# DB Design

## 1. Overview

* This document describes the **SQLite database design** used in the AI Teacher Assistant application. It is designed to support basic user authentication and is flexible enough to expand for AI-generated quizzes in the future.

## 2. Table

- Login

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Constraints | Description |
| id | INTEGER | PRIMARY KEY AUTOINCREMENT | Unique user ID |
| email | TEXT | NOT NULL, UNIQUE | User email |
| password | TEXT | NOT NULL | User password (can be hashed for safty) |

SQL def:

|  |
| --- |
| CREATE TABLE IF NOT EXISTS users (  id INTEGER PRIMARY KEY AUTOINCREMENT,  email TEXT NOT NULL UNIQUE,  password TEXT NOT NULL  ); |