1.05 HIM Weekly Status Report for Work Week 4

September 9, 2020   Submitted by: Jose Silva

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

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

Current Project Status is   `Green`

Researching and deciding on the amount of accuracy needed of sensors, which software is available for island mapping, and what microprocessor board helps meet our project requirements.

Individual Updates (Activities Completed, Activities Planned)

Andrew	C:	Created a parts list for the humidity and temperature sensors. made a sensor budget.
	P:	Research more power options and determine total power needed for the device. Research gps for the device.
Cameron	C:	Researched various mapping services to better understand what is achievable with plotting data to a map. Explored dev board options
	P:	Decide on what features are wanted dealing with the LCD screen that we want to add (What data to display, will there be a UI, battery life indicator). Making sure we don't put something on our SOW that is too ambitious. Work on Executive summary.
Gabriel	C:	Researched methods to plot recorded data onto a map.
	P:	Research how to transfer recorded data onto a cloud storage for data mapping.

Sponsor and Faculty Advisor Meetings/Calls Held & Planned

	<u>Who</u>	<u>Last</u>	<u>Topic(s)</u>	<u>Next</u>
Sponsor	Lee Hinkle	09/09	Requirement discussions	09/16
Advisor	Semih Aslan	9/10	Microprocessor board	09/18
Mentor/ Mentee	2.06	09/14	Help with design requirements and subsystems	TBD