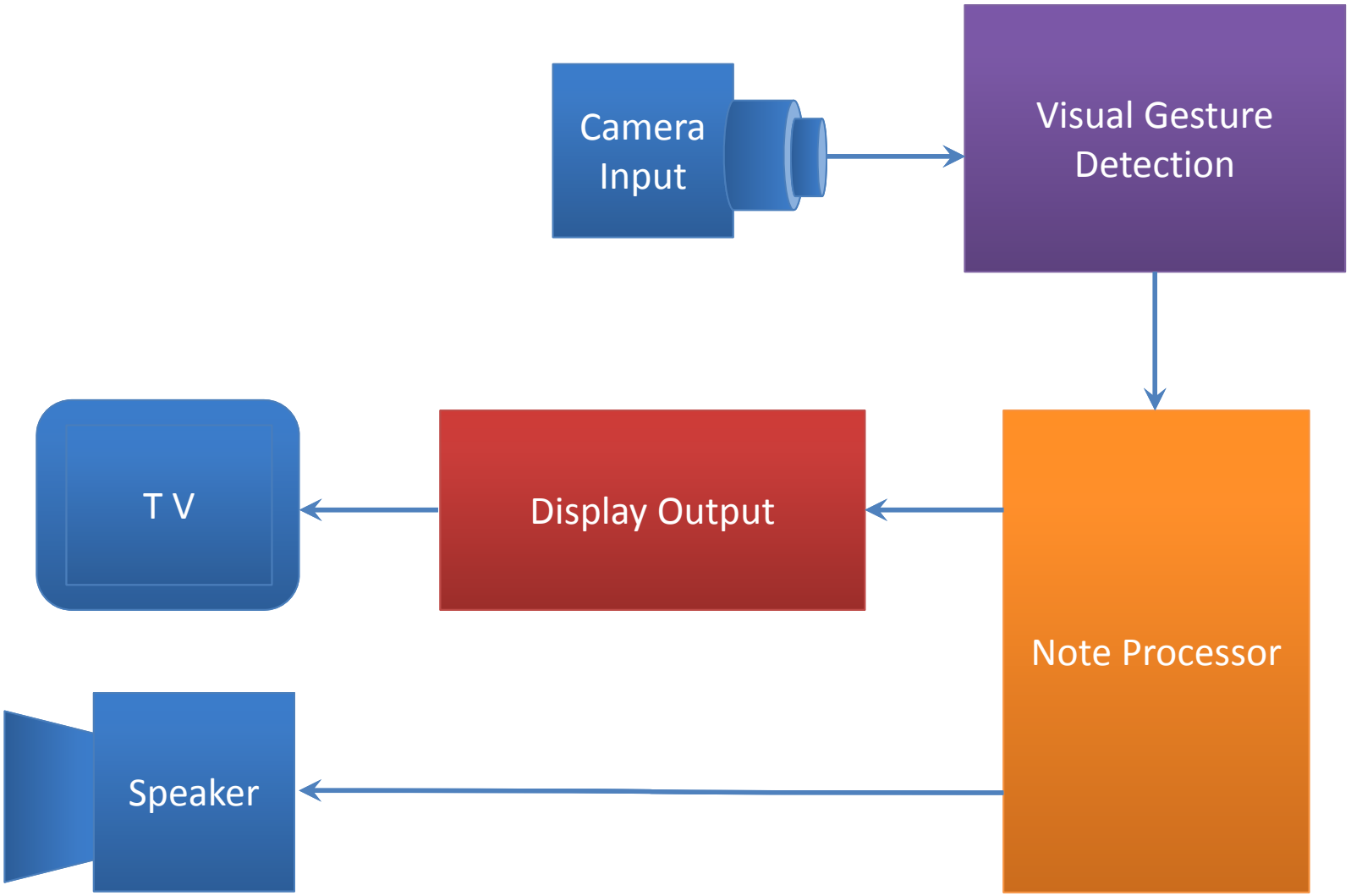
