**CREATE RECIPE APP**

FEATURES:

* User can sign into the app with email and password
* User can create recipes with ingredients with ingredients and instructions
* recipes can be marked as public or private
* Users can follow other users
* 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 with email and password
  + User info
    - Email
    - Password
  + Keeps track of whether or not you have prepared the recipe
* Create Recipes
  + Create Recipes with all ingredients and step by step instructions
  + Set the Recipe to Private(followers only) or Public
  + Users can share recipes with whom they want
* Follow other users
  + Follow other users to view recipes
  + Following allows to view private recipes
* Create Grocery List
  + Users can add ingredients from recipes directly to grocery list
* Create Occasion
  + Users can create an occasion and add what recipes to use for such an occasion

TABLES:

**Tables**

* Users table
  + Keep track of ingredients user has purchased/used
* Auth table
  + Hold private login information
* Recipes table
  + Which user made the recipe
  + Ingredients in recipe
  + A recipe needs to show all included ingredients
  + A recipe needs to have instructions on how to make it
  + If a recipe is private or publicHave separate recipe sections for meals they have already prepared and meals they haven't
  + A user would want to be able to save viewed recipes
* Reviews
  + Users should be able to leave reviews/comments on recipes
* Grocery list
  + Entered ingredients
  + Ingredients pulled from recipes
  + Suggested recipes based off entered ingredients
* Occasions
  + Links to a user
  + Be assigned recipes
  + Be able to set repeatable events
  + Give recommendations for future events
* Refrigerator
  + Links to a user
  + Pulls purchased ingredients from grocery list
  + Pulls recipe recommendations from recipes table
  + Tracks current ingredients

RELATIONSHIPS:

One-to-one:

* Auth to users

One-to-many:

* Recipes to user
* Refrigerator to user
* Occasions to user
* Grocery List to user

Many-to-many:

* Reviews to user and recipes

ADDED Reviews, Auth, Ingredients and Saved Recipes after reflection.

COLUMNS:

Users table:

* User\_id = base number of the user
* Name = name of user
* Bio = short summary of user

Auth Table:

* Auth\_id = base number of user
* Email = email of user
* Password = password of user
* User\_id = user identified

Ingredients:

* Name = name and short summary for each ingredient type

Recipes:

* Recipe\_id = base number for recipe
* User\_id = user identified
* Name = name of recipe
* Ingredients = list of ingredients required
* Instructions = short step by step to help prepare recipe

Saved Recipes:

* Saved\_id = base id for each recipe saved
* User\_id = user identified
* Name = name of the recipe saved

Reviews:

* Reviews\_id = base number for review
* User\_id = user identified
* Name = name of recipe to review
* Event\_name = name of occasion to review
* Review = area to leave review message

Refrigerator:

* Refrigerator\_id = base number for refrigerator
* User\_id = user identified
* Name = name of ingredients
* Name = name of recipe

Grocery List:

* Grocery\_list\_id = base number for grocery list
* User\_id = user identified
* Ingredients = ingredients from recipe
* Name = ingredients not from recipe(custom ingredients)

Occasions:

* Occasions\_id = base number for occasion
* User\_id = user identified
* Event\_name = name of occasion
* Event\_bio = short summary of event
* Name = name of recipe used at event