

Project Milestone 1:

<https://sreeshanath.github.io/Project%20Milestones/Project%20Milestone%201/index.html>

*Food Calculator: <https://www.webmd.com/diet/healthtool-food-calorie-counter>

*Recipes & Nutrition facts: <https://www.myrecipes.com/healthy-diet/calorie-counts>

Team Number	113-1
Team Name	Delicious Meal
Team Members	Dan Duggan, Timothy Hartt, Asmita Dhakal, Pepe Balbona, Jackson Meyer
Application Name	Buffood
Application Description	<p>Buffood is the ultimate personalized meal planning tool. With Buffood, users can access a database of curated recipes, as well as share modifications or even their own recipes. Frequent user feedback is an integral part of the application and allows the program to learn your likes and dislikes to create meal planning solutions that fit the individual.</p> <p>The planning feature of the app will be able to devise meal plans that strike a balance between affordability, nutritional completeness, convenience, and personnel preference. Affordability considers the cost of the ingredients and meals, and finds ingredients that are versatile across several meals so that money can be saved by buying in bulk. Nutritional completeness considers the nutritional value of ingredients and tracks the balance of a meal plan. Convenience factors in how long food lasts before it perishes to design meal plans that reduce shopping time, as well as cooking times to divvy up prep work efficiently. Personal preference uses user ratings of their experiences with the tool to inform recommendations over time.</p> <p>While in an ideal world meal planning would be easy to stick to once done, in the real world situations arise such as someone not finding a product at the store, running out of time to cook a fancy meal, or a roommate eating the last egg. For these situations, the mod feature will find a recipe that works with the ingredients you have, and even suggest</p>

	<p>improvisations such as putting mac and cheese in a tortilla that other users have submitted.</p>
Vision Statement	<p>For students who have trouble planning and preparing meals, Buffood is a meal planning application that will allow the user to receive catered recipes from an online database given specified parameters, including ingredients, flavours, region, and portion size. Users will be able to upload recipes of their own with an ingredient list and a set of instructions, additionally said recipes will open for user review for ratings. Unlike normal recipe books our application will dynamically recommend recipes given the user's ingredients and current preference.</p>
Version Control	<p>Repository name: DeliciousMeal</p> <ol style="list-style-type: none"> 1. Team meeting logs 2. Milestone submissions 3. All project code/components
Development Method	<p>We will be using the agile software development methodology for our project. It will be following the steps of the model: Scope → Plan iteration → Launch iteration → Monitor control → Close iteration → Next Iteration:</p> <ul style="list-style-type: none"> ● Yes → Close Project ● No → Back to Plan iteration

Communication Plan	To communicate with the other group members we have a group message set up to communicate with one another. A google docs folder is set up for all the files our group will be working on. As well as we also have a Slack page with all the members for any reason the group message doesn't work. We will use these three as a communication plan, plus meeting up once a week, to communicate with each other during the course of the project.
Proposed Architecture Plan	Buffood will be a web application using HTML and CSS on the front-end, along with Javascript, SQL, and NodeJS for the back-end. Our SQL database will hold information about recipes, foods, and nutritional content, as well as user data and preferences. The core of the app will utilize Javascript hosted with NodeJS and displayed on the user's screen by HTML and CSS.
Meeting Plan	Engineering Center Front Lobby, Monday from 4:30-6:30 PM