SFWR 4G06A - NutriBud - Updated Project Goals

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1 Project Description

Calorie Counter is a health and fitness mobile application that will help the user track their calorie and nutritional intake. The user will take pictures of their daily meal contents and the app will provide accurate estimates of the food's nutritional values. The app will also continuously log the user's diet and fitness information. The application will allow users to create and track their fitness and nutritional goals.

2 Goals

2.1 Expected Goals

- Provide the user an estimate on nutritional information of a single food item according to a given picture.

- Enable data visualization through a fitness and nutritional timelines for each user.

- Allow the user to track their daily nutrient requirements (e.g. calories, protein, etc.), along with their fitness and nutritional goals.

- Securely store user data on the cloud so that users can access their profile information from multiple devices without the need to store data locally

- Introduce a competitive game aspect among friends/groups (pictures of food and/or nutritional stats) to motivate users to adhere to a particular regimen

2.2 Stretch Goals

- Showcase estimated nutritional data for pictures containing multiple foods.