Six for Six

Team Number: 101-6

Calista Nguyen, Evan Easton, Joe Falbo, Nico Barone, Michael Heine, Ben Wedeen

1. **Get pricing/nutritional information from an API**
   - Description:
     - The main objective of the website is to generate nutritional and pricing data to allow students to cook healthy, inexpensive recipes.
   - Functional Requirements:
     - Allows users to view pricing and nutritional information of different foods
   - Non-Functional Requirements:
     - APIs

2. **Display/Load Individual Recipes**
   - Description:
     - The webpage should be able to show various meals, either in a list or card view, so that users can select meals to cook and see the recipe and approximate price displayed.
   - Functional Requirements:
     - Users should be able to scroll through meals and click on ones of interest to display information.
   - Non-Functional Requirements:
     - HTML can be used to generate scrolling areas divs on the site where the various meals are listed. Then, when a user clicks on a meal, a hyperlink will take users to a page where the information for that specific meal is listed.

3. **User can create a meal plan by selecting from the individual recipes, and a shopping list is generated**
   - Description:
     - The website will allow users to plan their meals for the week by selecting them from a list of recipes. The website will create a shopping list based on the meals that the user chooses.
   - Functional Requirements:
     - Users can pick and choose different websites for the week
     - Users can look at a shopping list generated from the meals that they chose
     - Users can view the nutritional values for each meal
   - Non-Functional Requirements:
     - HTML Lists?

- Use data from API to get nutritional values and prices

4. **Keep track of most recent/used foods**
   - <u>Description:</u> The website will be able to track what meals users view or add to their meal plan most often.
   - <u>Functional Requirements</u>:
     - On the home page, a standalone area will show the most popular meals that users most often look at.
   - <u>Non-Functional Requirements:</u>
     - Each meal will have a counter associated with it and the most popular section can list recipes with the highest counter values.

5. **Sign in**
   - <u>Description:</u> Once someone loads up the webpage they should be asked to sign in in order to load their saved information.
   - <u>Functional Requirements</u>:
     - The user should first create a username and password and then enter that same username and password every time they load the website
   - <u>Non-Functional Requirements:</u>
     - HTML/JS/CSS etc.

6. **Search Function**
   - <u>Description:</u>
     - The webpage should be able to allow the user to find specific recipes by entering keywords or specific names of recipes
   - <u>Functional Requirements</u>:
     - Users will be able to add filters and search specifically for breakfast/lunch/dinner options, as well as searching for meals whose estimated price falls within a given range.
   - <u>Non-Functional Requirements:</u>
     - HTML/JS/CSS

<u>**Timeline:**</u>
<u>****Meetings will occur Fridays from 12-2pm where we will discuss the work done during the week****</u>
- Start: 2/14/2020
- Week 6
  - Basic HTML structure of all pages
    - Joe writes basic skeleton for site (unedited)
- Week 7
  - Style CSS
    - Michael
  - Finish Logo

- ■ Calista
- Week 8
  - Log in Function
    - ■ testing
    - ■ Nico
  - User Account data
    - ■ Nico and Michael
  - Finding what API to use
    - ■ Michael
- Week 9
  - Single recipe page, browsing page, suggested recipe page etc.
    - ■ Joe and Calista
    - ■ testing
- Week 10
  - More User Account Database implementation
    - ■ Nico and Michael
  - User history & preferences, etc.
    - ■ Testing
    - ■ Group
- Week 11
  - Loading in pricing and nutritional info from food distributors from APIS
    - ■ Michael
  - Recipe Database structure implementation
    - ■ Ben
    - ■ testing
- Week 12
  - Search Function implementation and testing
    - ■ Evan and Calista
  - Adding filters to search
    - ■ Michael
    - ■ testing
- Week 13
  - Grocery list building from saved recipes
    - ■ Ben and Nico
  - Pricing database system
    - ■ Evan
- Week 14
  - Compatible for all screen sizes
    - ■ Testing
    - ■ group
  - Final Testing and finishing touches
    - ■ group

- End: 4/12/2020