WorthTheWeight

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Proposal Write Up

Project Description

Project

WorthTheWeight is a web application that helps users track their calories, water intake and manage their weight loss goals over a certain period.

Problems it will Solve

There are several problems that WorthTheWeight will solve for users. It will provide an easy to use user interface with the ability to track water, micro and macronutrients, a feature that most calorie tracking applications do not have.

User Personas

The user personas that would get the most value from this application would be 20 to 30-year-old people. Females would mostly benefit from this application, however there are some males that could use it. Low to middle single-family income with nothing higher than $80,000 per year. People who seek out this application lead a very busy lifestyle and are constantly on the go. Most people who use this application have struggled with weight, either in the past or are still struggling with it today.

Value or Benefits

The cost of building the application would be negated by users who chose to sign up for a premium access account. The main account that users can sign up for is free, however if someone choses to sign up for a premium account they must pay a monthly fee. If several users chose to do this, it would be a benefit of creating the application.

How it will solve anticipated users problems

Users would solve their problem with this web application by being able to easily manage the application itself. Users would also be able to use one application instead of several to track all their health and fitness goals, to eventually meet their weight goals.

How users would interact with it

A user who is a returning user would get a notification that they have not logged any food recently. The user would come to the web application, log in and then they would see their dashboard of their daily health and nutrition. They would see that their recent food log has been empty for some time so they would click on it to edit what they had to eat that day. Then, they would go to their goals page to update their current weight and weight loss goals. Later, they would go to their notifications page and mark all notifications as read so they don't have to keep getting alerts. Then they would log out of their account and log back in later at dinner to track their food.

MVP

Overview of the Features

Logging in

The login page is where a user can enter in their email and password and press log in to be granted access to the system if they are a returning user. If someone is not a user, they would need to use the create an account function.

Calories

Once logged in, a user can edit their calories by clicking log on the navigation bar or clicking on the recent food log. A user will be able to edit/add food by clicking the plus icon in the designated meal area.

Water

A user can edit their daily water intake by clicking log on the navigation bar or clicking on the daily water box in the dashboard. A user will be able to edit/add water intake by clicking edit water log button when on the log page.

Macronutrients

A user can preview/edit/add their macronutrients by clicking log on the navigation bar or clicking daily macronutrients on the dashboard. Once in the log the user can edit their macronutrients by clicking the edit macronutrient button.

Micronutrients

A user can preview/edit/add their micronutrients by clicking log on the navigation bar or clicking daily micronutrients on the dashboard. Once in the log the user can edit their micronutrients by clicking the edit micronutrient button.

Exercise

A user can preview/edit/add their exercise by clicking daily exercise on the dashboard on clicking log on the navigation bar. Once in the log, the user can edit their exercise by clicking the edit exercise button.

Settings/Profile

A user can edit/change their profile setting by clicking settings on the navigation bar or clicking the hamburger menu next to their profile icon. Once in their profile settings, the user can click in any field and type whatever they desire, and it will automatically update.

Goals

A user can edit/change their current weight and weight loss goals by clicking goals in the navigation bar. Once in the goals page, the user can click edit current weight and then they can type in their new weight and it will automatically update. The user can click edit current goals and they can type in their new weight loss goals and it will automatically update.

Notifications

A user can view/mark all their notifications as read by clicking on the hamburger menu next to their profile icon and clicking on notifications. Once in the notification menu the user can click on each individual notification to mark it as read or they can click on the button at the top of the page to mark all the notifications as read.

Minimal set of Features

The things that will be the most essential for this application to work will be several things. One is for a user to be able to log in. Another feature is if users can create an account. Another minimal feature is if users can track their calories. The last minimal feature is if a user can record and edit their weight.

Architecture Picture

All the data that the application uses other than the food lookups, such as exercises, water, the meals, all user data (login info, descriptions) etc will be all stored in my own applications database. I will have to call an API to get access databases about nutritional information.

Description of the Data

I would have a user class that is tied to their log in. The user class will data associated with it about the user such as, name, age, gender, etc. A persistent object for a meal, exercise and water. These would be tied back to the user object.