

FiTracks

Program Specification

Submitted to:

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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[Delete]

Class: DeleteIntake

Stereotype: Controller Class

Method Signatures: deleteIntake(int waterintakeid)
 deleteIntake(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 deleteIntake(int waterintakeid) :  
  
    FOR user in user_list :  
  
        IF user.waterintakeid EQUALS waterintakeid :  
  
            return deleteUserIntake(waterintakeid)  
  
        ELSE return "User has no record."  
  
END FUNCTION
```

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

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

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