**Users**

| column name | data type | details | comments |
| --- | --- | --- | --- |
| id | integer | not null, primary key | |
| name | string | not null, indexed | |
| email | string | not null, indexed, unique | |
| listing_id | foreign_key | unique | |
| reservation_id | foreign_key | | references listings |
| password_digest | string | not null | |
| session_token | string | not null, indexed, unique | |
| created_at | datetime | not null | |
| updated_at | datetime | not null | |
| | | | |

**Listings**

| column name | data type | details | |
| --- | --- | --- | --- |
| id | integer | not null, primary key | |
| title | string | not null, indexed | |
| description | text | not null | |
| location | string | not null | ? Would this be broken up into multiple parts (e.g. city, state, country, etc.) |
| price (per night?) | integer | not null, indexed | |
| photos | images | not null | |
| owner_id | foreign_key | not null (indexed?) | references users |
| created_at | datetime | not null | |
| updated_at | datetime | not null | |
| | | | |

**Bookings (Listings / Reservations Joins Table)**

| column name | data type | details | |
| --- | --- | --- | --- |
| id | integer | not null, primary key | |
| listing_id | foreign_key | not null, indexed | |
| owner_id | foreign_key | not null, indexed | references users |
| guest_id | foreign_key | not null | references users |
| date | datetime | not null, unique to each listing | |
| created_at | datetime | not null | |
| updated_at | datetime | not null | |
| | | | |

**Reviews**

| column name | data type | details | |
| --- | --- | --- | --- |
| id | integer | not null, primary key | |
| body | text | not null | |
| user_id | foreign_key | not null, indexed | references users |
| listing_id | foreign_key | not null, indexed | |
| created_at | datetime | not null | |
| updated_at | datetime | not null | |