Team Weekly Report

Team: Bray IIoT Smart Solutions
Week: 7
Members: Aysen De La Cruz, Matthew Livesay, Alex Kearney, Abdiel Rivera, Josh Werner

Status Report

Since the last report, we have gotten much of the legacy software to work in new conditions and we have proven the functionality of the gateway and backend server. Our backend server and frontend user interface are communicating properly and can display test data. The gateway has been properly configured and can connect with a host machine. We have yet to successfully capture real data transmissions from the LoRa board, which will be our next task. Additionally, we will be working on fully integrating all the parts of the system.

Current Status

1. What did the team work on this past week?

Task	Task Lead	Status	Notes
Development of web application	Abdiel Rivera/Josh Werner/Alex Kearney	In Progress	Experienced a roadblock in terms of backend connection, progress is now possible.
Development of transmitter firmware	Aysen De La Cruz	In Progress	
Frontend/Backend integration	Josh Werner/Abdiel Rivera	Done	
Planning new software updates and additions	N/A	Done	
Connecting LoRa board and conduit	Aysen De La Cruz	In Progress	
Connecting conduit to local PC	Matthew Livesay	Done*	*We think this is working but we still need to test this properly.
Report: Engineering Standards and Regulations	Alex Kearney	Done	
Report modifications	Alex Kearney	In Progress	Modifications made.

			Waiting for additional feedback

2. What feedback has the team received? No feedback was received this week.

From Whom	Feedback	Next Steps

3. Are any resources needed? If so, what?
   No resources are needed at this moment.

Plans for Next Week

What are your plans for this next week?

Task	Task Lead	Notes
Development of web application	Abdiel Rivera/Josh Werner	Frontend/Backend
Development of transmitter firmware	Aysen De La Cruz	
Understand legacy code for the firmware. It's a mess currently	Matthew Livesay Aysen De La Cruz	
Report Modifications	Alex Kearney	
MQTT Configuration	Alex Kearney	
Report: Evaluation Plan	Alex Kearney	
Connecting LoRa board to conduit	Aysen De La Cruz/Josh Werner/Matthew Livesay	