

Schuyler Senft-Grupp and Matt Moskwa  
6.111 Final Project  
Checklist

For our final presentation we will:

1. Demonstrate a working GUI which includes: displaying a known sample of values on the spectrum analyzer and maneuvering through the different effects options with the left, right, up, and down buttons.
2. Demonstrate a working 128-point FFT. We will send a known input comprised of several tones to the FFT and show the output through the GUI.
3. Demonstrate the 16 channel DDS by producing a signal comprising up to 16 tones.
4. Demonstrate playing a guitar and hearing the correct output on speakers.
5. Demonstrate the guitar effects which include:
  - Vibratto
  - Pitch Bender
  - Harmonizer (if time permits)
  - Areggiator (if time permits)
6. Demonstrate our use of memory by adding a delay signal.