

Team Name: sdmay24-24

Team Members: Jacob Elliot, Julia Falat, Joseph Hanson, Logan Kinch, Viola Newman, Chris Penne

Report Period: Feb 11th – Feb 24th

Summary of Progress in this Period

Worked on fixing the transmitted signal by looking at how it outputs the input signal from the microcontroller. Ended up having to modify it to have an inverted op amp since it was inverting when output initially. Began determining the distance needed for the array and getting it implemented.

Pending Issues

Need to solder pins on new microcontroller as our current one died. Also need to order a power supply and port that allows it to connect to our circuit.

Plans for Upcoming Reporting Period

Implement the system in a phased array and begin filtering the read signal to only show the data we want. Plan to have the hardware design complete so that we can pass it on to the software team to code our GUI with the real data.