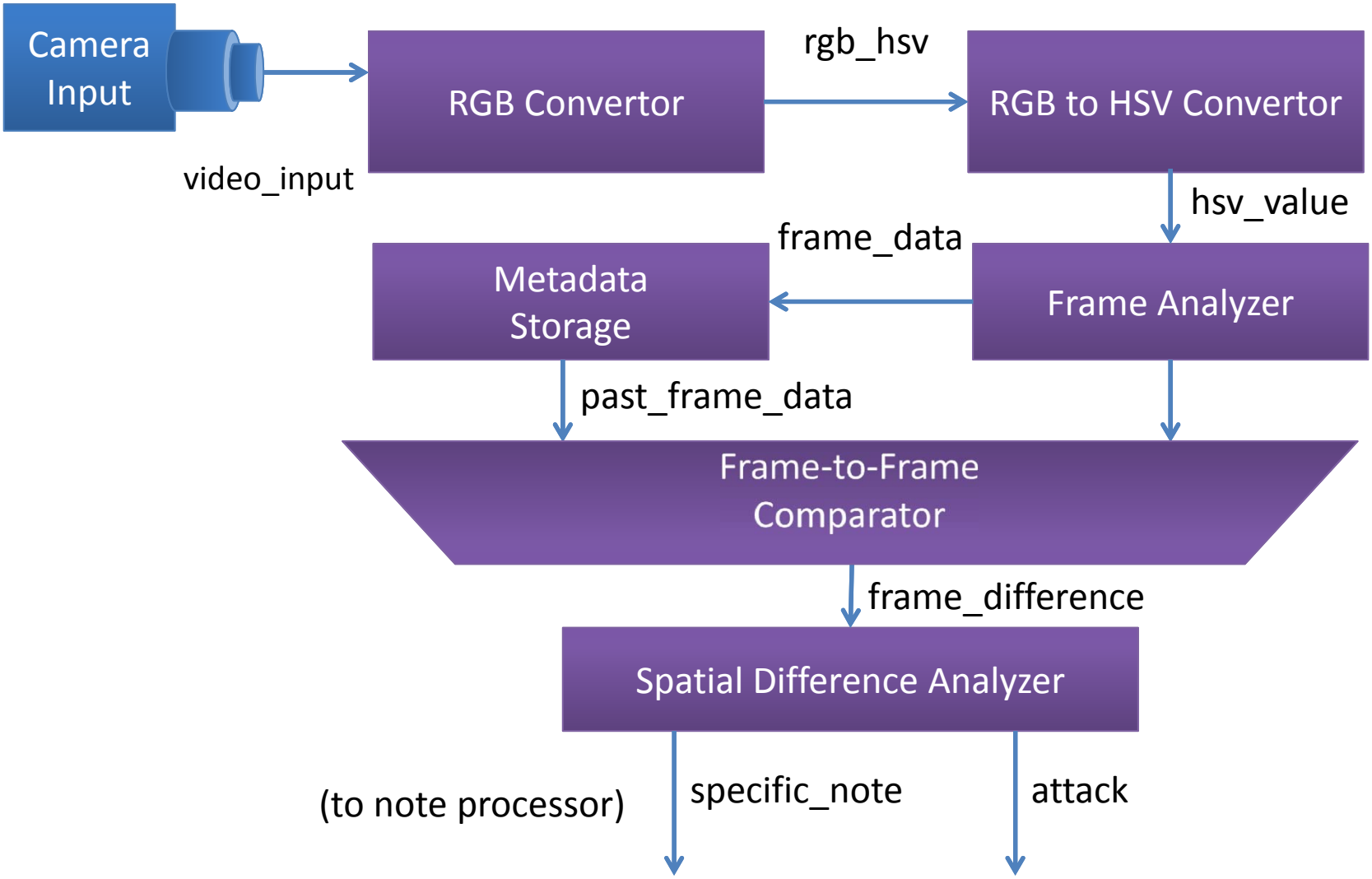
Pianos are large, heavy, and expensive

