Brainstorming

Keep track of:
The amount of users
Some needed information
used ingredients, recipes, and common groceries
Track how they found the recipe
Create recipes to occasions
User Flow: Homepage > (create) > occasions > recipes/ingredients > grocery list

Table Ideas:
User info - email and password
Email - this table will hold information of users email
Password - this table will hold information of users email
Recipes - this table will hold information of recipes, a row will be on recipe
Ingredients - this table will hold information of ingredients, a row will be one ingredient
Groceries - this table will hold information of groceries, each row will be 1 grocery
Occasions - this table will hold information of the possible occasions to have this food

Relationships:
one -to-one:
Email - only to one user
Password - only to one user

one-to-many:
Create recipes to occasions - a user can post multiple recipes
Groceries - item specific to a recipe or ingredient, but the recipe or ingredient is only pertinent to that food

many-to-many:
Recipes - connected to ingredients and occasions
Ingredients - " "
Occasions - " "

Columns:
User Info- make sure there are no other users with that email (using varchar). Track password to make sure they use the right one (varchar)

Create Recipes - store user id, and ingredients. To track which user made the recipe (integer), ingredients stored to show what is needed for the recipe (varchar)

Recipes - name of recipe to identify it to users (varchar) list of ingredients so they know what they need (int)

Ingredients - data to store items so it can be used for the recipes (varchar)

Groceries - ingredients, recipe, to get the user the ingredients needed for that recipe.

Occasions - store the recipe and ingredients suggested for occasions, they need to know the recipe and the ingredients needed to make the food (integer for both)


```
CREATE TABLE user_info (
id SERIAL PRIMARY KEY,
  email VARCHAR (32) NOT NULL,
  password VARCHAR NOT NULL
);

CREATE TABLE create_recipes (
id SERIAL PRIMARY KEY,
  ingredients VARCHAR (32) NOT NULL,
  user_id int NOT NULL REFERENCES user_info(id)
  );

  CREATE TABLE ingredients (
id SERIAL PRIMARY KEY,
  items VARCHAR (32) NOT NULL
  );


  CREATE TABLE recipes (
id SERIAL PRIMARY KEY,
  recipe_name VARCHAR (32) NOT NULL,
  ingredients_id int NOT NULL REFERENCES ingredients(id)
  );

CREATE TABLE groceries (
id SERIAL PRIMARY KEY,
  ingredients_id int NOT NULL REFERENCES ingredients(id),
  recipes_id int NOT NULL REFERENCES recipes(id)
  );

CREATE TABLE occasions (
id SERIAL PRIMARY KEY REFERENCES groceries(id),
  ingredients_id int NOT NULL REFERENCES ingredients(id),
  recipes_id int NOT NULL REFERENCES recipes(id)
  );
```

```sql
--  INSERT INTO user_info (email, password) VALUES ('will@gmail.com', 'password');
--  SELECT * FROM user_info;

-- INSERT INTO create_recipes (ingredients, user_id) VALUES ('soda and sugar', 1);
-- SELECT * FROM create_recipes
```

create_recipes
- user_idINTEGER
- ingredientsVARCHAR (32)
- idINTEGER

groceries
- ingredients_idINTEGER
- recipes_idINTEGER
- idINTEGER

ingredients
- idINTEGER
- itemsVARCHAR (32)

