

Austin Wells
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Assignment Two

1)

This graph could be made to have squared corners. We could also interleave the graphs on top of each other, or modify the color of the graph in relation the magnitude of the frequency.

2)

Because we use the FFT array to decide the magnitude of the equalizerGraph the graph would scale with the FFT array, and would still show data for 20 points

3)

We would need to change the code to read in the song as a file into the ringbuffer instead of data from the microphone. This would require uncommenting code in viewWillAppear that already exists.

4)

iOS will automatically deallocate objects in views that have disappeared if it determines the space is needed. By pausing it, we don't have to reallocate the audioManager object every time we view the graphs.