

1.05 HIM Weekly Status Report for Work Week 3

September 9, 2020

Submitted by: Jose Silva

Course Instructor: Mr. Welker

Faculty Advisor: Dr. Aslan

Sponsor: Mr. Hinkle, TXST

Team Members:

Jose Silva [PM]

Andrew Flores

Cameron Muir

Gabriel Montero-Sierra

Current Project Status is **Green**

Currently researching the features of the device while better defining the subsystems in order to distribute the workload appropriately. Additionally, we are dividing up the SOW segments in order to submit for approval in a timely manner.

Individual Updates (Activities Completed, Activities Planned)

Andrew	C:	Researched a number of temperature and humidity sensors to make a list of potential parts.
	P:	Power and sensor budget. Narrow down options for power and sensors.
Cameron	C:	Researched various battery chemistries and capacities to get a feel for what might be suitable for the device.
	P:	Work on power requirements and narrowing down what the device should be "advertised" to do (What are the requirements)
Gabriel	C:	Researched the extreme temperature ranges across Texas and noted a possible range to use for recording data.
	P:	Research how to plot recorded data onto a map. Research further on possible sensors to record data.

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	09/14
Advisor	Semih Aslan	N/A	N/A	09/10