Group 25
'DROP TABLE project;
Lauren Baldino, Sierra Dacey, Alanna Luce, Christine O'Brien

Recipe Domain Project

Introduction

A tool for recipe management where users can track ingredients, supply, and make, use, and rate community sourced recipes.

Data Analytics - Pairings

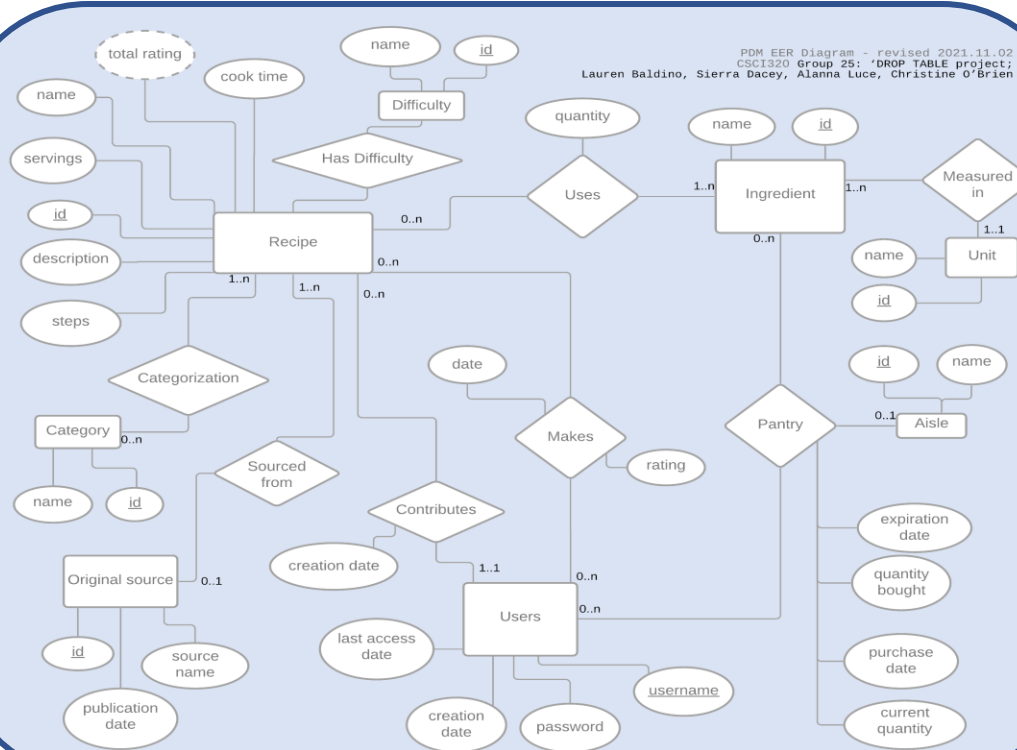| Salt + Butter	Sugar + Eggs
•1008	•347
Olive Oil + Garlic Cloves	All Purpose Flour + Butter
•597	•302

By analyzing which ingredients get paired the most together, recommendations for ingredients can be retrieved if a user is adding one of a high paired ingredient to their pantry.
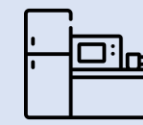
Technologies Used

Python command line UI with Datagrip integration for database interaction.

PDM EER Diagram - revised 2021.11.02
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Data Analytics – Top Recommendations

Top 5 Recipes By Rating

1. Scallops Marinara With Spinach Linguine
2. Sunday/ Any Day Spaghetti
3. Light Thai Coconut Soup
4. Pork Chili 'n' Cheese Stuffed Poblanos
5. Chocolate Almond Fat Bombs

Tracking the most popular recipes from rating and use will allow a recommendation to users searching for recipes to make. Recommending the most popular will give a better chance for user satisfaction on the recommendation.

Components
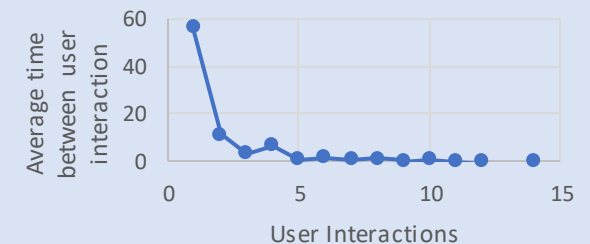
Pantry   Recipe   User

Difficulty   Category   Units

Ingredients

Data Visuals - Retention

User retention is higher the more the user interacts with rating and recipe creation. Therefore, suggesting user rate recipes and pushing recipe creation can help non active members become more active and stay on the system longer.