Weekly Report for <u>2020-01-14</u>

Student Name: Daylen Mackey (1444775)

Group Name: Milky Way Solutions

Group Members: Leo Marroquin, Jia Xiang (Tony) Yang, Ian Then

Progress this week:

Progress was very limited this week as I was sick with Laryngitis, and another group member had Pneumonia. This puts us slightly behind schedule, but we will work hard to make it up.

We did find the time to meet and delegate some weekly tasks.

- We plan to keep meeting as a group every Tuesday
- Tony and I will be responsible for building the Python GUI backend and testing it on the touchscreen this week.
- Ian has taken size measurements of the instruments, and is working on designing the board layout
- Leo is finalizing the PCB design and plans to get it reviewed this week.

Our parts arrived and we have already begun working with them. We spoke to Alan about implementing switches and fuses for our power source as well.

Evaluation from last week:

This last week was not incredibly productive, but two team members were very sick. However, I am pleased with the progress our team made during our short meeting.

With a client meeting next week, and everyone understanding their role, I believe we are on the right track.

For Next Week:

New Goals For NEXT Week	
Goal #	**Goal**
1	**Format the new Raspberry Pi and install necessary frameworks**
2	**Build simple TkInter GUI for testing Purposes**
3	**Integrate GUI with Raspberry Pi and touchscreen**
4	**Test BME sensors on the Raspberry Pi**

Concerns: None