### Description:

Mon Oct 29, met with the group and did some testing to see if we could make a sample point database. Initial test were promising, so we will start working on it tomorrow.

Tue Oct 30, met with brunet and finished most of the sample point database.

Wed Oct 31, met with the group and started testing our program to see if it could localize a sound using our sample point database. It could not... but we noticed that a wooden block banged against a wooden pool was giving us consistent results... the results were consistently bad but at least they were consistent.

Thur Nov 1, tried to build a new smaller sample database so we could localize the block sound. but we could get anything to work. After fighting with the mics all night we realized that the noise on mic 4 was 20 times higher than mic 1 which is what we were using for our baseline. So we are now going to make a separate baseline for each microphone to fix this problem.

Fri Nov 2, got ready for milestone 2...

Sun Nov 4, met with Brunet and tested our system by making 2 sample points and checking if our system could localize them. It could but we ran into some strange issues with localizing sound 2ft from some sample points.