Ghea Chaw, Nidhi Padmanabhan, Yuqing Peng

Professor Plotka

ITWS 1100

14 March 2024

Project Plan

Building upon the foundation laid out in our project proposal, our project idea remains consistent. We're focused on developing a web application which promotes the wellness of college students by centralizing resources related to academics, nutrition, fitness, and mental health. We have now solidified a name for our application, MindBodyU. This name embodies the purpose of our application by emphasizing our focus on the mind and body, as well as our audience, university students. It also creates a sense of personalization and allows the user to understand that we are focusing on them, hence the capital U in the name.

In our original project proposal, we mentioned that we were looking into using APIs for nutrition and for fitness to implement 2 primary features of our application—a healthy recipe generator which will provide recipes according to diet/ resources available and a workout generator which will coincide with our fitness guide to provide exercises according to a users needs. While we had a few options which we were looking into at the time, we have now confirmed with Professor Plotka that our usage of APIs is approved and will now go ahead with implementing these features. The APIs which we have decided to use are https://spoonacular.com/food-api/docs (nutrition) and https://api-ninjas.com/api/exercises (fitness). As a backup plan if we can't get the API to work, we will import the data from the API into a static JSON file and pull data from there.

As of now, we have completed our project proposal and our mockups for our application. This week we are planning on completing the basic framework and the CSS page for the whole site, along with completing the research on the various health related topics for this website. Looking ahead, we still need to implement the interactive features of the website, including our user login page, nutrition & exercise forms, our user-personalized calendar, as well as more general dynamic content to make the application more visually appealing.

Our Project Plan Chart:

https://docs.google.com/spreadsheets/d/1wAgbrM1jkYdKXThSpLApYq8GcH7nnWO7V1XhpA gtn-I/edit?usp=sharing

	Feb 5th-12th	Feb 26th-March 1st	March 11th-15th	March 18th-22th	March 25th-29th	April 1-5	April 8-12	April 15-19	April 22-26
	MTWRF	MTWRF	MTWRF	MTWRF	MTWRF	MTWRF	MTWRF	MTWRF	MTWRF
Conceptualize Project									
Project Proposal									
Project Mockup									
Project Plan									
Creating Webpage									
Framework									
Link Pages Together									
Embellishments & Style									
Research									
Nutrition									
Fitness									
Mental Health									
Academics									
Functionality									
Implement JS									
Adding Information									
Embedding API									
Static JSON file (backup									
User Login Page									
Presentation									
Finalize Project Details									
Make Presentation									
Practice Presentation									
In-Class Presentation									
Record Project Pitches									