

# Individual Weekly Report

Name: Josh Werner

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
Database Design	In Progress	1 hr
Understanding previous teams work	In Progress	5 hr
Gantt Chart update	Completed	1.5 hr
Hard coding dummy data	In Progress	45 m

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

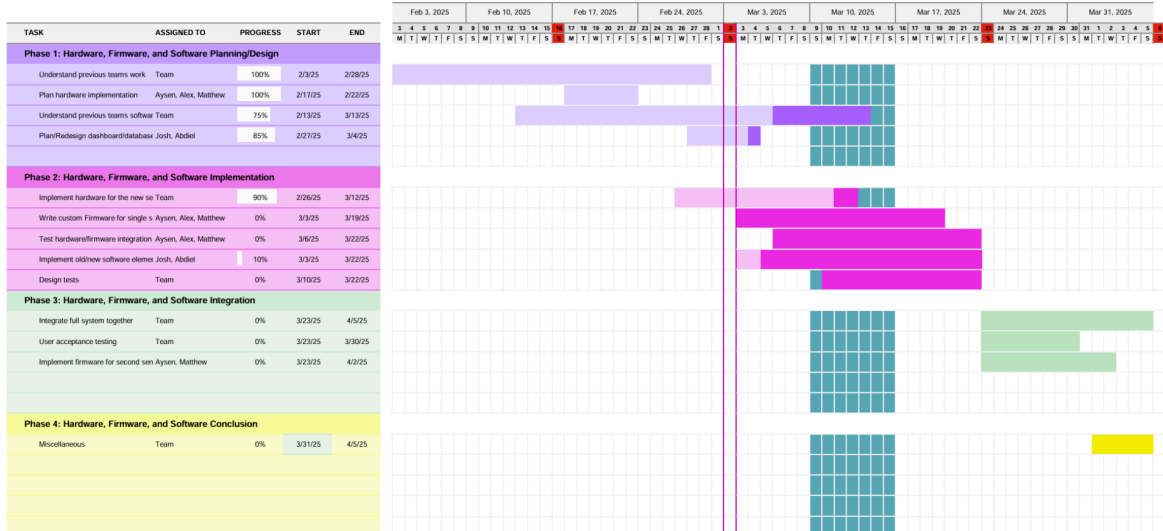
Updated Gantt Chart:

### Bray: IIoT Smart Solution

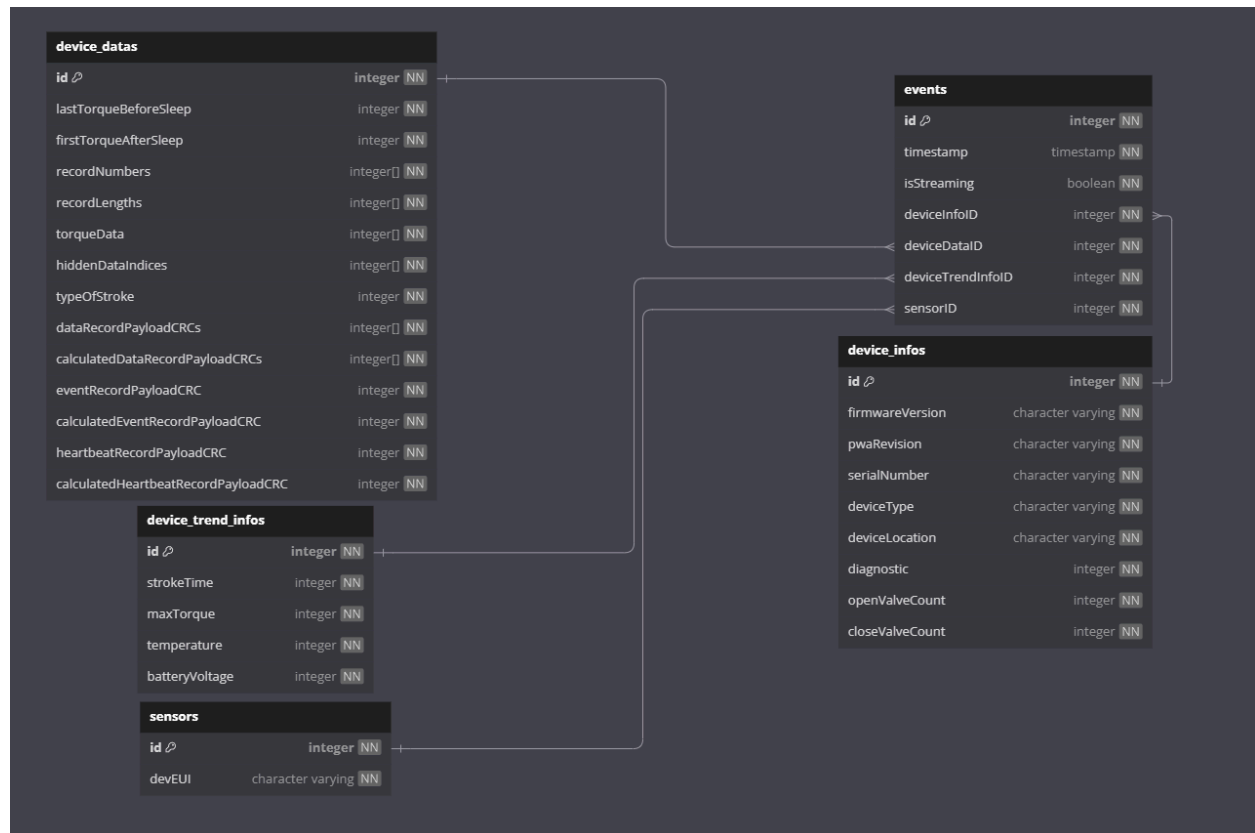
Texas A&M University

Project start: **Mon, 2/3/2025**

Display week **1**



Old database design, currently in progress to remove unnecessary components such as stroke and torque related components.



2. What problems did you run into? What is your plan for them?  
 I have spent a large amount of time trying to understand the legacy code provided to us by the past team. This involved many problems with getting the backend connections to work properly. I was particularly working on hard coding dummy data into the database to display and update frontend functionality, but this proved to be more challenging than it should have been. The database was propagated with data, but the website would not display data.
3. What is the current overall project status from your perspective?  
 The project is absolutely behind, but I think instead of approaching it from the perspective of 'we are behind', we must move onwards with the notion that we might have less time than originally anticipated.
4. How is your team functioning from your perspective?  
 The team is working together fine, however, I think this goes for all members of the team. The biggest problem area is dedication to the project. We have spent so much time planning and

understanding but we need to make technical progress ASAP.

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

Although I had worked with backend software before, I have been working with Flask for the first time so I've had to work with this. Along with this, after discussion with Bray, I had realized that the best approach to our project is to repurpose useful components and discard any unnecessary components.

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

This is not a problem, but I do not feel we had a particularly outstanding team member this week. We are all putting in effort together and currently I feel that no one individual did significantly more than another team member. If I had to choose, I would say Matthew Livesay for continuing to be a communicator with Bray but otherwise I stand by my original statement.

### Plans for Next Week

What are you going to work on next week?

I am going to be working on updating the backend structures of the web-application and ideally getting the frontend and backend communicating. Otherwise, working on more planning along with taking the time to continue to understand the previous work the team did and how it relates specifically to what we need to do.