|  |  |  |  |
| --- | --- | --- | --- |
| UserId | Name | Email | Password |
|  |  |  |  |

CREATE TABLE IF NOT EXISTS users(uid REAL PRIMARY KEY AUTO\_INCREMENT, name TEXT NOT NULL, email VARCHAR(50) UNIQUE NOT NULL, password TEXT NOT NULL);

|  |  |  |  |
| --- | --- | --- | --- |
| Article id | Author name | File name | Image |
|  |  |  |  |

CREATE TABLE articles (aid REAL PRIMARY KEY AUTO\_INCREMENT, auname TEXT NOT NULL, filename VARCHAR(50) UNIQUE NOT NULL, imgname VARCHAR(50) UNIQUE NOT NULL);

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Comment id | Article id | Comment author | Comment message | Likes |
|  | Foreign key |  |  |  |

CREATE TABLE comments (cid REAL PRIMARY KEY AUTO\_INCREMENT, artid REAL NOT NULL references articles(aid), cauname TEXT NOT NULL references users(name), cmessage VARCHAR(50) UNIQUE NOT NULL, likes REAL NOT NULL);

|  |  |  |  |
| --- | --- | --- | --- |
| Qstn id | Qstn author | Qstn message | Likes |
|  |  |  |  |

CREATE TABLE questions (qid REAL PRIMARY KEY AUTO\_INCREMENT, qauname TEXT NOT NULL references users(name), qmessage VARCHAR(50) UNIQUE NOT NULL, likes REAL NOT NULL);

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Ans id | Qstn id | Ans author | Ans message | Likes |
|  | Foreign key |  |  |  |

CREATE TABLE answers (ansid REAL PRIMARY KEY AUTO\_INCREMENT, qstnid REAL NOT NULL references questions(qid), ansauname TEXT NOT NULL references users(name), ansmessage VARCHAR(50) UNIQUE NOT NULL, likes REAL NOT NULL);