Monday Sept 10, met Brunet and Ali and worked on getting playrec to work on both the mac and pc. I am starting to notice a pattern with these programs, they were all created in the mid 2000's and are no longer supported by their individual developers... the playrec site didn't even allow me to register so i could ask questions about install...

Sunday Sept 16, since we are having no luck with the free programs I decided to look into SoundMexPro which is a paid program. SoundMexPro allows you to run its software in trial mode and only limits you to recording for 5 min and occasionally inserting its name in your audio program at random times(which we will have to watch out for, if we use this program). It is my hope that this program will be better supported since it is a for profit program. Over this next week me and Brunet plan on testing this software to see if it works.

Saturday Sept 22, met Brunet and started testing SoundMexPro with our A/D converter. Our initial test were successful, it looks like we have finally found a way to interface matlab with our A/D converter. While we were there we tested SoundMexPro and incorporated it into our program. We were able to build the front-end of our program that lets matlab talk to our converter and pass the audio channels through an audio filter.

Sunday Sept 23, Met the rest of the group today, and added the onset detection part of the program. Because we want to have this program continually run we tested the onset detection to see how it behaved when a sound happened and when a sound didn't happen. While, we were testing it we found out that the program was not written right to handle the case that a sound didn't happen. So we fixed the logic of the program and now it seems to be working well. Next, we start preparing for our milestone presentation...