**Brainstorming:**

Users can create an account

Sign in with email and password

Create recipes w/ ingredients

And instructions

Public and private- post?

Ingredients added to a grocery list

GROCERY LIST

Create occasions

Assign recipes to occasions

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**TABLE IDEAS**

1. User Table: - creates user information

User id serial id

Username

Password

email

Timestamp

1. Ingredients Table: crates table for ingredients

Ingredients serial id

User id

Items

portions

1. Create Recipe Table: (private) - creates a postable recipe that is private until posted

Create Recipe serial id

User id

Recipe id

Ingredients id

Items

Portions

1. Post recipe: (public)- takes a recipe created on the created recipe table posts it publically

Post id

User id

Ingredients

Timestamp

text

1. Grocery List Table: - creates a grocery list from ingredients of a certain recipe

Grocery list id

User id

Ingredients id

Groupings: dairy meat dried food drinks

6. View Recipes and Grocery List table - creates a table of

View id

Use id

Post recipes

Grocery lists

7. Occasion Table: creates a table of occasions and recipes that could go well with that occasion

Occasion id

User id

Recipe id \* adding

Occasions added

**Relationships**

One to One:

One to Many:

Users table

Many to Many:

Ingredients table

Recipes Table

Create Table

Post Table

View Table

Occasions Table

**Columns:**

Users - user id, name, password, email

Ingredients - ingredients id, user id, items, measurements

Post recipe (public) - post(public)id, users id, create recipe id, items, quantity

Create recipe (private) - create rec id, user id, ingredients id, items, quantity

Grocery list- grocery list id, user\_id, create rec id, diary, meat, dried food, drinks, items

Occasions- occasions id, users id, create recipe id, occasions

**SQL CODE**

-- create table users (

-- users\_id serial primary key,

-- username varchar(30),

-- password text,

-- email varchar(30),

-- timestamp timestamp

-- );

-- INSERT INTO users (username, password, email)

-- VALUES

-- ('hoshjobson', '1233456', 'yehhaw@gmail.com');

-- create table ingredients (

-- ingredients\_id serial primary key,

-- user\_id integer references users(users\_id),

-- items varchar(255),

-- measurements varchar(255)

-- );

-- INSERT INTO ingredients (items, measurements)

-- -- VALUES

-- -- ('carrots', '1/2 pound'), ('potatoes', '3/4 pound');

-- -- select \* from ingredients;

-- create table publicTable (

-- post\_receipe\_id serial primary key,

-- user\_id integer references users(users\_id),

-- ingredients\_id integer references ingredients(ingredients\_id),

-- items varchar(255),

-- quantity varchar(255)

-- );

-- create table privateTable (

-- private\_table\_id serial primary key,

-- user\_id integer references users(users\_id),

-- ingredients\_id integer references ingredients(ingredients\_id),

-- items varchar(255),

-- quantity varchar(255)

-- );

-- create table grocerylistTable (

-- grocery\_list\_id serial primary key,

-- user\_id integer references users(users\_id),

-- ingredients\_id integer references ingredients(ingredients\_id),

-- dairy varchar(255),

-- meat varchar(255),

-- driedfood varchar(255),

-- drink varchar(255),

-- items varchar(255)

-- );

-- create table occasionTable (

-- occasions\_id serial primary key,

-- user\_id integer references users(users\_id),

-- ingredients\_id integer references ingredients(ingredients\_id),

-- private\_table\_id integer references privateTable(private\_table\_id),

-- occasions varchar(255)

-- );