occasions
- idINTEGER
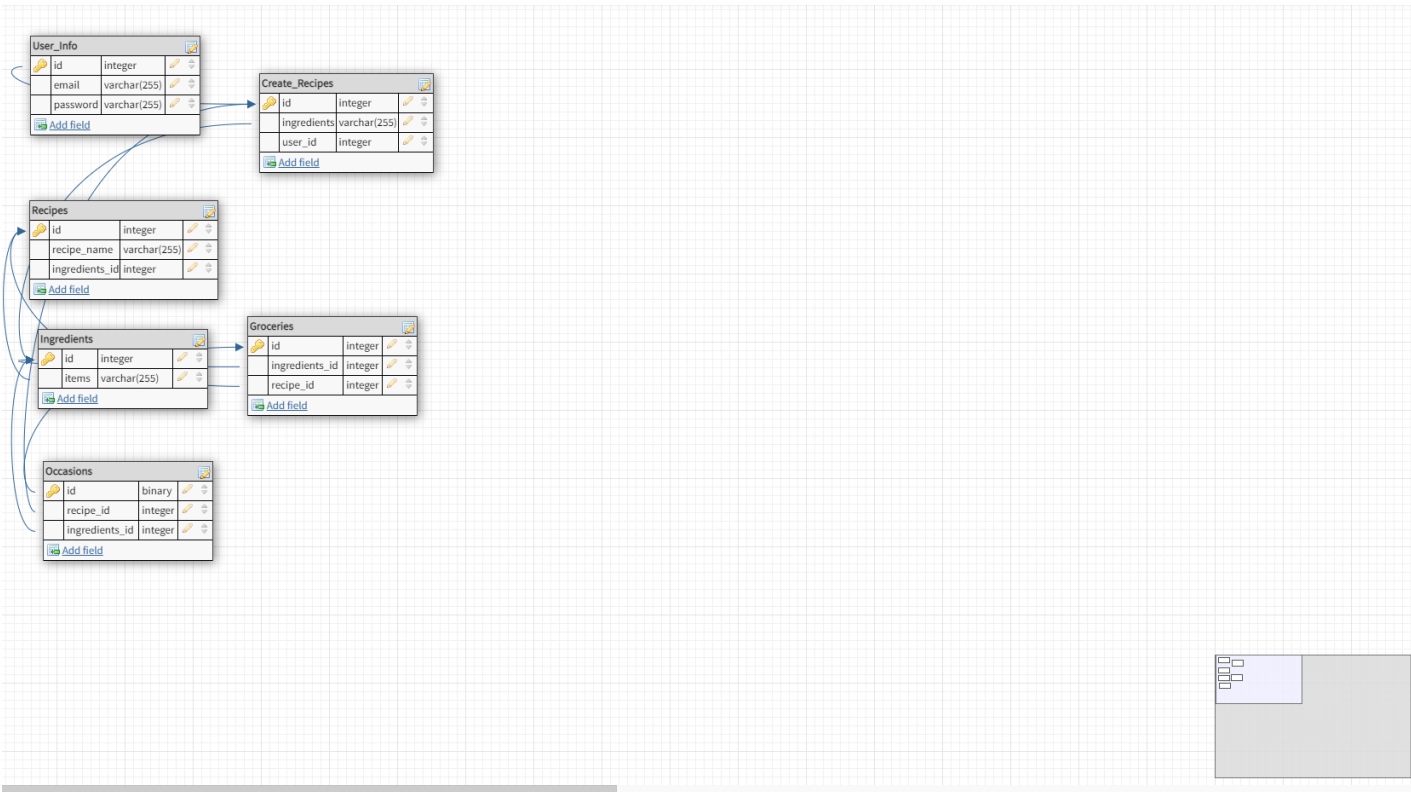- ingredients_idINTEGER
- recipes_idINTEGER

recipes
- idINTEGER
- ingredients_idINTEGER
- recipe_nameVARCHAR (32)

user_info
- idINTEGER
- emailVARCHAR (32)
- passwordVARCHAR ()

User_Info

🔑 id	integer		
email	varchar(255)		
password	varchar(255)		
Add field			

Create_Recipes

🔑 id	integer		
ingredients	varchar(255)		
user_id	integer		
Add field			

Recipes

🔑 id	integer		
recipe_name	varchar(255)		
ingredients_id	integer		
Add field			

Ingredients

🔑 id	integer		
items	varchar(255)		
Add field			

Groceries

🔑 id	integer		
ingredients_id	integer		
recipe_id	integer		
Add field			

Occasions

🔑 id	binary		
recipe_id	integer		
ingredients_id	integer		
Add field			

Schema Name: Guest Template
Database: generic

Schema Explorer

- Guest Template
  - User_Info
    - id
    - email
    - password
  - Recipes
    - id
    - recipe_name
    - ingredients_id
  - Create_Recipes
    - id
    - ingredients
    - user_id
  - Ingredients
    - id
    - items
  - Groceries
    - id
    - ingredients_id
    - recipe_id
  - Occasions
    - id
    - recipe_id
    - ingredients_id

History

11/29/2018, 12:30:00
11/29/2018, 12:26:57
11/29/2018, 12:23:58
11/29/2018, 12:21:31
11/27/2018, 15:41:36
11/27/2018, 15:02:25

Comments

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