

GLO Design Review 1 Agenda

Present Subsystem Designs from Design Review 1 Document

- Go over Design Review 1 Document
 - Briefly discuss other subsystems
 - Discuss powering scheme
 - Discuss why we chose our microcontroller

Updates for where we are:

- IR emitters and Receivers are doing their job.
 - Have code that triggers an interrupt service routine when a button (trigger) is pressed to emit IR. We have code that triggers an ISR when IR pulse is received that buzzes buzzer. Goal of 30 feet emission is exceeded. Still need to interface lights and Sound.
- Sound update: Bri
- Bluetooth Update: Rayna
- Power update: Leo

Future Plans:

- Connectors for lights come in tomorrow
- Test transmission speeds and distance for Bluetooth
- Interface Bluetooth with IR receiving to send data to the computer
- Further SD Card testing for custom sound
- Plan on trying to have an initial PCB board submitted for production by before spring break

Questions

- How long does it take to get a PCB back to us once we order it?
- Meeting the week before spring break: Timing?