Weekly Summary

This week we had our first in person meeting with our advisor. He provided us with a lot of general insight as to how the semester will unfold and recommendations for how we should go about this project.

We also had our first meeting with our client. They are out of state, so we had a phone meeting with Tyson, who will be our main client contact throughout the duration of this project.

Meeting Notes

Group Meeting
In our group meeting after the advisor meeting we decided that it would be best to split up research tasks so everyone can focus on finding specific items for the SIDS detection device. Caleb was in charge of research on flexible boards, Aaron was in charge of
researching different microcontrollers that could be used in the product. Mitch and Andrew were responsible for looking up information on sensors, and Arlen was responsible for researching different storage mechanisms we could use for data.

**Advisor Meeting**
We met with professor Zambreno early in the week, and gave us some good ideas and some good places to start with the project. He said right now we mainly need to do more research to get more info about SIDS as well as get more ideas about how we can make this product.

Advisor meeting notes from this week can be found [here](#).

**Client Meeting**
Client gave us more specifications on what needed to be done for our project, and what their end goal for the project was. Tyson, our contact at Micron, told us that they were open to any design decisions and their ultimate goal for the project was to showcase how Micron memory can be used in new and creative ways.

Client meeting recording can be found [here](#).

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**Pending Issues**

1. Understanding more specifics about our project domain/goals from our client.

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**Next Week**

1. Research SIDS and decided specific sensors/microcontrollers/data storage tasks assigned to each group member.
2. Begin making a detailed project plan.
3. Begin our website development.

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**Individual Contributions This Week with Hours**

All members attended weekly meeting (0.5 hours each)
All members attended advisor meeting. (1 hour for each member)

All members attended client meeting. (1 hour for each member)

Caleb organized the meeting with the client and Professor Zambreno. He also did some research into flexible boards as well as using a Raspberry Pi for the prototype. He also did some general research to learn more about SIDS. He also spent some time working on the website and getting a general outline of it up on the web. (2 hrs)

Arlen began basic SIDS research. He also prepared weekly report and organized/added meeting notes to drive, as well as the recording from client meeting. (1.5 hrs)

Andrew, Mitch, and Aaron all continued light sensor/microcontroller research. (0.5 hours each)

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**Total Contributions**

Caleb Van Dyke - 6.5 hours - (4.5 this week)
Arlen Burroughs - 5.0 hours - (4.0 this week)
Aaron Schafbuch - 5.0 hours - (3.0 this week)
Mitch Meiss - 3.5 hours - (3.0 this week)
Andrew Jiles - 4.0 hours - (3.0 this week)