**Brainstorming**

Features

* Post pics
* Send pics
* Comment
* Like
* Reply
* Dislike
* Search users
* Post recipe
* Notifications
* Groups
* Hashtags
* Share

Users

* Users can login to the app
* Users can follow each other
* Users can post content
* Users can interact with posts
* Users can search other users, groups, etc.

App

* Users can login
* Username
* Password
* Email
* Date of birth
* Phone number
* Location
* Business or personal use
* Users can follow each other
* ID
* Users can post recipes
* Post id
* Input/content
* Comment ID
* Comments
* Type
* Users can comment on posts
* Comments
* Comment ID
* Post ID
* Users can update recipes to grocery lists
* Users can update recipes of other users to their personal grocery lists

Table ideas

* Users
* Hold information about our users
* Bio, age, etc.
* Authorization
* Holds user’s login details
* Email, password, username, etc.
* Recipes
* Holds info related to who wrote the post, tagged people, content, date/time, likes/dislikes, image URL, location
* Comments
* Hold information about who wrote the comment, which post the comment is on, tagged ppl, content, date/time, like/dislikes, image URL, location
* Following
* Stores who is following whom

Relationships

* One to one
* Users to authorization
* This is for the log-in. The info should be unique and there can only be a one-to-one relationship to protect sensitive data.
* One to many
* Recipe to comments (one recipe can have several comments)
* Users to comments (one user can post several comments on different recipes)
* Users to recipes (one user can have many recipes posted onto their account)
* Recipes to grocery list (many recipes to one grocery list)
* Many to many
* Users to followers (there can be many followers to many different users)

SQL Code

CREATE TABLE "public.Users" (

"first\_name" varchar(255) NOT NULL,

"user\_id" integer NOT NULL,

"last\_name" TEXT NOT NULL,

"image" TEXT,

"bio" TEXT NOT NULL

);

CREATE TABLE "public.Auth" (

"user\_id" integer NOT NULL,

"email" varchar(255) NOT NULL UNIQUE,

"password" varchar(255) NOT NULL UNIQUE,

"dob" DATE NOT NULL,

"ssn" varchar(9) NOT NULL UNIQUE

);

CREATE TABLE "public.Recipes" (

"user\_id" integer NOT NULL,

"recipe\_id" serial NOT NULL,

"like" BOOLEAN NOT NULL,

"time" TEXT NOT NULL,

"image" TEXT NOT NULL,

CONSTRAINT "Recipes\_pk" PRIMARY KEY ("recipe\_id")

);

CREATE TABLE "public.Comments" (

"user\_id" varchar(255) NOT NULL,

"recipe\_id" integer NOT NULL,

"content" TEXT NOT NULL,

"location" TEXT NOT NULL,

"image" TEXT NOT NULL

);

CREATE TABLE "public.Following" (

"user\_id" varchar(255) NOT NULL

);