

2.10 ALERRT CENTER Weekly Status Report

Septmeber 30, 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

Heading into week 22, we feel confident about where our project is at. Last week as a group we spent it updating our documents and preparing our progress presentations. Individually, Matt has begun testing the battery management system, Bo has completed multiple connections by the application. Karina continues to work on the CAD design for the case enclosing. Matt will continue testing our subsystems and Bo will finish the total functionality of the app laid out in our progress presentations over the next 2 weeks. Karina will continue to iterate on her 3D printed Design.

Individual Updates (Activities Completed, Activities Planned)

Bo	Completed the ability to connect multiple Bluetooth devices via the app. This week I will be working on preparing a demo and adding the ability to upload stored files to a central location.
Matt	Worked on battery management system for mobile unit and error messaging. Began testing battery in multiple test cases as laid out in Test Plan from design 1
Karina	Put together the team's progress presentation and will continue to iterate over the CAD designed encasing for the sensor system.

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

<u>Deliverable</u>	<u>Due Date</u>	<u>Status</u>
Upload Files to Central Repository	10/13/2019	In Progress
Demo Day	10/02/2019	In Progress

Sponsor and Faculty Advisor Meetings/Calls Held & Planned

<u>Who</u>	<u>Last</u>	<u>Topic(s)</u>	<u>Next</u>
Dr. McClellan	09/18	Limitations of design and data we are storing	10/8