FiTracks

Use-Case Model

Submitted to:

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Unique Reference:

The documents are stored in the Project Repository Link: https://bit.ly/2NymdWX referenced with Group 4 - FiTracks - Use Case Model.pdf.

Document Purpose:

This document is provided to show the Use-Case Model for our application. It provides the description of our model as well as the Use-Case Diagram and the list of actors and use-cases.

Target Audience:

The target audience are students from the University of the Philippines, Diliman, Quezon City. All from different colleges and lifestyles for broader perspectives. Also included are Professors, Instructors, Asst. Instructors, and other health enthusiasts within the vicinity of the campus.
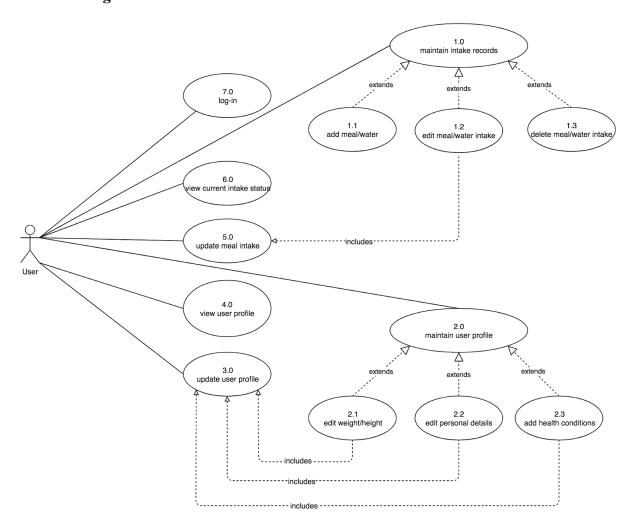
Revision Control:

Revision Date	Person Responsible	Version Number	Contribution and Modification
09/13/18	Ian N. Villanueva	1.2	Initial Document; Added System Name, Project Repository Link, Modified Actors and Use-cases table
09/13/18	Glenn Karlo D. Manguiat	1.3	Added Use Case Diagram, brief description of the system, and target audience; Added description of the actors on the system
09/13/18	Ian N. Villanueva	1.4	Added Use-Cases Description
09/14/18	Trina B. Aguilana	1.5	Added Use-Cases Description and System Description

System Name: FiTracks - Health and Fitness Record Management System

Description: In our health and fitness record management system, a user maintains a personal food and water intake tracker upon log-in. User establishes a profile which contains his/her personal details, current height, current weight, and current health condition, if with complications or none. The establish profile may be viewed and updated at any time possible. User can input meal intake and water intake, which may be updated and deleted upon addition. Lastly, the current meal and water intake status can be viewed by the user in different time schemes.

Use-Case Diagram:

List of Actors:

Actors	Description
User	This is the user itself, the one who will be using the application. All the actions will come directly from the user. The different functions of the application will be connected to the user.

List of Use-cases:

Use-Case	Description
Use Case 1.0 - Maintain Intake Records	The user will be able to maintain his/her intake records as well as keep track of his/her food and water intake. The user can add, edit or delete his/her food and water intake whenever he/she wants to.
Use Case 1.1 - Add Food/Water Intake	The user will be able to add a food or a water intake, and with that user describes when did they ate the food, or drank the water. User must be able to add the quantity of the food/water intake.
Use Case 1.2 - Edit Meal/Water Intake	After the user is done adding a food or a water intake, the user may edit their input. User may also edit their previous intake/s in the records.
Use Case 1.3 - Delete Meal/Water Intake	When an intake isn't needed anymore or accidentally added, all attributes associated with intake may be removed or deleted. User may clean up or declutter their records using this function.
Use Case 2.0 - Maintain User Profile	The user will be given a profile to be maintained. The profile contains the user's personal details, height, weight, and health conditions. The user will be able to edit these anytime he/she wants to.
Use Case 2.1 - Edit Height/Weight	From the user's given profile, this function can edit his/her height. User can also edit his/her previous weight, because in the management of the system, user tracks his/her growth in terms of height, or gain/loss of user's weight.
Use Case 2.2 - Edit Personal Details	Using this function, user may edit the other personal details besides height, weight and other health conditions.
Use Case 2.3 - Add Health Condition	From the user's given profile, this function can edit his/her health conditions. This function helps the user established his/her health profile. Health conditions may be left blank.
Use Case 3.0 - Update User Profile	Once the user profile is established, this function comes into use. User may update his/her user profile and its attributes, such as height, weight, user's health conditions, and other personal details.
Use Case 4.0 - View User Profile	The user can view his/her own user profile where he/she can see his/her current height, weight, health conditions, and other personal details..
Use Case 5.0 - Update Meal Intake	From intake records, user may update his previous meal and/or water intakes.
Use Case 6.0 - View Current Intake Status	Viewing the current intake status of food and water is an important function in the system. User can see his/her progress from daily, weekly, and monthly time scheme. User can also view his/her water intake status in amount consumed.

Use Case 7.0 - Log-in	The user must create his/her own account and login using his/her own account in order to start viewing his health and fitness records and maintain it accordingly.