Virtual Piano is easy to transport

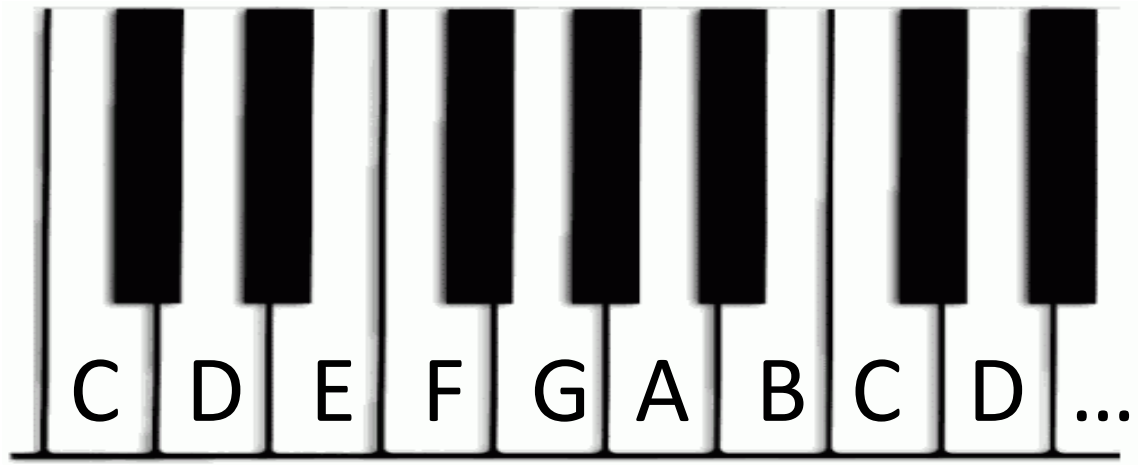

Camera Input
Visual Gesture Detection
T V
Display Output
Note Processor
Speaker

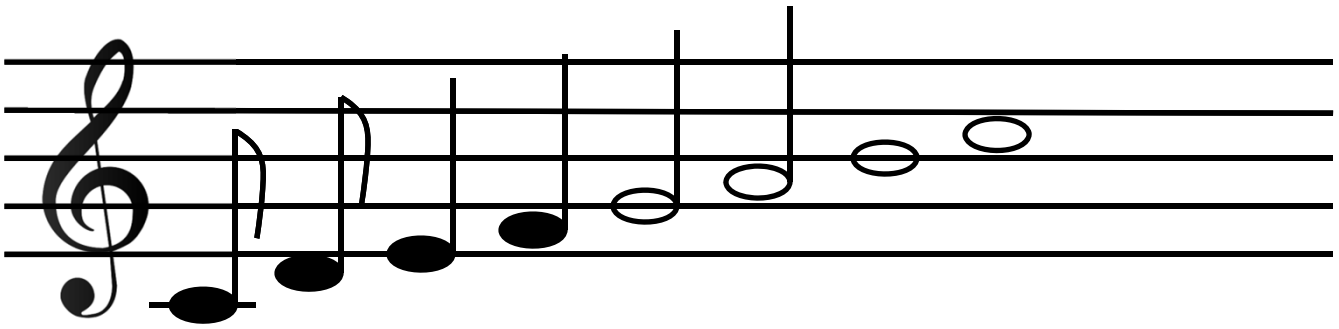
Visual Gesture Detection

Processes images from camera and sends note name and attack to note processor



