

1.05 HIM Weekly Status Report for Work Week 6

September 28, 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

Made another set of revisions to SOW after receiving feedback from our sponsor and have started our round of signatures starting with our D2 PM mentor. Settling on our preliminary decisions for the implementations of our design.

Individual Updates (Activities Completed, Activities Planned)

Andrew	C:	Began research page for requirements of stretch goal for a sunlight sensor. Selected power supply based on requirements and efficiency.
	P:	Process data sheets for potential parts and determine which set of parts provide the most efficient form of meeting requirements.
	C:	Revised SOW, narrowed down to a couple of microcontroller options in preparation for the Project Plan.
Cameron		Make last minute tweaks to SOW. Research each microcontroller in detail to reduce
	P:	power consumption and choose one that has the most features related to our requirements.
Gabriel	C:	Revised SOW, researched possible upload methods for the cloud.
	P:	Finalize SOW, research wireless components to best transmit 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	09/23	Requirement discussions	09/30
Advisor	Semih Aslan	9/10	SOW review	TBD
Mentor/ Mentee	2.06	09/28	Help with revisions for SOW	TBD