**Team 6 : GrAPE- Jan 30th, 2023**

**Nicole: Bluetooth common input and output**

* Individual: Fix volume control
* Integration: Bluetooth works, send names of speakers and wait for input from LCD
* Week 1 completed: name of connection speaker displayed in list and string (char\*\*) format
* Week 2 To-Do: Crashes for non-connecting speaker names

**Nathan: Analog Processing**

* Individual System: Finish working schematic design for the equalizer (summing amplifier and branching resistor remedy), update PCB
* Integration: Read two channels of audio input, output left and right as one channel
* Week 1 Completed: Progress on remedying summing amplifier/branching resistor error; potentially resolved (need to assert with Dr. Silva-Martinez on Tuesday).
* Week 2 to-do: Resolve schematic design and some type of perfboard demo with <10 bands and PCB update.

**Antonio: Power Supply and User Interface Subsystem**

* Individual System: Finish testing DC-DC converters, redesign PCB, LCD code from C++ to C in Espressif
* Integration: MCU communication for the LCD, power buses for the GrAPE
* Week 1 completed: ordered and waiting for redesigned parts for the DC-DC converters
* Week 2 To-Do: Test DC-DC converters, aim to order PCB if testing goes right