We currently have two tables in our database, one to keep track of the account information and one to keep track of user's stock lists.

```
+----------------------+
| Tables_in_stock_app_db |
+----------------------+
| accounts             |
| tickers              |
+----------------------+
```

The accounts table stores the first and last name, as well as the email that was inputted during signup. The password submitted on the form is hashed before it is stored in the table. The user_id is automatically assigned and is automatically incremented as well.

```
+----------+---------------+------+-----+---------+----------------+
| Field    | Type          | Null | Key | Default | Extra          |
+----------+---------------+------+-----+---------+----------------+
| user_id  | int(11)       | NO   | PRI | NULL    | auto_increment |
| fname    | varchar(32)   | YES  |     | NULL    |                |
| lname    | varchar(32)   | YES  |     | NULL    |                |
| email    | varchar(64)   | YES  |     | NULL    |                |
| password | varchar(128)  | YES  |     | NULL    |                |
+----------+---------------+------+-----+---------+----------------+
```

This is an example of a row in the accounts table.

| user_id | fname | lname | email | password |
|---------|-------|-------|-------|----------|
| 1 | Peng | Zhang | pz4hk@virginia.edu | cs.ksmyNQa78Y |

The tickers table uses the user_id from the accounts table in combination with the ticker symbol as the primary key.

```
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| user_id | int(11)     | NO   | PRI | NULL    |       |
| ticker  | varchar(5)  | NO   | PRI | NULL    |       |
+---------+-------------+------+-----+---------+-------+
```

This is an example of a row in the tickers table.

| user_id | ticker |
|---------|--------|
| 1 | AAPL |