Brainstorming

Users

Recipes

Tags

Ingredients

Instructions

Grocery list

Groceries

Occasion

One-to-one

Instructions - recipes

One-to-many

Users – grocery list

Users - recipes

Many-to-many

Tags recipes

Grocery -gr list

User -occasion

CREATE TABLE tags (

id SERIAL PRIMARY KEY,

name VARCHAR(50) UNIQUE NOT NULL,

description VARCHAR

);

CREATE TABLE ingredients (

id SERIAL PRIMARY KEY,

name VARCHAR(50) UNIQUE NOT NULL,

description VARCHAR,

instruction VARCHAR

);

CREATE TABLE grocery\_list (

id SERIAL PRIMARY KEY,

name VARCHAR(50) UNIQUE NOT NULL,

description VARCHAR,

groceries INT NOT NULL REFERENCES ingredients(id)

);

CREATE TABLE users (

id SERIAL PRIMARY KEY,

username VARCHAR(20) NOT NULL,

email VARCHAR(50) NOT NULL,

password VARCHAR(50) NOT NULL,

grocery\_list INT REFERENCES grocery\_list(id)

);

CREATE TABLE recipes (

id SERIAL PRIMARY KEY,

ingredients INT NOT NULL REFERENCES ingredients(id),

name VARCHAR(50) UNIQUE NOT NULL,

users INT NOT NULL REFERENCES users(id),

tags INT NOT NULL REFERENCES tags(id)

);

CREATE TABLE occasion (

id SERIAL PRIMARY KEY,

name VARCHAR(50) UNIQUE NOT NULL,

description VARCHAR,

recipe INT NOT NULL REFERENCES recipes(id),

users INT NOT NULL REFERENCES users(id)

);