

Marist College

“Get Fit!” App

Project Proposal

Dayna Eidle

Professor Rivas

Software Development I

February 9, 2017

For my semester project, I will be creating a fitness tracker app, called "Get Fit!". In the app, the user can input their weight, if they want to lose weight, gain weight, or stay the same, and their exercising habits. With this information, the user will be able to tell how many calories they should be eating each day in order to meet their weight goal as the program will have various parts for calculating the different values. Since I would want it to be accurate, I'm going to research how other fitness apps calculate the actual amounts of calories each person should be consuming. I also want to try to make the program in a graphical window so that it is more visually appealing to the user and easier to use.

One of my main goals for the program is that I want the user to be able to track their progress on the app. This means that if they are looking to lose weight, for example, they should be able to put in their weight each week and track their progress. They would also be able to input the amount of calories they are eating each day to see if they are staying consistent with the amount the program is telling them to eat. To do this, I would need to use a Java database as a way to save their data. In addition, I would see if there was a way to incorporate graphs into the program so that if the user was able to save their progress, they could also see it in graph format as a way to visualize it. I have never used a Java database before so I am not totally familiar with it. If I am unable to make the program work successfully with the database, then I will make up for it by having options to see different things to help the user stay healthy, like different workout routines, healthy recipes, or other features similar to those.

Some of the features of my desired product for this program will be challenging for me because, as of right now, I have yet to learn about how to execute them. However, I am confident that I should be able to figure them out and create the application that I want to.