Future Direction

We feel there is enough work for this to be turned into a capstone for an additional year. Firstly, our team didn't have time to apply the feedback we received from the College of Health Extension Services conference we presented at in Bend on May 8th. We have synthesized the feedback into a document (within this archive) received but haven't been able to apply any to our current live deployment.

Also, the current rendition of our website has lots of room for improvement - there could be further CSS integration on the results page & in general, some functionality could be updated. Since our application involved working with children, we had to be extra attentive with our design - so when a future capstone team applies the feedback they will need to spend extra time on the design like we did.

Another aspect that can be further expanded upon is the amount of data currently within our application, as we only used data supplied by our project partner Siew Sun. It was discussed early in the year that API calls could possibly be used to grab this information, such as one from the US Department of Agriculture, instead of a backend database. This wasn't within our scope of the project, but we feel this is a feature a future team could be tasked with.

Our project partner also wanted to incorporate an AI chatbot in our application, which again wasn't in this year's scope. She wanted to make it so children could be more engaged with the food calculator, and since ⅗ team members had the Artificial Intelligence applied option she thought this was a great avenue to take.

Finally, the idea was passed around throughout the year to have a game integrated into our food calculator website, with the intention being to engage students more with their food choices & how it impacts them and the environment around them. This wasn't manageable within this year, but this was a great idea that a future capstone team could take upon them.

The general direction with all these notes in mind would be for the new capstone team to fork our GitHub repo & create their own new deployment, so they could continually update this. Firstly, they need to revamp our Results page, as that is what we were most stuck on this past term & a lot of the feedback we received from the FCH conference. This would include creating Figma Prototypes, then coding them, seeking feedback from connections of the Project Partners, and then applying the feedback. Once the results page is solidified, the team could work on

adding more CSS to the main page, possibly making it compatible with mobile devices & other sized screens. This would need direction taken from what they notice & feedback from students who use our current application this summer at KidSpirit summer camps. Once these two aspects are complete, the team could then work on the interactive AI chatbot or integrating a fun game within the website. Both of these were stretch goals we had for this year but ended up being out-of-scope, so taking these tasks on could be a great opportunity.

Overall, we confidently state that there is enough work for an additional capstone team to work on this project & we've listed some of the future directions in this document.