

ECE496 Weekly Status Report

Team GA-5

2016-04-04

Meeting Leader: Ryan Barker

Previous Goals and Progress Toward Those Goals

- Code Bluetooth Application / Bluetooth Server [Ryan] – The Bluetooth Server on the Raspberry Pi is written and Ryan has a pretty good idea of what needs to be written for the Application. He is hoping to finish this by Wednesday.
- Bluetooth communication code to be revised by Ryan [Jules]
- Solder amplifier/filter circuit to perforation board [Michael, Shane, Duke] - Completed
- Troubleshoot amplifier [Michael, Shane]
- Solder motor control circuit using the new PCB [Duke] – Pcb is on the way

Goals for the Next Week

- Finalize and Integrate Bluetooth communication [Ryan].
- Debug amplifier circuit – check solder joints, etc [Michael].
- Design and test power supply for overall system [Shane].
- Obtain and solder motor control PCB. Use breadboard circuit until it arrives [Duke].
- Complete mechanical tuner design around guitar stand [Michael, Duke, Shane].
- Mount hardware to design [All members].
- Tune software to hardware once it is mounted [Ryan, Jules].
- Test overall system [All team members].

Unresolved Problems

- The amplifier has been soldered to the perfboard, but is not working. Michael will double check leads on the circuit first, then clean up solder joints to try and make it work.

Questions

None.

Other information

Jules will not be attending the meeting today because he is receiving his Clemson Ring today.