Weekly Report 11/3/14

Project Name: A commercial nocturnal asthma monitor

Group Number: 26

Group Members: William Padovano, David Kim, Chris Beyer

Current status of project:

Since finishing the Progress Report and Presentation, we have continued to work on refining the software cough-recognition implementation, as well as researching hardware. Five pieces of hardware were ordered on 10/31: two speakers, an amplifier breakout board, and two microphone breakout boards. The team also spoke with an asthma doctor in order to gain further insight into defining an asthma attack.

Work planned for next week:

Chris will continue to research potential hardware implementations, while William and David will continue to develop the software. The team as a whole will meet to discuss potential limitations on the recognition algorithm that may arise from the Arduino.