

DBMS Project - Recipe Recommender

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Project Overview.

We intend on implementing a recipe recommendation application that helps in finding the appropriate recipes based on the ingredients the user already has at home, the total number of calories that the user wants to eat and the budget he/she has for buying ingredients that they might not have.

The project will include a sizable database of recipes, the ingredients used, the total calories per serving, and the total cost to make each serving. It will have a separate database to hold the price of each ingredient to better recommend recipes within a budget.

Functionality of The Project.

Recommend a recipe based on certain constraints the user might have. The application will manage the constraints by doing the following :

1. Users can register and log in.
2. Users can edit their profile.
3. Users can bookmark the recipes for future reference after they sign in.
4. All users can search for recipes using ingredients, tags and the average rate.
5. When creating recipes, user can add ingredients, steps and other information.