

FiTracks

Program Specification

Submitted to:

Asst. Prof. Ma. Rowena C. Solamo
Faculty Member
Department of Computer Science
College of Engineering
University of the Philippines, Diliman

Submitted by:

Aguilana, Trina B.
Manguiat, Glenn Karlo D.
Villanueva, Ian N.

In partial fulfillment of Academic Requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2018-2019

Unique Reference:

The documents are stored in the <https://fitracks.wordpress.com> in the Project Deliverables Section or can be accessed through <http://bit.ly/FITracksDesignEngineering>.

Document Purpose:

This document is provided to show the program specification of a particular controller class of our health and fitness record management system.

Target Audience:

This document also serves its purpose for Asst. Prof. Rowena Solamo, her students, and others analyzing the data design of the application and its components.

Revision Control:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Contribution/Modification</i>
10/29/18	Ian N. Villanueva	1.0	Main Author. Initial Document; Added unique reference, document purpose and target audience, program specification, class, stereotype, method signature, input, output, tools used, program logic.

Program Specification: Maintain intake records[Edit]

Class: EditIntake

Stereotype: Controller Class

Method Signatures: editIntake(int waterintakeid)
 editIntake(int foodnameid)

Input:

waterintakeid – the primary key to access a particular user’s water intake.
foodnameid – the primary key to access a particular user’s food intake.

Output:

None

Tool Used: Pseudocode

Program Logic:

```
FUNCTION editIntake(int waterintakeid) :  
  
    FOR user in user_list :  
  
        IF user.waterintakeid EQUALS waterintakeid :  
  
            return editUserIntake(waterintakeid)  
  
        ELSE return "User has no record."  
  
END FUNCTION
```

editUserIntake(int waterintakeid)- a method signature from the Entity class, Food and Water Intake Records.

```
FUNCTION editIntake(int foodnameid) :  
  
    FOR user in user_list :  
  
        IF user.foodnameid EQUALS foodnameid :  
  
            return editUserIntake(foodnameid)  
  
        ELSE return "User has no record."  
  
END FUNCTION
```

editUserIntake(int foodintakeid)- a method signature from the Entity class, Food and Water Intake Records.