Since, we have now successfully interfaced our A/D converter with matlab. We can now turn our attention back to our individual projects...

Mon Sept 24, Met with the group and added the onset detection code to the program. The onset code successfully detected sound, which is to be expected. However, when we tested the program when no sound happened we saw that the onset program produced errors. As, we went through the code we noticed that the logic of the program was wrong. So we changed it, and now the program works.

Wed Sept 26, Thinking of ways to deal with the potential problem of sound mex pro inserting sound into our audio stream. One way that we can deal with this potential problem is to program the onset detection program to reject sounds that only happen on one channel or happen on all channels at the same time( this should not happen due to differences in mic placement and construction).