Brain storming:

We will make tables that will hold a users information such as email and password that will set a way for a user to log into the site. Secondly we will make a table for users recipes. This will hold info such as ingredients instructions and a variable to see if the recipe is viewable by the public. Thirdly since we addressed ingredients we need to make a table for them for our customer to use. This will hold their id name type of product. Next we add the shopping cart this allows users to add all the ingredients to a shopping cart table to make the recipe on their own. Finally we have the occasions table which will state what kind of occasion the dish is good for.

Table ideas:

Table: users:

id

Email

Password

Table: Recipe:

Id

user\_id

Ingredients\_id

Instructions

Is\_public

Table:Ingrediants:

Id

Name

Price

Category

Table: shopping\_cart:

Id

User\_id

Ingrediants\_id

Table: Occasions:

Id

Recipe\_id

Relationships in the tables <3

User table - one to many

Recipe table - one to many

Ingredients - one to many

Shopping kart many to many

Occasions - one to one

create table users (

id serial primary key,

email varchar,

password varchar

);

create table ingrediants (

id serial primary key,

name varchar,

type varchar,

price float

);

create table occasions (

id serial primary key,

occasion varchar

);

create table recipes (

id serial primary key,

user\_id int NOT NULL REFERENCES users(id),

occasion\_id int NOT NULL REFERENCES occasions(id),

is\_viewable boolean

);

create table shopping\_carts (

id serial primary key,

user\_id int NOT NULL REFERENCES users(id),

ingrediant\_id int NOT NULL REFERENCES ingrediants(id)

);

create table recipe\_ingrediants (

id serial primary key,

recipe\_id int NOT NULL REFERENCES recipes(id),

ingrediant\_id int NOT NULL REFERENCES ingrediants(id)

);