

Brainstorming & Table Ideas

- users
- recipe posts
- ingredients posts
- friends list to view other recipes
- create new list from friends' recipes
- create events and add recipes

- **users**
- **recipe posts**
- **ingredients**
- **friends**
- **grocery lists**

Relationships

One-to-one

-

One-to-many

- users

Many-to-many

Columns

Users

Recipe Posts

Ingredients

Friends

Grocery Lists

```
CREATE TABLE users (  
  user_id SERIAL PRIMARY KEY,  
  email VARCHAR(50),
```

```
password VARCHAR(20)
);
```

```
CREATE TABLE recipe_posts (
  recipe_post_id SERIAL PRIMARY KEY,
  recipe_post TEXT,
  user_id INTEGER,
  public_or_private BOOLEAN
);
```

```
CREATE TABLE ingredients_posts (
  ingredients_post_id SERIAL PRIMARY KEY,
  ingredients_post TEXT,
  recipe_post_id INTEGER REFERENCES recipe_posts(recipe_post_id)
);
```

```
CREATE TABLE friends (
  friends_id SERIAL PRIMARY KEY,
  user_id INTEGER
);
```

```
CREATE TABLE grocery_list (
  grocery_list_id SERIAL PRIMARY KEY,
  ingredients TEXT,
  user_id INTEGER
);
```