Data Modeling Demo

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:

What we need to capture from our users:

* First name
* Last name
* Email
* Username
* Password
* recipe posts
* Pictures (profile pics)

Tables

users:

user\_id

first\_name

last\_name

username

password

contact\_info:

contact\_id

user\_id

email

address

phone

recipe\_posts:

recipe\_id

ingredients\_id

instructions

user\_id

picture\_id

ingredients

ingredients\_id

ingredients\_text

grocery\_lists:

grocery\_list\_id

ingredients\_id

pictures:

picture\_id

post\_id

url

occasions:

occasion\_id

user\_id

recipe\_id

Relationships

One to one

User = contact\_info

(contact info only connects to user table)

One to many

recipe => pictures

(recipes can have many pictures for one recipe)

users => recipe\_posts

(one user can post many recipes)

Many to many

users ⬄ grocery\_lists

(many users can use the same grocery lists)

users ⬄ occasions

(many users can link to many occasions)

ingredients ⬄ recipe\_posts

(there are many ingredients that go into many recipes)

ingredients ⬄ grocery\_lists

(there are many ingredients that go into many recipes)