Minutes 1/25

Subsystems

1. Sampling and saving Memory
2. WiFi connectivity
   * Need to use mp3 encoder.
3. Mobile app design
   * Soundcloud
4. Digital to analog playback
   * Found parts from TI with pulse sampling and low pass, cheap
5. Digital effects
6. Analog effects

Go all digital effects? Would need to know a lot of DSP. How complicated are the effects to implement? May have to change microcontroller.

Plan to look into going to digital effects.

4 effects: clipping, delay, reverb, and tremolo.

If we decide to use PIC24, Prof. Schafer has some laying around.

Got cart and room.

Possibly have dipswitches to control connection. Should be able to do use app on tablet or laptop.