

CS 411 B2  
Team 3  
Project Proposal

Proposal 1 (Food app):

The average individual often has difficulty deciding what they want to eat for the day, whether it's breakfast, lunch, or dinner. Our application will assist the too hungry to think user by simply providing a list of recommended dishes the user can whip up on their own based on their food preferences from their profile information. Our app will use an API, such as Tasty, MyCookbook, The MealDB, or Zestful, to provide a list of recommended recipes that should be easy to follow. In addition, to reduce the stress of grocery shopping a list of required ingredients will automatically be created using another API such as Kroger.

Proposal 2 (Workout tracker app):

The purpose of this application is to create a mobile app that allows users to create their own workout program and schedule. The user would create their own workout program by first selecting the days of the week they would workout, how many weeks the program would run, what areas they want to target, and what exercises they want to do. We would be using the WGER Workout Manager API to retrieve information on the various exercises the user can pick from that correspond to the various target areas, such as cardio, abs, arms, legs, etc., and display information such as how to perform the workout. In addition, we would add other features to help the user maintain their nutrition such as a calorie tracker and a recipe search that will use the Spoonacular API to retrieve a list of recipes matching the users search and displaying information on it.