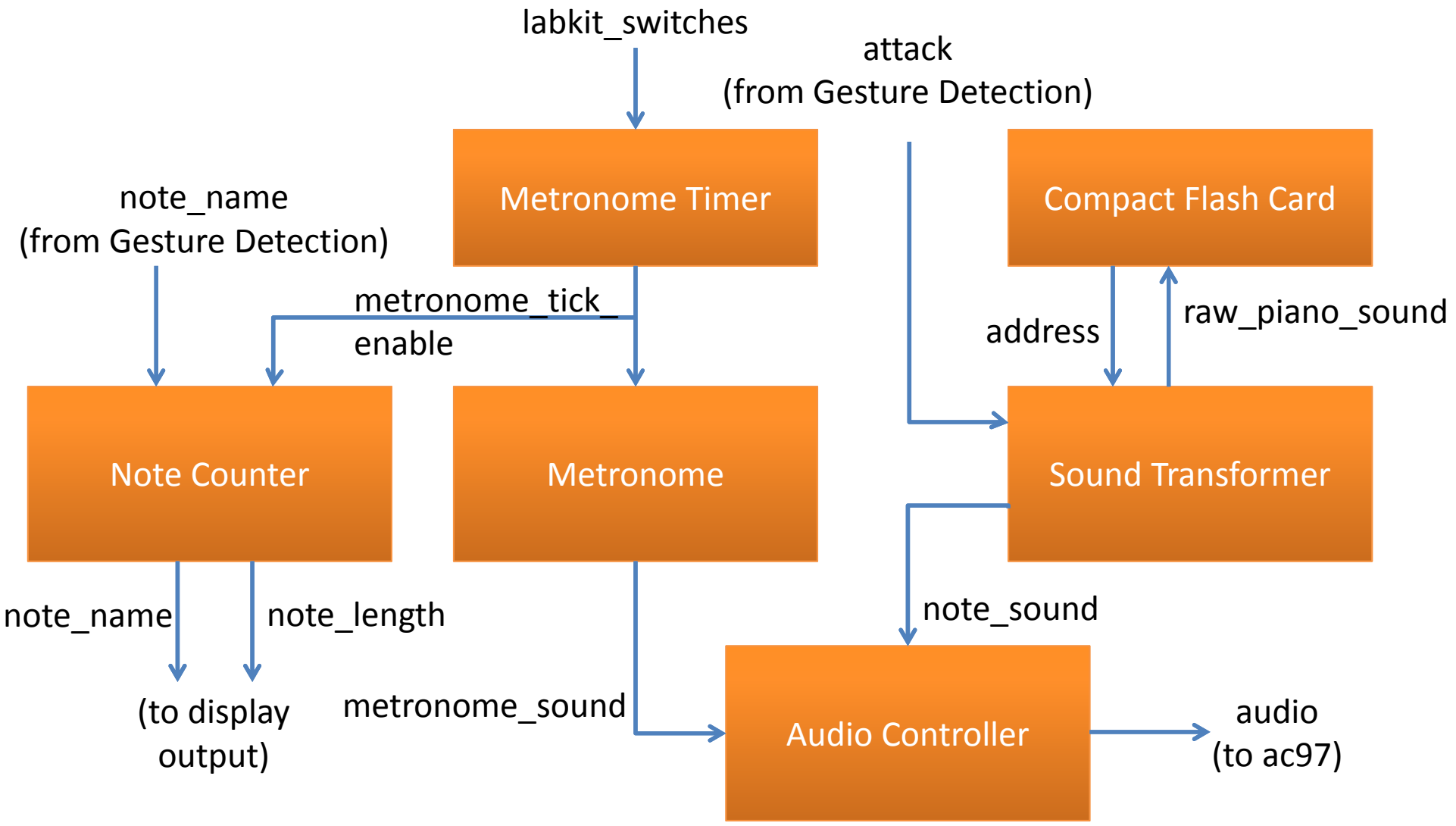
Writing Music to Bar Staff





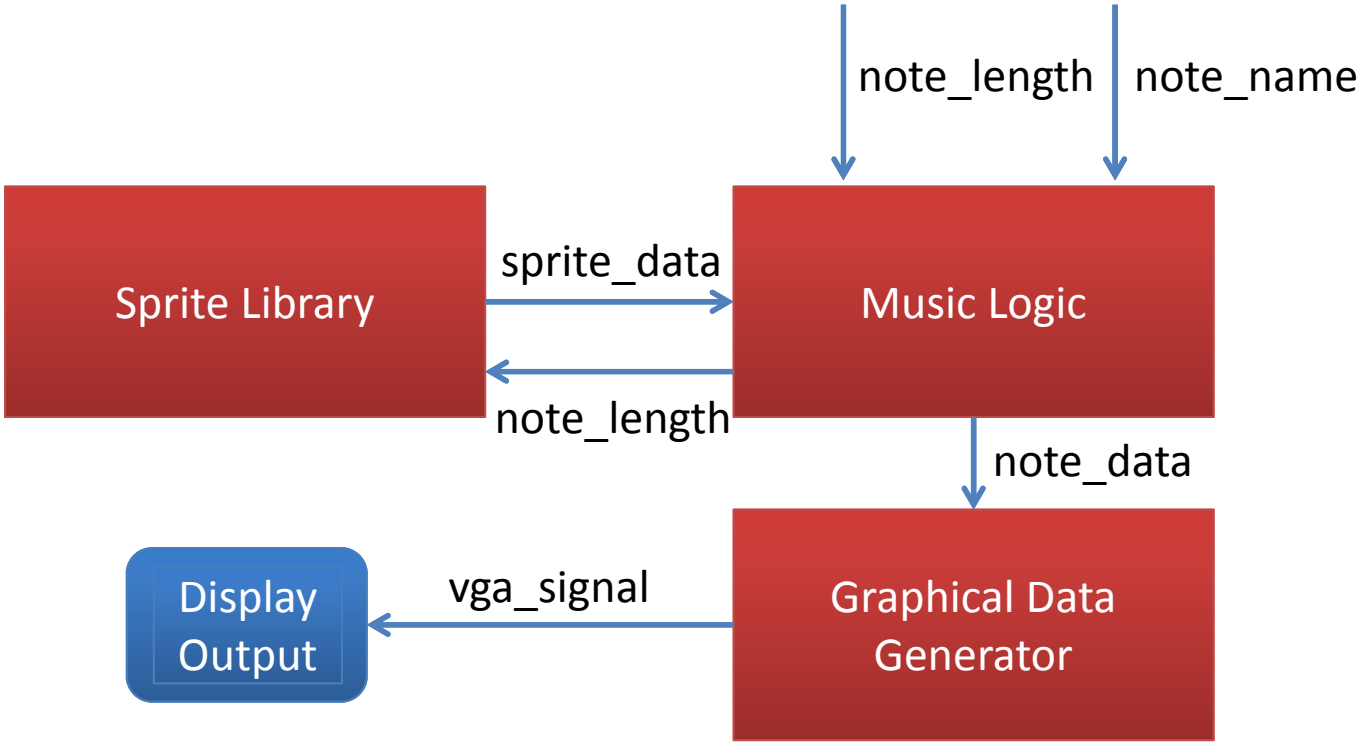
Note Processor

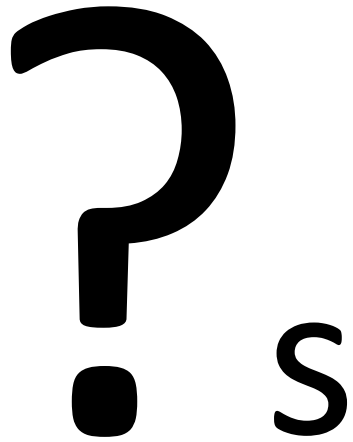
receives data from gesture detection module, outputs to display and audio



Display Output

Receives note length and note name and displays them on screen



Schedule

- Week of 11/11
  - Work on gesture detection – be able to detect 2 fingers
  - Be able to store and play audio
- Week of 11/18
  - Debug display module
  - Work on note processing
- Week of 11/25
  - Debugging, combining modules, implementing stretch goals
- Week of 12/2
  - Debugging!