BHI 504 Project Proposal (Spring 2019)

Team *Vitamin-19*
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Open for changes to suit the project needs and possibilities. The proposition is for a web domain or website for "patients" searching the different kinds of vitamins and what natural foods supply them. The possible users would be patients or people curious to know vitamins are present in the fruits, nuts, and vegetables they consume. Some people search to see what foods include the vitamins they lack after seeing a doctor or another advisor.

The website or domain could be sorted by type of vitamin types and categories of foods. Brief and easy to read information would be given about each vitamin and food listed on the website. A mathematical equation could be used with Javascript if applicable in order give a suggesting serving of a vitamin based weight (depending on how well the Javascript works). However, a disclaimer would have to made on the same webpage reminding the user that this number is suggestion and not completely accurate. A personal doctor may still have to diagnose what is healthy for each patient.

This project idea is proposed in regards to programming skills and supplies. A *supporting idea* was almost a phone friendly application to remind patients every day to take their required vitamins or medicine. A patient could have also slide a "check" mark after taking the vitamin and receive notifications for refills after getting personalized by a patient. *However*, the website would probably be *more realistic* into becoming made a ready-to-use item. Personal notifications might not possible yet for the project (it is pending). A decision would be made later on what sources to use for information.

This project could be appropriate due the health subject and the use of technology. There are a number of people that do not get a good amount of vitamins. Although patients with extremely low vitamins should already get supplements, it could still be helpful to find vitamins in the food they could eat every week.