***05/10/20:***

 I Presented my idea to Brian, he seemed to be happy with the project idea in general. He recommended using the ESP32. There seems to be a bit of crossover between features in my project and his module cloud computing. I gathered that I could use NodeJS to help take information from the form on the webpage that records patient information (contact info and symptoms) and store it. The module should also help me build my webpage as that is what we have been doing in his class so far. After class I researched examples of the different components independently such as a DC motor, IR temperature Sensor and Oximeter.

***12/10/20:***

I presented my revised idea to Brian it seemed to be received well. He recommended that I use a plug and play oximeter instead of making my own which I anticipate will decrease the workload, which is somewhat of a relief. Right now I am still researching the different technologies that I will use. I will then send a rough draft to Paul who is my supervisor. If Paul approves my project I will start working on architecture diagrams and my proposal. So far I am happy with the progress I am making.

***26/10/20***

I am Starting to put together my project proposal, i am finding it difficult as im not quite finalized on what technologies i am using on the web app end. Paul and Brian have both suggested different ideas to me. Ideally i would like to use Brians suggestion as i would be able to complete this in class.

**4/11/20**

My project proposal was submitted, admittedly a bit late this was due to illness. If i get the go ahead i will be clear to begin ordering parts.

**11/11/20**

I received feedback from Paul. He seems happy with my proposal and for me to continue working. Although, He did say that I should consider security as there will be user data. This is something I will have to look into more.  I will order the parts tonight and will hopefully have them for next week when I will be able to get familiar with them.

**17/11/20**

Yesterday I received my ESP32. So I will spend the next week trying to get a web server up and running. My goal is to learn more about it. I am finding it difficult to find the time to do work on my project at the minute as my time is taken up with Java assignments.

**23/11/20**

I got my example web server working on the esp32. I found an online example and got it connected to my wifi. I had to add my board on the Arduino IDE and slightly alter the example code. It’s good to get the board working.