**Engineering Notebook**

**Option 2 – Audio Surveillance**

Week 1 (1/16-1/22)

During this week, I focused on completing the revised product vision and product backlog with the rest of the team. Other than that, we were just brainstorming solutions to some of the issues we have, like calculating the location of the sound input and figuring out how to classify the sounds once they have been processed.

Week 2 (1/23-1/29)

During this week, my main focus was learning about the pysoundfinder code, and figuring out how it works. The documentation given for the code isn’t the most detailed, so we have yet to get it running properly.

Week 3 (1/30 – 2/5)

This week I continued work on pysoundfinder – we are still trying to test it with the correct values for the distances between microphones on an array. The instructions given are not very clear, so we are still having trouble getting it to work.

Week 4 (2/6 – 2/12)

This week continues the work from week 3.