

2.10 ALERRT CENTER Weekly Status Report

November 18, 2019

Submitted by: Bo Heyse

Course Instructor: Mark Welker
Faculty Advisor: Dr. McClellan
Sponsor: Texas State University

Team Members:

Bo Heyse [PM]
Karina Paz

Matthew Healea

Green Current Project Status

We are near finished with testing, Matt is retesting the battery life and file size with a sampling rate of 40 Hz to update the data and charts for the poster. Poster was completed during class time today, except for the previously mentioned charts. Karina is printing the 5th iteration of the enclosure to ensure that we have everything needed for senior design day's demo. Bo continued to tune small part of the system so it is ready to go well before Senior Design Day. We are all working on our 3 minute pitch for Peer Presentations, Final Reports, and prepping all documentation for senior design day.

Individual Updates (Activities Completed, Activities Planned)

Bo	Added in an audible sound to the mobile app so the user knows when recording has begun. Also, completed the .obj files required for our demo in order to visualize our data on the body parts they are being worn.
Matt	Worked on poster for Peer Presentations, retested battery life and file size for the ideal sample rate of 40 Hz. Corrected data plots for updated data. Soldered boards for SDD demo, worked on three-minute pitch, and completed some sections of the Group Final Report.
Karina	Printed the 5th iteration of the enclosure, used hard-wired board with all attachments to ensure that everything will fit inside. Worked on three-minute pitch and diagrams for poster.

Upcoming Deliverables (course and project due in next 2 to 3 weeks)

<u>Deliverable</u>	<u>Due Date</u>	<u>Status</u>
Peer Presentation	11/20/2019	In progress
Poster	11/20/2019	Completed

Sponsor and Faculty Advisor Meetings/Calls Held & Planned

<u>Who</u>	<u>Last</u>	<u>Topic(s)</u>	<u>Next</u>
Dr. McClellan	11/6	Discussed alterations to senior design day demo and how to visualize data using a virtual representation for the demo.	11/25

