Grocery List Brainstorming

User table (this table will hold user information to log in and keep the information of user)

*One user can have multiple recipes: one-to-many relationships.*

Recipes (this table user id, name of foods, description on how to do it, cooking time, serving for how many people, PRIVATE or PUBLIC)

*Recipes have relationship one-to-many with ingredients, rating & comments, instruction*

Rating and comments ( this table will hold recipes\_id, comments from users , and rating to the recipes). The relationship will be one (recipes) to many(comments)

Ingredients(this table will hold ing\_id, link with recipes\_id, name of foods, quantity of each ingredients, unit)

Instruction(

Users {

user\_id INTEGER PRIMARY KEY,

email VARCHAR(255) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL,

name VARCHAR(255) NOT NULL

}

Recipes {

recipe\_id INTEGER PRIMARY KEY,

user\_id INTEGER NOT NULL,

name VARCHAR(255) NOT NULL,

description VARCHAR(MAX),

cooking\_time INTEGER,

servings INTEGER,

private BOOLEAN NOT NULL,

user\_id INTEGER NOT NULL REFERENCES Users(user\_id)

}

Ingredients {

ingredient\_id INTEGER PRIMARY KEY,

recipe\_id INTEGER NOT NULL,

name VARCHAR(255) NOT NULL,

quantity INTEGER,

recipe\_id INTEGER NOT NULL REFERENCES Recipes(recipe\_id)

}

Instructions {

instruction\_id INTEGER PRIMARY KEY,

recipe\_id INTEGER NOT NULL,

description VARCHAR(MAX),

recipe\_id INTEGER NOT NULL REFERENCES Recipes(recipe\_id),

}

Grocery\_lists {

grocery\_list\_id INTEGER PRIMARY KEY,

user\_id INTEGER NOT NULL,

name VARCHAR(255) NOT NULL,

date DATE NOT NULL,

user\_id INTEGER NOT NULL REFERENCES Users(user\_id)

}

favorites {

user\_id INTEGER NOT NULL REFERENCES Users(user\_id),

recipe\_id INTEGER NOT NULL REFERENCES Recipes(recipe\_id)

}