

Individual Weekly Report

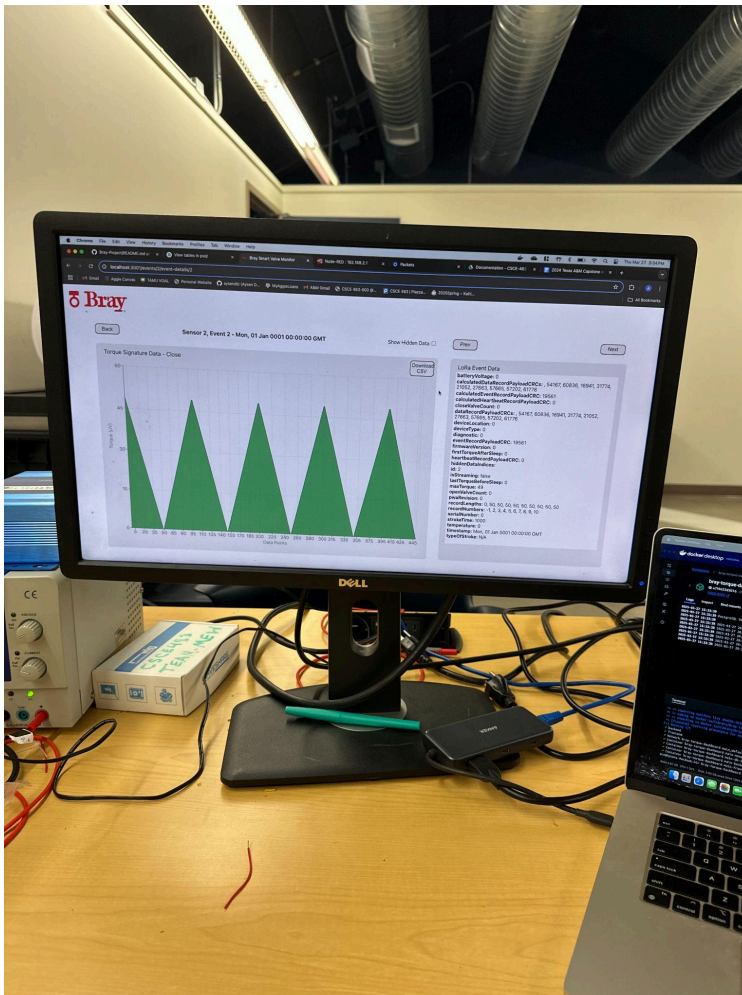
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Team: Bray IIoT Smart Solution
Date: 03/24/2025

Current Status

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

Task	Status	Time Spent
Connected the LoRa Board successfully to the Gateway	Complete	3 Hours
Was able to get the previous semester's work up and running	Complete	3 Hours

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



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

No problems were run into. All that's left for Matthew and me to do is write the firmware, and then join the rest of the team on the backend/frontend side.

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

Overall, once again, we are behind, but given what we have, I am still hopeful we can meet the project expectation goals before April 17, or worst case scenario, April 25.

4. How is your team functioning from your perspective?

Our team is functioning well. Everyone is starting to step up and buckle down on their assigned task.

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

I feel confident in the previous semester's environment and feel that over the last week, I now know mostly what everything is doing.

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

My most awesome teammate was Josh. He is on the backend/frontend team, and I am on the firmware team. We were able to communicate with each other to better understand each other's sides of the project, which was a huge help when it came to better understanding the entire system.

Plans for Next Week

What are you going to work on this next week?

I am going to finally get around to writing the firmware. Luckily, this is a small task compared to what comes next. After completing this, because it should be me and Matthew working on it, it should be complete by the end of the week. We would hope to modify the Node-Red application running on the gateway and then the receiver end of the MQTT client to populate the database.