Concept planning for grocery/recipe app

Required Features--------------

1.users can sign into the app with their email and password

2.users can create recipes with ingredients and instructions

3.recipes can be marked as public or private

4.users can view other people's recipes

5.ingredients from recipes can be added to user's grocery lists

6.users can create their own occasions and assign recipes to occasions

Brainstorming list & Descriptions-------------

Users Table – Table to keep track of various users via 3 elements

-user_id SERIAL PRIMARY KEY

-username VARCHAR(30)

-password TEXT(30)

-email VARCHAR(30)

Recipes Table – Table to store recipes and allow users to view theirs and others

-recipe_id SERIAL PRIMARY KEY

-user_id REFERENCE

-recipe_names VARCHAR(30)

-instructions TEXT

Ingredients Table - This table allows the user to list the ingredients needed for a specific recipe.

-ingredient_id SERIAL PRIMARY KEY

-ingredient_name VARCHAR(30)

-quantity INTEGER

Grocery List Table – This table allows the user to create a new grocery list of all sorts of items. Separated into different types of items.

-grocery_list_id SERIAL PRIMARY KEY

-create_recipe_id REFERENCE

-add_recipe TEXT

-user_id REFERENCE

-type

Post Table

post_id integer

user_id integer

timestamp timestamp

text text

add_recipe text

Occasion Table - This table allows the user to add a recipe to a special occasion.

For example: Turkey - Thanksgiving.

Occasion_id SERIAL PRIMARY KEY

-user_id INTEGER

-add_recipe_id REFERENCE

Relationships------------

One to One:

Privacy to Users

One to Many:

Users Table

Many to Many:

Recipes Table

Occasion Table

Grocery Table

Ingredients Table

View Table

Posts Table