Recipe sharing

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 peoples recipes
* Ingredients from recipes can be added to user’s grocery list
* Users can create their own occasions and assign recipes to occasions

Brainstorming

* Users ( pass, email, profile, id)
* recipes (instructions, ingredients0
* Grocery list

Table Ideas

Users (this table contains information about individual users)

Recipes (this table contains all of the recipes from all users)

Occcasions

Grocery list (this contains each user’s grocery list)

Relationships

One-to-one

* User and recipes share the user id because only one id can be assigned to a user and each recipe is from an individual user

One-to-many

* Recipe id would be one to many
* Users to occasions

Many-to-many

* Recipes and users are both many to many because they are referred to in several tables
* Users is many to many

Columns

Users (this table contains information about individual users)

* Userid SERIAL PRIMARY KEY
* Name TEXT
* Email TEXT
* Password TEXT
* Recipes INTEGER
* Recipes\_name TEXT

Recipes (this table contains all of the recipes from all users)

* Recipe ID SERIAL PRIMARY KEY
* Recipe name TEXT
* ingredients TEXT
* Instructions TEXT

Occcasions

* Occasion\_name TEXT
* Occasion\_id SERIAL PRIMARY KEY
* Recipe\_id REFERENCES recipes(recipe\_id)

Grocery list (this contains each user’s grocery list)

* List ID SERIAL PRIMARY KEY
* User id

Create tables in sql

CREATE TABLE users(

Userid SERIAL PRIMARY KEY,

Name VARCHAR(100) NOT NULL,

Email VARCHAR(100) NOT NULL,

Password VARCHAR(100) NOT NULL,

Recipes INTEGER,

Recipe\_names VARCHAR(100)

);

CREATE TABLE recipes(  
Recipe\_id SERIAL PRIMARY KEY,

Recipe\_name VARCHAR(100) NOT NULL,

Instructions TEXT NOT NULL,

ingredients TEXT NOT NULL,

);

CREATE TABLE grocery list(

Grocery\_list\_id SERIAL PRIMARY KEY,

User\_list TEXT

);

CREATE TABLE occasions(

Occasion\_name VARCHAR(100) NOT NULL,

Occasion\_id SERIAL PRIMARY KEY

);