

Brainstorming

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

Users:

- user id
- email
- password
- phone number
- name
- birthday

Recipes:

- ingredients
- instructions
- creator
- private

ingredients:

-

grocery:

- ingredients
- occasions

Table ideas

Users:

- User_id
- Email
- Password
- Phone_number
- Name
- Birth_date

Recipes:

- Recipes_id
- User_id
-

Grocery:

- Grocery_id
- User_id
- Recipes_id

Relationship

- User → Recipes (one to many)
- User → Grocery
- Recipes → Grocery (one to many)
- Ingredients → Grocery (many to many)

Columns

User	Recipes	Ingredients	Grocery
Primary key	Primary key	Primary key	Primary key
Email (TEXT)	Foreign key to users	Foreign key to recipes	Foreign key to users
password (VARCHAR(200))		Foreign key to grocery	Foreign key to recipes
Phone_number (INTEGER)			
Name VARCHAR(30)			
Birth_date (DATE)			