

Explain how you organized your database and why you chose such a structure.

The database is organized around a single table named users. This table has three columns: id, username, and email. Here's why I chose this structure:

- id: This is an integer that automatically increments each time a new record is inserted into the table. It serves as the primary key for the table. Having a unique identifier for each record is crucial for efficiently querying and updating specific records in the future.
- username and email: These are variable-length strings that store the username and email of each user, respectively. They are marked as NOT NULL because every user must have a username and an email.

This structure is simple and efficient for a basic user management system. It allows for easy addition, retrieval, update, and deletion of user records. However, in a real-world application, the structure of your database would depend on the specific requirements of your application. For example, you might need additional tables to store more detailed user information, or to manage relationships between different types of data.