Individual Weekly Report

Name: Matthew Livesay
Team: Bray
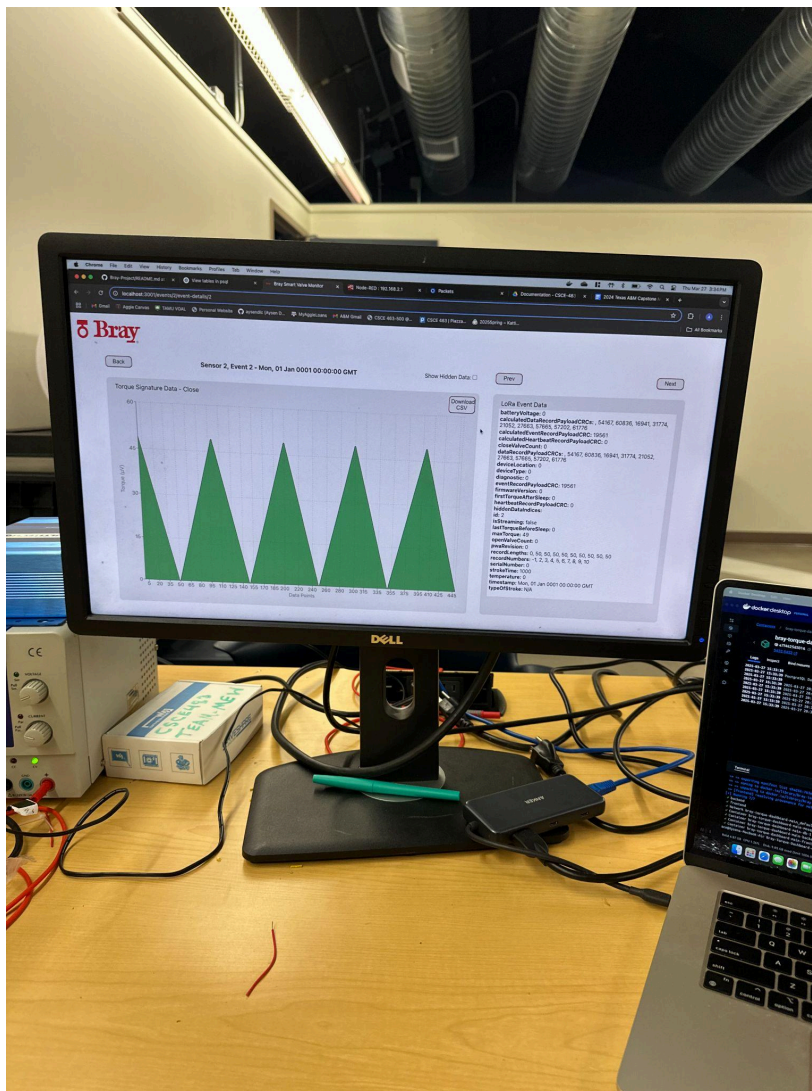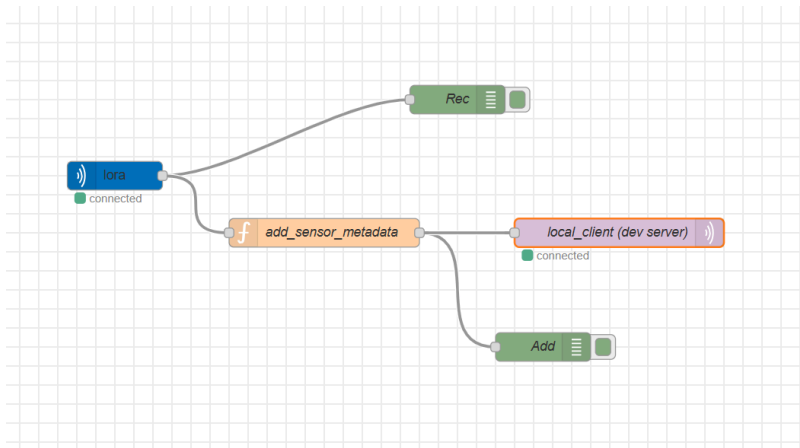**Date:** 3/31/25

Current Status

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

Task	Status	Time Spent
Got board connected to gateway	Complete	2 hrs
Got gateway connected and communicating with backend server	Complete	1 hr
Developed firmware architecture	Complete	1 hr
Troubleshoot battery	Complete	30 min
FOund documentation issue and reported to Bray	Complete	45 min

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

DEVICE EUI	FREQ	DATARATE	SNR	RSSI	SIZE	FCNT	TYPE	TX/RX TIME	DETAILS
39-33-33-32-56-32-78-14	926.900	SF7BW500	-	-	23	00000001	DnUnc	00:26:07	👁
39-33-33-32-56-32-78-14	926.300	SF10BW500	-	-	17	00000000	JnAcc	00:25:49	👁
39-33-33-32-56-32-78-14	902.300	SF7BW125	13	-23	35	0000008F	UpUnc	23:28:06	👁
39-33-33-32-56-32-78-14	903.500	SF7BW125	9	-22	117	0000008E	UpUnc	23:27:56	👁
39-33-33-32-56-32-78-14	903.300	SF7BW125	13	-22	117	0000008D	UpUnc	23:27:46	👁
39-33-33-32-56-32-78-14	902.700	SF7BW125	11	-23	117	0000008C	UpUnc	23:27:36	👁
39-33-33-32-56-32-78-14	903.100	SF7BW125	13	-23	117	0000008B	UpUnc	23:27:26	👁
39-33-33-32-56-32-78-14	902.900	SF7BW125	13	-22	117	0000008A	UpUnc	23:27:16	👁
39-33-33-32-56-32-78-14	903.700	SF7BW125	13	-23	117	00000089	UpUnc	23:27:06	👁
39-33-33-32-56-32-78-14	902.500	SF7BW125	13	-22	117	00000088	UpUnc	23:26:56	👁
39-33-33-32-56-32-78-14	903.500	SF7BW125	9	-22	117	00000087	UpUnc	23:26:46	👁
39-33-33-32-56-32-78-14	903.700	SF7BW125	13	-22	117	00000086	UpUnc	23:26:36	👁
39-33-33-32-56-32-78-14	902.500	SF7BW125	13	-22	117	00000085	UpUnc	23:26:26	👁
39-33-33-32-56-32-78-14	902.900	SF7BW125	13	-22	109	00000084	UpUnc	23:26:16	👁
39-33-33-32-56-32-78-14	903.300	SF7BW125	13	-23	35	00000083	UpUnc	23:23:03	👁
39-33-33-32-56-32-78-14	902.700	SF7BW125	10	-23	117	00000082	UpUnc	23:22:53	👁
39-33-33-32-56-32-78-14	903.100	SF7BW125	13	-23	117	00000081	UpUnc	23:22:43	👁
39-33-33-32-56-32-78-14	902.300	SF7BW125	14	-23	117	00000080	UpUnc	23:22:33	👁

2. What problems did you run into? What is your plan for them?
   a. Firmware development is hard in C
   b. IDE we are using has terrible git integration, need to find a way to manage changes correctly

3. What is the current overall project status from your perspective?
    a. Progress is starting to speed up

4. How is your team functioning from your perspective?
    a. Still functioning fine

5. What new ideas did you have or skills did you develop this week?
    a. Troubleshooting network and firewall issues.
    b. C firmware development

6. Who was your most awesome team member this week and why?
    a. Alex for completing the evaluation plan section of the report.

Plans for Next Week

Make progress on firmware
Figure out how to use USART interface on board
Figure out how to send data from the board