**Team 6 : GrAPE- Feb 13th, 2023**

**Nicole: Bluetooth common input and output**

* Individual: Fix volume control, duplicates in speaker names list
* Integration: Bluetooth works, send names of speakers and wait for input from LCD
* Week 3 completed: I2C implemented, can read/write, can send names in uint8\_t\* in hex, ordered Bluetooth Transmitter PCB
* Week 4 To-Do: Bluetooth volume controls, removing duplicates from speaker names list, PCB soldering if it/they come in

**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 3 Completed: Perf/proto-board implementation of 500 Hz band
* Week 4 to-do: Perf/proto-board implementation of 1000-500 Hz network, PCB design

**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 3 completed: waiting for redesigned parts for the DC-DC converters and Dev WROVER-E kit and began testing
* Week 4 To-Do: Test DC-DC converters, aim to order PCB if testing goes right