

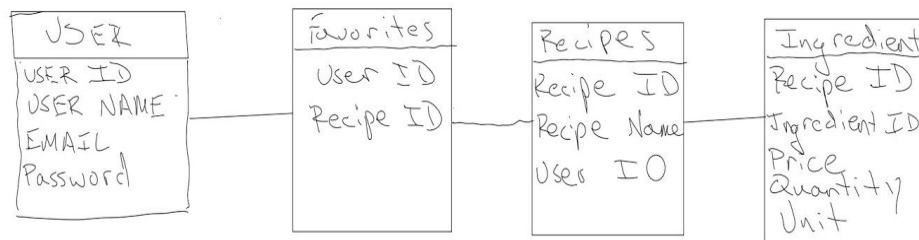
Milestone 4

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Database Model:

Database design

Friday, November 16, 2018 1:00 PM



Above is the database model we intend to use with our project. We will have a table for User, Favorites, Recipes, and Ingredients as those are the main key things we need for making our queries and searches as efficient as possible. User ID will be tied to both the user table and the favorites so we can easily search for recipes and ingredients using different primary keys from within both tables. A lot of our keys tie in from table to table, as you can see Recipe ID in the favorites is also used in the Recipes table and in the Ingredients table. So by having these certain keys we can access data from different tables and tie in what we are looking for more effectively.



(This is a more clean model of what we drew above. Still representing the same concepts)

Creation of Database:

Milestone 4 (Database SQL Queries)

→ create database food4u;

→ create table if not exists user (userid serial, username varchar(20) not null, email varchar(255) not null, password varchar(12) not null);

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→ create table if not exists favorites (recipeid int not null, userid int not null);

→ create table if not exists recipes (recipeid serial, recipename varchar(255) not null, userid int not null);

→ create table if not exists user (ingredients serial, recipeid int not null, price float not null, quantity int not null, unit int not null);

Link to Github SQL Creation of Database:

[https://github.com/Brandon-yi/Hack_Gang-Code/blob/master/SQL]