

Spread The Spice

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

- Users can sign into app
 - Email
 - Password
- Users can register for the app
 - Email password
- Users can create recipes
 - Ingredients list
 - Directions text
 - Picture of finished food product
 - Overview of recipe (prep time, cook time, yields #)
 - Category of dish
 - Mark the recipe as public or private
- Users can view posted recipes
 - Like
 - Save
 - Follow user
 - Comments about recipe
 - Rate
- Users can add recipe ingredients into grocery list
 - From recipe to grocery list

TABLE IDEAS

- Users
 - Hold info about user's personal info
- Create Recipe
 - Heading
 - Holds info about the overview of the recipe (author, prep/cook time, yield amount, current rating, picture of completed food)
 - Ingredients
 - Hold specific information about the amount and type of ingredients needed for the recipe
 - Directions
 - Holds information about how to actually make the recipe
- Browse
 - Holds information about various recipes posted by people

- Groceries
 - Holds information about what ingredients a user has saved/needs

RELATIONSHIPS

- One to One
 - Users to groceries
 - Users to created recipe
- One to Many
 - Posted recipe to users
 - Recipe to groceries
- Many to Many
 - Created recipe to browse

COLUMNS

- Users
 - displayName
 - To display an author name on created recipes
 - Chose text to be sure longer names would fit
 - Email
 - To hold the users sign in info
 - Chose text in case an email is longer
 - Password
 - Security check for the sign in
 - Text to have more variety and length
- Create Recipe
 - foodPic
 - Store a picture of what the food should look like
 - Wasn't sure what to put for the type so I left it
 - Overview
 - Hold the basic info about a recipe
 - Text to allow for length and variety of the styles
 - Ingredients
 - Stores all needed ingredients for the given recipe
 - Text to create a checkbox layout
 - Directions
 - Stores the needed steps to create the recipe
 - Text since this would be longer paragraphs
- Browse
 - Filter
 - Stores a value to narrow down a recipe search
 - String to be more of a query
 - Keyword
 - Stores a value to narrow down a recipe further
 - String to be more of a query
- Groceries

- List/list2
 - To hold the info of needed ingredients to buy
 - Text to let the length go longer and be more of a check off list

SQL TABLES

CREATE TABLE users (person_id SERIAL PRIMARY KEY, email TEXT, displayName TEXT, password TEXT);

CREATE TABLE recipe (recipe_id SERIAL PRIMARY KEY, overview TEXT, ingredients TEXT, directions TEXT);

CREATE TABLE browse (recipe_id INTEGER, filter CHAR(50), keyword CHAR(50));

CREATE TABLE groceries (person_id INTEGER, recipe_id INTEGER, list TEXT);