

Individual Weekly Report

Name: Aysen De La Cruz

Team: Bray IIoT Smart Solutions

Date: 03/03/2025

Current Status

1. What did you **personally** work on this past week?

Task	Status	Time Spent
Reading and understanding Bray firmware	In progress	5 Hrs
Setting up Raspberry Pi	Complete	30min
Helping with soldering hardware	Coomplete	30min

Include **screenshots/graphics** to illustrate what you did this past week:



2. What problems did you run into? What is your plan for them?

We overestimated how easy it would be to begin to write code within Bray's already existing system.

We have contacted Bray and we should be getting a video from them where they explain the layout of the code and how to flash it to the board.

3. What is the current overall project status from your perspective?

Overall, we are behind, and we need to make major progress this week and during spring break.

4. How is your team functioning from your perspective?

Overall we work well together. We all understand we have fallen behind, and everyone plans to make bigger contributions in the coming weeks.

5. What new ideas did you have or skills did you develop this week?

No new ideas for me. As for skills, I continue to develop my understanding of the Bray Firmware.

6. Who was your most awesome team member this week and why?

Most awesome teammate would be Matthew. He made the biggest contributions with being in contact with Bray and wiring up our hardware and sensors.

Plans for Next Week

What are you going to work on this next week?

My plan for this week is to continue looking at the firmware provided by Bray. After this I plan to start writing actual usable code. Matthew and I will need to set up some time to outline/write pseudo code for the plug and play capability as well as the CO2 sensor. Then, after getting a breakdown from Bray, we can then turn our pseudo code into demoable code for the next status demo.