### **Features**

* users can sign into the app with their email and password
* users can create recipes with ingredients and instructions
* recipes can be marked as public or private
* users can view other people’s recipes
* ingredients from recipes can be added to user’s grocery lists
* users can create their own occasions and assign recipes to occasions

BRAINSTORMING

* User data: email, password, user\_name,
* Recipe data : ingredients, method, user
* Post data : user, ingredients, method, timestamp
* Ingredient data: ingredients
* Grocery data: ingredients, user

TABLE IDEAS

* Auth table: email, password :this table just has the user information
* User Table: name groceries : this just shows the user and what groceries they have
* Recipe Table: ingredients, user, method : creation of the recipe
* Post Table: recipe, user, is\_public : posting the recipe to the app
* Ingredient Table: ingredient : list of ingredients
* Grocery table : user, ingredient : linked to the user choosing what to add to grocery list

REALTIONSHIPS

One to one: auth&user

One to many:user&recipe, recipe&post, recipe&ingredient, ingredient & grocery

Many to many: users,

COLUMNS

* Auth - auth\_id, user\_id, email, apassword\_hash
* User- user\_id, first\_name, last\_name
* Post - user\_id, post\_id, recipe\_id
* Recipe - user\_id, recipe\_id, ingredient, method
* ingredient - user\_id, recipe\_id, ingredient\_id, ingredient
* Grocery- user\_id, ingredient\_id, grocery\_id

\*\* alter recipe table to include ingredient\_id

-- CREATE TABLE users(

-- user\_id serial primary key,

-- first\_name varchar(30) not null,

-- last\_name varchar(30) not null

-- );

-- CREATE TABLE Auth (

-- auth\_id serial primary key,

-- user\_id int not null REFERENCES users(user\_id),

-- email varchar(50),

-- password\_hash text

-- );

-- create table recipe (

-- recipe\_id serial primary key,

-- user\_id int not null references users(user\_id),

-- method text

-- );

-- CREATE TABLE ingredient (

-- ingredient\_id serial primary key,

-- user\_id int not null references users(user\_id),

-- recipe\_id int not null references recipe(recipe\_id),

-- ingredient text

-- );

-- alter table recipe

-- ADD ingredient\_id int not null references ingredient(ingredient\_id)

-- create table post (

-- post\_id serial primary key,

-- user\_id int not null references users(user\_id),

-- recipe\_id int not null references recipe(recipe\_id)

-- );

-- CREATE TABLE grocery (

-- grocery\_id serial primary key,

-- user\_id int not null references users(user\_id),

-- ingredient\_id int not null references ingredient(ingredient\_id)

-- );

-- insert into users(first\_name, last\_name)

-- values ('lucas','nogueira')

-- insert into auth(user\_id,email, password\_hash)

-- values (1,'howdy@yahoo.com','Password')