1.05   HIM Weekly Status Report for Work Week 14

November 23, 2020   Submitted by: Jose Silva

Course Instructor: Mr. Welker
Faculty Advisor: Dr. Aslan
Sponsor: Mr. Hinkle, TXST

Team Members:
Jose Silva [PM]   Cameron Muir
Andrew Flores   Gabriel Montero-Sierra

Current Project Status is   `Green`

We turned in our material order form, finished the recorded elevator pitch, updated the product spec and sent it for signature approval, and are finalizing the project plan. We are also looking for software to simulate working with the Arduino we ordered to start the software portion in case the hardware takes longer than expected to arrive.

Individual Updates (Activities Completed, Activities Planned)

Andrew

C: Finalize the product spec and the one minute pitch. Finalize pre-design research and prepare for parts to be received. Continue the developmental cost of the overall project in order to finalize the project plan document.

P: Once parts come in, we can begin the design of the device. Specifically soldering the elements such as the sensors and GPS. This will also include writing code for the arduino to process the data collection in order for the data to be transmitted to the cloud.

Cameron

C: Continued to work on casing as well as final documents. Completed poster pitch

P: Finalize final documents and continue to work on casing if time permits as other classes come to a close.

Gabriel

C: Finalize product spec. Looked at data transmission rates of MKR 1010 wifi module. Estimated file transfer size.

P: Look into Arduino simulators to see if possible to start coding while waiting for parts to arrive for D2.

Sponsor and Faculty Advisor Meetings/Calls Held & Planned

	Who	Last	Topic(s)	Next
Sponsor	Lee Hinkle	11/04	Product Block DIagrams	TBD
Advisor	Semih Aslan	10/12	Project Implementation	TBD
Mentor/ Mentee	2.06	11/17	IDR	TBD