1.05 HIM Weekly Status Report for Work Week 13

November 16, 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

After the IDR we feel more on the same page for our design and confident in its ability to meet our requirements. Looking at the AVL we changed the GPS sensor we planned to use but all our parts are in stock on the approved vendors.

Individual Updates (Activities Completed, Activities Planned)

Andrew
- **C:** Complete order form for parts. Update performance section of IDR. Research libraries for parts to work on device integration and data transmission. Research the most efficient form of recharging the battery.
- **P:** Continue working on data transmission and data logging between the data collectors, the arduino and the cloud.

Cameron
- **C:** Found a backup service called ArcGIS. Very easy to implement, however, has little customization, will meet requirements.
- **P:** Work on final documents, once parts are ordered this week, get a head start on making the casing so it can be test printed as early into D2 as possible.

Gabriel
- **C:** Researched how to use Arduino IoT to upload data to the cloud.
- **P:** Continue looking into IoT software for data transmission.

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