

Brainstorming:

User  
Email  
Password  
Recipes  
Ingredients  
Instructions  
Occasions  
Comments

### Table Ideas

User: contains email and password

Recipe will contain instructions

Ingredients

Comments

Occasions

### Relationships

#### **One to one**

#### **One to many**

User to recipe

Users to comments

Users to occasions

#### **Many to many**

Recipes to ingredients

```
-- -- DROP TABLE album, artist, customer, employee, genre, invoice, invoice_line, media_type,  
playlist, playlist_track, track;
```

```
-- CREATE TABLE users(  
--     user_id SERIAL PRIMARY KEY,  
--     name VARCHAR(30) NOT NULL,  
--     email VARCHAR(40) NOT NULL UNIQUE,  
--     password VARCHAR(30) NOT NULL  
--     occasions INT REFERENCES occasions(occasion_id),
```

```

-- comments INT REFERENCES comments(comment_id),
-- recipes INT REFERENCES recipes(recipe_id)
-- );

-- CREATE TABLE comments(
--     comment_id SERIAL PRIMARY KEY,
--     user_id INT NOT NULL REFERENCES users(user_id),
--     comments TEXT NOT NULL
-- );

-- CREATE TABLE occasions(
--     occasion_id SERIAL PRIMARY KEY,
--     user_id INT NOT NULL REFERENCES users(user_id),
--     occasion TEXT NOT NULL
-- );

-- CREATE TABLE recipes(
--     recipe_id SERIAL PRIMARY KEY,
--     name VARCHAR(50) NOT NULL,
--     instructions TEXT NOT NULL,
--     user_id INT NOT NULL REFERENCES users(user_id),
--     comments_id INT REFERENCES comments(comment_id),
--     occasions_id INT REFERENCES occasions(occasion_id)
-- );

-- CREATE TABLE ingredients (
--     ingredients_id SERIAL PRIMARY KEY,
--     ingredients VARCHAR (30)
-- );

-- CREATE TABLE recipe_ingredients(
--     recipe_ingredients_id SERIAL PRIMARY KEY,
--     recipe_id INT NOT NULL REFERENCES recipes(recipe_id),
--     ingredients_id INT NOT NULL REFERENCES ingredients(ingredients_id)
-- );

-- ALTER TABLE users ADD occasions INT REFERENCES occasions(occasion_id);
-- ALTER TABLE users ADD comments INT REFERENCES comments(comment_id);
-- ALTER TABLE users ADD recipes INT REFERENCES recipes(recipe_id);

```