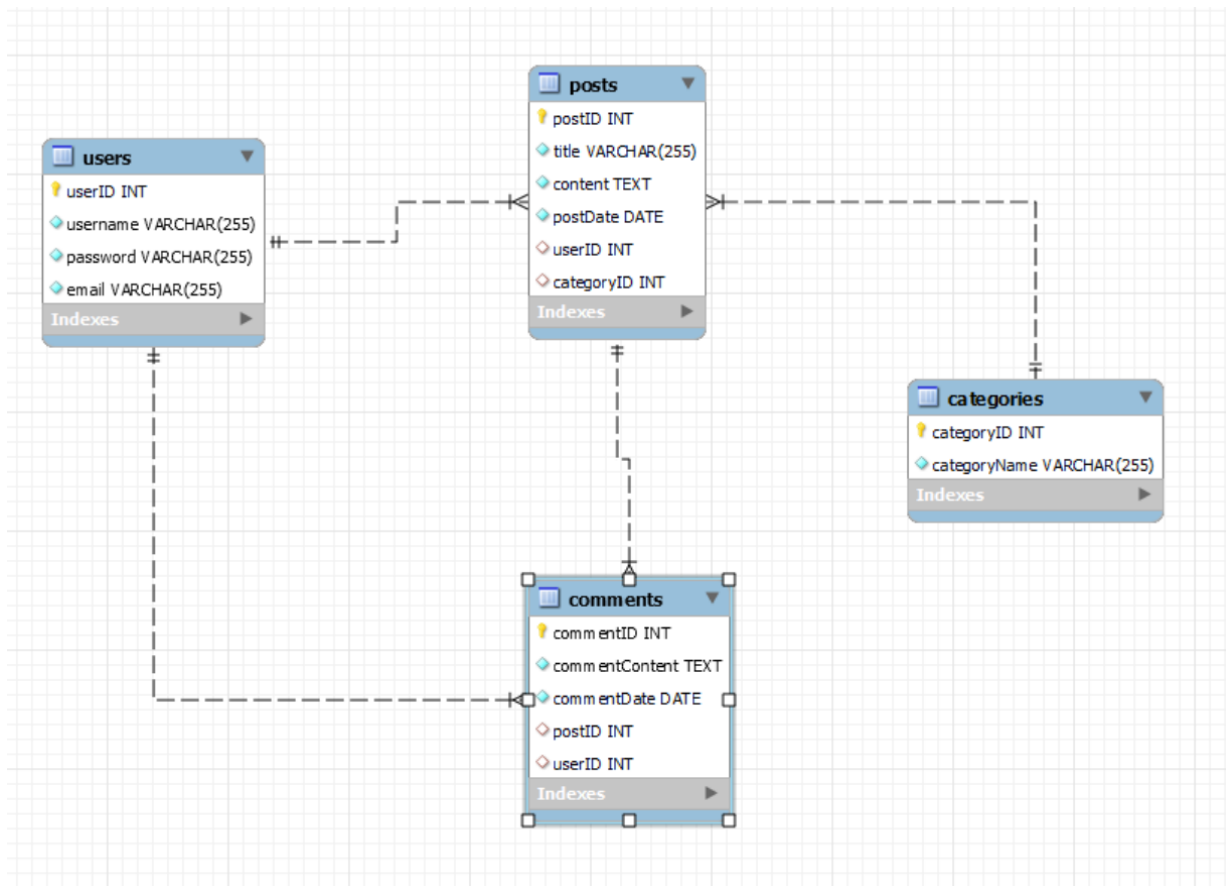# Blog System Database Documentation

Jianhui Lin

Entities and Relationships Description

Users:
Stores user data with attributes UserID, UserName, and Password. Each user can have multiple posts and comments, resulting in a one-to-many relationship.

Posts:
Contains data for each blog post with attributes like PostID, Title, Content, and UserID (foreign key). Each post can receive multiple comments and is associated with one category.

Comments:
Holds comment data with attributes CommentID, CommentContent, PostID (foreign key), and UserID (foreign key). Each comment is associated with one user and one post.

Categories:
Stores category data with CategoryID and CategoryName attributes. Each category can be associated with multiple posts.