

Project Description

Project Name: Team up Fat down
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The name of our app is Team up Fat down. The inspiration of this application is that all of team members are fitness enthusiasts who want to record the daily intake and reduction of calories and do exercise with friends.

This application has following features:

1. **Calculation and record of daily intake and reduction of calories.(Activity page and Nutrition Page)** This daily intake of calories can be calculated by choosing a kind of nutrition and corresponding intake, the daily reduction of calories can be calculated when given a type of sport and duration. The statistics can be stored after calculation.
2. **Daily Goal.(Goal page)** A goal can encourage user to persist in exercising and dieting everyday. User can set the daily goal on the user page. The goal and net reduction of calories will be showed on the homepage of this app.
3. **Comparing self.(Compare Page)** The comparison of current and past body type can clearly show the effect of fitness. So one function of this app is putting current and past picture of user in a page to show the effect. The “past” picture can be uploaded once the user select this function in the app. The “current” picture can be updated whenever user wants.
4. **Exercise with friend.(Team Page)** User can send message to invite friends to exercise together. There is an inbox in this app to store the message from friends. User can reply to friend after receiving the message.
5. **Competition with friend. (Team Page and Duel page)** In the Team page, user can choose friends to compete about the reduction of calories, which could inspire user to achieve daily goal.

More information about this application can be found in the detailed requirement.

List of Android features:

1. **Video Camera.** User can upload picture from album as avatar or “past” and “current” picture.
2. **Touchscreen:** User can touch screen to choose type of sport, duration, etc.
3. **Connectivity:** User can send message, upload picture by GSM or Wi-Fi.
4. **Voice-based features:** User can get notification when receiving message or achieve daily goal.