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CS 340-400

Final Project

*Please note that the final project changed from the project proposal.*

Outline

Quote Wiki is a database that stores quotes from users. These can be the user's favorite quotes, or completely created by the user. These quotes can be shared with other users or read for inspiration. The concept is simple, but the implementation was nightmare.

Database Outline

New users register an account to gain access to the member's page. Existing users simply login. Sessions track whether a user is logged in and grants them access to the various web pages.

1. Quotes Table: stores quotes by the user. Each quote belongs to one user. Each quote also only has one topic.
2. Topics Table: stores titles of topics. Topics belong to many quotes.
3. Users Table: stores user's personal information, including the login information, which is the email and password. Users have many quotes and friends. A friend is someone who can view a user's quotes.
4. Friends Table: friends can belong to many users, but only have view rights of quotes and topics.
5. Relationship Table: stores the type of relationship between a user and friend.