

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. Using APIs to provide a list of recommended recipes (we're looking at APIs such as Tasty, MyCookbook, The MealDB, and Zestful) that should be easy to follow and automatically creates a list of the required ingredients so the user doesn't have to stress about grocery shopping (using APIs such as Kroger for local grocery stores).

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 click a button to create a specific type of program (cardio, bodybuilding, powerlifting, etc.), select the days of the week in which they would workout and for how many weeks the program would run, and what exercises they want to add. These specific exercises will be categorized by the body part they're incorporating (for example, barbell bench press would be upper body/chest and arms, so this information would have to be stored in a relational database). We would also be using the WGER Workout Manager API for equipment needed for every exercise, information regarding how to do the exercise, etc.