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Recipe Finder

The goal of *Recipe Finder* is to recommend recipes based on a user's health goals and kitchen inventory. Users will create profiles, compete with friends, and track their progress. The web application will use both HealthKit and Fitbit APIs to gather information about the user's activity levels and the recipe search API to find recipes. It will combine kitchen inventory, nutrition and physical activity information to make a dietary and fitness plan.

Unified social media feed

This application will read posts and activity from social media platforms such as facebook, twitter, and instagram and apply sentiment analysis to decipher how the user's peers are feeling. The application will then categorize the peers and make recommendations of whether or not to message them based on their possible mood.