Brainstorming

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user id

email - login

name

password

grocerylist - array

recipee - array

ingred id

ingredients

recipee id

user\_id (person who made the recipe)

recipee name

ingreds - array

instructions - array

status public or private

occasion\_id

user\_id

recipe\_id

users is one to many with recipe,

users is one to one with grocery list

user is one to many with occasion

recipe is many to many with occasion

Table ideas

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1. Users - user id (primary), name, email (also used for login), password
2. Occasion - occasion id (primary, occasion name, user id ( occasion owner)
3. Recipe - recipe id (primary), recipe name, instructions, status (public or private), user id
4. Ingredient - ingredient id (primary), ingredient name
5. Grocerylist - grocerylist id (primary), user id, ingredient recipe id (association table)
6. Ingredient-recipe (association table) - ingredient-recipe id (primary), ingredient id (foreign key), recipe id (foreign key)
7. Occasion-users (association table), occasion-users id, occasion id (foreign key), users id (foreign key)
8. Occasion-recipe (association table), occasion-recipe id, occasion id (foreign key), recipe id (foreign key)

Relationships

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User (occasion owner) to occasion, one to many relationship

User (attendee) to occasion, many to many relationship

User to grocerylist, one to many relationship

User to recipe, one to one relationship

Ingredient to recipe, many to many relationship

Occasion to recipe, many to many relationship

Columns

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1. Users - user id (primary), name, email (also used for login), password
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8. Occasion-recipe (association table), occasion-recipe id, occasion id (foreign key), recipe id (foreign key)

-- CREATE TABLE users (

-- user\_id SERIAL PRIMARY KEY,

-- name VARCHAR(30),

-- username VARCHAR(30),

-- password VARCHAR

-- );

-- CREATE TABLE recipes (

-- recipe\_id SERIAL PRIMARY KEY,

-- name VARCHAR(30),

-- Instructions VARCHAR,

-- status BOOLEAN,

-- user\_id INTEGER NOT NULL REFERENCES users(user\_id)

-- );

-- CREATE TABLE ingredients (

-- ingredient\_id serial primary key,

-- name varchar(30)

-- );

-- create table ingredients\_recipes (

-- id SERIAL PRIMARY KEY,

-- recipe\_id INTEGER NOT NULL REFERENCES recipes(recipe\_id),

-- ingredient\_id INTEGER NOT NULL REFERENCES ingredients(ingredient\_id)

-- );

-- CREATE TABLE grocerylists (

-- id SERIAL PRIMARY KEY,

-- user\_id INTEGER NOT NULL REFERENCES users(user\_id),

-- ingredients\_recipe\_id INTEGER NOT NULL REFERENCES ingredients\_recipes(id)

-- );

-- CREATE TABLE occastions (

-- id SERIAL PRIMARY KEY,

-- occasion\_name VARCHAR (30),

-- user\_id INTEGER NOT NULL REFERENCES users(user\_id)

-- );

-- CREATE TABLE occasion\_recipes (

-- id SERIAL PRIMARY KEY,

-- recipe\_id INTEGER NOT NULL REFERENCES recipes(recipe\_id),

-- occasion\_id INTEGER NOT NULL REFERENCES occastions(id)

-- );

-- CREATE TABLE occasion\_users (

-- id SERIAL PRIMARY KEY,

-- user\_id INTEGER NOT NULL REFERENCES users(user\_id),

-- occasion\_id INTEGER NOT NULL REFERENCES occastions(id)

-- );