

6.111 Final Project Checklist

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Signal Generator (Dylan):

- Produce waves at varying frequencies
 - Square
 - Sin
 - Triangle
 - Sawtooth

To provide the core functionality of our project, for each of:

- **Delay** (Dylan)
- **Reverb** (Dylan)
- **Chorus** (Dylan)
- **Ring Modulation** (Dylan)
- **Equalizer** (Devon)
- **Distortion/Compression** (Devon)
- **Wah/Auto Wah** (Devon)
- **Tremolo** (Devon)
- **Pan** (Devon)

We will:

- Verify that the module produces the desired effect.
- Verify that varying the parameters produces a corresponding change in the effect.

ZBT Recorder/Looper (Dylan)

- Allow 4 channels of audio to be recorded and played back
- Variable volume levels for each channel

AC97 Interface (Devon)

- Provide stereo audio output, as demonstrated by the pan effect

FX Control Menu (Devon)

- Allow the user to control all effect input parameters
- Easy-to-use scrolling and value input, including fast scroll if buttons are held

Wah Pedal ADC (Devon and Dylan)

- Allow a pedal to control the wah threshold value