Last Week [Week 1]

* Team decided to work on a purely software based project but may switch over to building a device depending on difficulties and other factors
* Possible Programming Languages Discussed
  + C
  + Python
* Tamarr has created a basic starting program in C for the new/current user and for the pin as discussed in the high level design
* Research methods or possibilities in order to solve/approach the other factors for authentication
  + [From MATLAB site, able to have C and MATLAB interact with each other. Can use MATLAB to conduct FFT analysis for us](https://www.mathworks.com/solutions/matlab-and-c.html)
  + [Article on FFT and using it in Python that has a library for it](https://towardsdatascience.com/understanding-audio-data-fourier-transform-fft-spectrogram-and-speech-recognition-a4072d228520)
* Goals discussed at the end of the meeting
  + Research how to go about the GPS part of the project ; how to access GPS location and use that through our code
  + Continue looking into how to approach the FFT with the recordings of our voices and how to store relevant info along with the username and their pin into a single file
* A brief refresher on the overall project, your part in the project, and your specific tasks and goals from the prior week
* An explanation of what actions you took and what you accomplished
* A description of what problems you encountered and how you solved them
* A discussion of problems remaining and your thoughts on possible solutions
* Your action plan for the following week