Tuesday November 19ᵗʰ
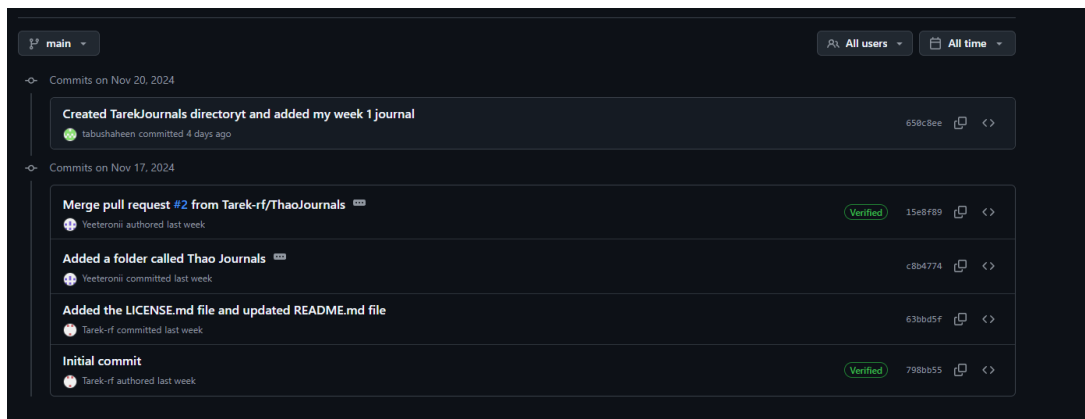
- Researched what was necessary to read and manipulate data with our SCD-41 sensor, found that a circuit library would be very beneficial.
- Raspberry PIs tend to be manipulated with Python scripts rather than C++ like an Arduino board, although upon further research I realized that an Arduino board would have been an economical option in comparison to our PI, but we need the PI anyway for other uses, therefore we stuck with the PI
- While researching Arduino Boards, I found out that SCD41 sensors only send data every five seconds, I was under the impression that readings would be more frequent, this changed the idea of possible implementations, bringing me to realize our readings would not be instant and dynamic, but 5 second apart data readings. \

Thursday November 20th

- Watched video on connecting sensors to Raspberry PIs
- Discovered circuitpython libraries, which has libraries usable with a vast variety of sensors, unfortunately, it did not have one specifically made for a SCD41 sensor, because I only found a (or so I thought)
- Upon further research I discovered that the SCD4X library does support our sensor, I was under the impression that this was a library with support only for Temperature and Humidity sensors

Github

P.S: I did in fact have a commit upon submitting my last journal, however I did forget to include the GitHub repository link (tabushaheen).

https://github.com/Tarek-rf/UnixFinalProject