

Project 3 – Notes – “Our Nutrition Buddy”

With our submittal of Project 3, we wanted to give you a brief outline of our project with a few notes.

Our site contains 5 html pages, 4 JavaScript files, 2 css stylesheets, and an image folder with our background images included. The list below outlines our files:

- index.html, index.js
- calorie.html, calorie.js
- fitness.html, fitness.js
- dailylog.html, dailylog.js
- resources.html, resources.css
- styles.css

We utilized fullcalendar.io, bootstrap.css, jquery, font-awesome, and google fonts for additional support for this project.

A few notes highlighting what we learned:

- Objects were foreign to us in the beginning of this project but after utilizing arrays to complete our calorie counters, we realized the benefits of creating objects. They make things much cleaner and more efficient. We utilized objects for full calendar (dailylog.js) and fitness.js and you can see how cleaner our code was for the fitness page when compared to the calorie page.
- Anonymous functions were used to create an autosave function (to save the user from re-logging into the site) in case they accidentally closed the browser window. Also, they were useful for populating select option inputs and events on our calendar.
- HTML5 local storage was used to store our user information as objects across our site. To clear localStorage, (you probably know this, but I figured we should document this) open console and enter localStorage.clear() and you can start from scratch.
- Discovering JSON was big for this project. We were glad you touched on this in class. Since localStorage only can store strings, we had to convert the User Object back and forth using stringify and parse. This also had to be done with the calendar objects.

We documented our efforts as best we could within the scripts. Feel free to ask us any additional questions!

We wanted to thank you for your help in this class. It's been fun!