

CS408

Fitness Tracker Pro

Project Charter

Tianyang Yu, Jing Chang, Zhicheng Zhou
Yuying Wang, Hanchen Li

Project Charter

1. Problem statement:

Fitness enthusiasts usually keep their exercise journals every day, but it is hard to record and generate a vivid visualization of the work they achieved. They also want to know about their exercise patterns as well as sport suggestions. A “Fitness Tracker Pro” application can be created to satisfy all these needs.

2. Objectives:

Our project will create a software, written in Java, which can get data from user inputs, manipulate them and then produce desired outputs in an efficient and elegant way. It will have the following features:

- Each user can use our software locally or log in to our online system
- Provide pre-set and self-created (customized) exercise plans.
- Record daily exercise amount in term of Calories.
- Choose whether your plan and contact info is public or private.
- Enable to share public personal training plan among different users.
- Rate training plans of other people and leave comment.
- Generate periodical report based on your workout.
- Visually compare the workouts of yours with your friend's.
- Generate visual graph based on planned and actual amount of exercises.
- Provide related training video based on chosen plan and personal schema.

3. Stakeholders:

Users: Fitness enthusiasts.

Customers: Fitness enthusiasts who wants to track of their exercise, Fitness companies

Software developers: Tianyang Yu, Jing Chang, Zhicheng Zhou, Yuying Wang, Hanchen Li

Development managers: Project coordinator

4. Deliverables:

A Java application on desktop/laptop that could help users to record their daily fitness and generate a trend chart of their amount of exercise in term of Calories.