MEMORANDUM

TO: Professor Healy
FROM: *Zak Rowland*
DATE: 2-6-20
SUBJECT: "Weekly Status Memo"

Problems

Our primary concern is making enough progress on the local host website so we can understand how it will interface with the other modules. We have made enough progress on the other modules that there isn't much else we can do until more progress is made on the website.

Progress

This week, I focused on assisting James with the website code. We are having trouble reading/writing the data to and from the website, however we did find an example of turning an LED on via a check box. We would like to use a drop-down field instead, so we must do some experimenting to see if we can replace the check box functionality with a drop-down field and get the changes to save on the website. Hayden worked on soldering IC headers to a protoboard and assisted James and I on the website. Beto can't make much more progress on the RGB code until the website is further along, however he is working on the timer functionality for each of the RGB LEDs.

Discussion

We need to discuss who will be doing which parts of the design review, and when we plan on presenting.

Next steps

       We need to make serious progress on the website. I will be taking an Arduino home this weekend to see if I can help James make progress. His code is on GitLab so it will be easy to collaborate with him, and we will get together in a Discord call if we need to. Hayden will be testing his soldered connections by setting up all the RGB LEDs with the shift registers. Beto and I are going to work on the design review if James and I can make substantial progress on the website.