

Report Period: Oct 4 - Oct 18

### **Summary of Progress in this Period**

- Continuing research and determining ADC and bluetooth compatibility
  - Attempting first iteration of a filter
  - Microphone exploration
  - Added functionality of audio function to website
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### **Pending Issues**

- Needing to buy components to get a low enough filtering frequency
  - Find a way to make storing audio more efficient.
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### **Plans for Upcoming Reporting Period**

- Create concrete implementation for ADC (meeting with mentor)
  - Create another potential machine learning model
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