1. **Record/Playback Sound Quality: 40 pts**
   This part will be done using the Record mode and a sampling rate of your choice. You will speak into the microphone and record your voice. The TA will play back the recorded sound several times to judge quality.

   - 40 pts if sound is POTS quality
   - 35 pts if fairly good
   - 20 pts if fair
   - 10 pts if intelligible
   - No credit if unit only hisses

2. **Playback Different Rates: 20 pts**
   Using a sound record obtained in # 1 you will demonstrate playback at two different rates.

   - 10 pts for demonstrating playback using a double rate
   - 10 pts for demonstrating playback using a half rate

3. **Sampling Duration: 20 pts**
   Using the recording from part 1.

   - 4 pts awarded for every second of sound recorded and played back.

4. **Operation: 10 pts**
   5 point deduction for each item not satisfied. Max deduction = 10 points

   - Push buttons start Record and Playback
   - LED turns on during Record.

5. **Customer Satisfaction: 10 pts**
   Your customer (the TA) will award a maximum of 10 points that reflects his/her satisfaction with your project. A 10 point deduction for each item below will be assessed. Max deduction = 10 points

   - Messy wiring
   - Unfamiliarity with any aspect of your project
   - Late for your demo
   - Poorly presented demo

**Other**
Your project notebook must be turned in at the time of your demonstration. No documentation will be accepted after the demo. The total project grade is 25% design notebook and 75% demonstration.