Bi-Weekly Report #4

Summary:

For this current reporting period progress wasn't as good as prior periods. This was due to a few factors. One of those was Midterms. With many of us having to focus on our exams or other misc. projects, work on the product was pushed back. The other factor is COV19, which has thrown everyone a curveball recently. We are currently working through a strategy to work through this as classes go online. More will be detailed in later sections.

Individual Contributions:

Samual Sklar:
- Summary: Worked on figuring out what exactly can be done with this project outside of school due to the online requirement of the class now. Spent some more time brushing up on EE knowledge necessary to print the required circuit boards.
- Hours worked: 6 hrs
- Total Cumulative Hours: 33 hrs

Micheal Momot:
- Summary: Worked on getting in sync with the team, so that we can stay on the same page with what we are doing. Getting familiar with how Trello works.
- Hours worked: 5
- Total Cumulative Hours: 30

Seth Jones:
- Summary: Re-evaluated the technical goals for the project, in order to keep the focus of our development in the right areas. Contributed to discussion of plans for future development, including trello board and more strict meeting times.
- Hours worked: 7 hrs
- Total Cumulative Hours: 33 hrs

Thomas Smith:
- Summary: Finished up doing an initial population of the Trello Board. Also worked on a system level sketch of product to present to customer.
- Hours worked: 7 hrs
- Total Cumulative Hours: 36 hrs

Kailin Zheng:
- Summary: Reconfirmed the materials and preliminary design we needed, in order to keep the focus of our development in the right areas. Familiarize myself with the Trello board, record my contributions and time then put it in the Trello board.
- Hours worked: 5 hrs
- Total Cumulative Hours: 33 hrs

Shubham Chauhan:
- Summary: Got my safety training completed with the client and submitted the access request for the machine shop to work on the project. Played around on Trello to understand the basic functioning. Continuing the researching of the interface code from previous weeks.
- Hours worked: 5
- Total Cumulative Hours: 32

Pending Issues:

The largest pending issue in our future is the ramifications of Iowa State moving all classes and classwork to be online only due to COVID-19. This completely impairs our ability to do physical development on the lockers. It is not as much of an issue for the software side of things, as gitlab allows easy continued collaboration and production while working remotely. Another issue related to COVID-19 is that all of our team members will no longer be in close proximity to each other until April as of now, which adds a barrier to meeting up regularly and consistently.

Plans:

Throughout the next working period we are going to focus on adapting to the new circumstances presented to us. The biggest is us all being remote, and interacting online-only. In addition, we are not able to interact with our product, as it is held within the Coover Lab, which is locked until further notice. This is certainly a large issue, and we need to meet to discuss how we will proceed. Hopefully software development will proceed, albeit at a slower pace, due to lack of access to physical meetings and the product.

Website:
http://sddec20-21.sd.ece.iastate.edu/