Brainstorming

Users
User id
User email
User password

Recipe
Recipe id
Recipe instructions
Recipe ingredients
Recipe type (pub or priv)

Recipe post
Post id
Post content
Photo of post

Grocery
Grocery id
Added to list int not null reference recipe (recipe ingredients)

Occasions
Occasion id
Occasion name
Occasion not null reference recipe(recipe instructions)

Table Ideas

```
CREATE TABLE users (
  user_id
  user_password ,
  user_email ,
  first_name ,
  last_name ,
  user_bio
);

CREATE TABLE recipe (
```

recipe_id
recipe_instructions – how the recipe is done
recipe_ingredients- what inside the recipe
recipe_public = whether the user chooses public or private

);

CREATE TABLE posts (
Post_id – Id # for the post
Post_content – info about the posted recipe
Author_id – the id of the person who posted this recipe
);

Create table grocery (
Grocery id – Id for grocery item
Added_to_list – int not null reference recipe(recipe_ingredients)

CREATE TABLE occasions (
occasion_id -id for the occasion
occasion_name – name of the occasion
occasion_image – image idea of what to expect the venue to look like
info_id – recipes that can be assigned

Relationships

One-to-one

a) Users 🔔 posts – posts that are private will only be shown to that user or to those they choose have access to recipe

1-to-many

a) Users 🔔 posts - recipe posts that are public will be viewable as well as the user who posted it
b) Users 🔔 recipes = recipe posts of that user will be seen by others if public

Many-many

c) Users 🔔 occasions = because users will be able to make/assign their own recipes of items they may see
d) Occasions 🔔 recipes = anyone is able to assign a recipe to an occasion as long as the recipe is public to other users

e) User 🔔 posts – recipe posts that are public will be viewable as well as the user who posted it
f) Recipe 🔔 grocery = recipes that are public will allow other users to easily add specific ingredients of their choice to their own grocery list

Columns

CREATE TABLE users (
user_id – data is needed to identify each user with a particular id
user_password – needed for the user to be able to login to their specific account
user_email – needed for the user to be able to login to their specific account
first_name – needed to identify the name of the owner of the account
last_name - needed to identify the name of the owner of the account
user_bio – brief information about the owner of the account and the recipes he/she likes
);

CREATE TABLE recipe (
recipe_id – specific recipe id number
recipe_instructions – how the recipe is done with the specific ingredients
recipe_ingredients- what inside the recipe
recipe_public = whether the user chooses public or private

);

CREATE TABLE posts (
Post_id – Id # for the post
Post_content – recipe post and any other info the user might choose to include about the recipe
Author_id – the id of the person who posted this recipe, which links the user's username
);

CREATE TABLE grocery (
Grocery id – Id for grocery item
Added_to_list – recipes that a user may like they can add individual ingredients to their own grocery list for their own recipe

CREATE TABLE occasions (
occasion_id – specific id number for the occasion
occasion_name – name of the occasion so user can identify if they have multiple occasions
occasion_image – image idea of what to expect the venue to look like

info_id – user can create their own occasion and add recipes to that specific occasion

OFFICIAL TABLE

```
CREATE TABLE users (
  user_id SERIAL PRIMARY KEY,
  user_password VARCHAR(200),
  user_email VARCHAR(200),
  first_name VARCHAR(50),
  last_name VARCHAR(50),
  user_bio VARCHAR(150)
);
```

Users Table Data

```
INSERT INTO users (first_name, last_name, user_email, user_password, user_bio)
VALUES ('Joe','Thomas','jt2000@aol.com',123456,'I love fine dining cuisines')
```

```
CREATE TABLE recipe (
  recipe_id SERIAL PRIMARY KEY,
  recipe_instructions VARCHAR(1000),
  recipe_ingredients VARCHAR(1000),
 recipe_public BOOLEAN,
author_id INT NOT NULL REFERENCES users(user_id)

);
```

Recipe Table Data

```
INSERT INTO recipe (recipe_ingredients, recipe_public, recipe_instructions)
VALUES ('Tomatoes, Dough, Marinara Sauce, Cheese', false, 2244, 'Add water to your dough
and mix the sugar within it, place in oven for 15 minutes, then take out and put cheese,
tomatoes and put marinara sauce on it')
```

```
CREATE TABLE posts (
  Post_id SERIAL PRIMARY KEY,
```

```
  Post_content VARCHAR(1000),
  Post_image VARCHAR(2000),
 Author_id INT NOT NULL REFERENCES users(user_id),
recipe_content INT NOT NULL REFERENCES recipe(recipe_id)

);
```

Posts Content Data

```
INSERT INTO posts (post_content, post_image,recipe_content, author_id)
VALUES ('This is my mothers favorite soup recipe suprise, one taste of this and know you guys are going to love it', 'Image url', 2233, 100)
```

```
CREATE TABLE occasions (
  occasion_id SERIAL PRIMARY KEY,
  occasion_name VARCHAR(500),
  occasion_image VARCHAR (2000),
 info_id INT NOT NULL REFERENCES recipe(recipe_instructions)

);
```

Occasion Content Data

```
INSERT INTO occasions (occasion_name, occasion_image)
VALUES ('Wedding','wedding-image-url')
```

```
CREATE TABLE grocery (
Grocery_id SERIAL PRIMARY KEY,
Grocery_name varchar(500),
Added_to_list INT NOT NULL REFERENCES recipe(recipe_ingredients),
Info_id INT NOT NULL REFERENCES users(user_id)

);
```

Grocery Content Data

```
INSERT INTO grocery (grocery_name, info_id)
VALUES ('Apples, Turkey, Soy Sauce, Fried Chicken', 2020)
```