

# FiTracks

## Program Specification

Submitted to:

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for the course  
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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:***

<b><i>Revision Date</i></b>	<b><i>Person Responsible</i></b>	<b><i>Version Number</i></b>	<b><i>Contribution/Modification</i></b>
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.