## **Individual Weekly Report**

Name: Josh Werner

**Team:** Bray IIoT Smart Solutions

**Date:** 04/21/2025

## **Current Status**

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

Task	Status	Time Spent
Testing	In Progress	2hr
CSE Expo Presentation/Demo	Complete	2hr
Debugging	Complete	1hr

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

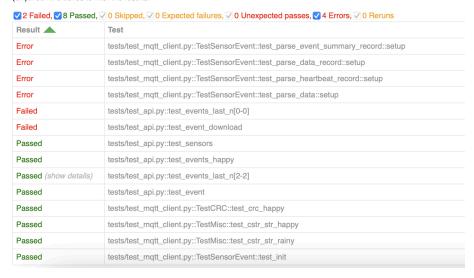
Coverage report: 48%  Files Functions Classes  coverage.py v7.8.0, created at 2025-04-21 13:27 +0000							
File ∧	statements	missina	excluded	branches	partial	coverage	
api_v1/initpy	75	18	0	0	0	76%	
api_v1/custom_csv.py	70	8	0	12	2	83%	
app.py	7	7	3	0	0	0%	
db_connector/initpy	71	41	2	10	2	40%	
db_connector/data_gen.py	24	24	2	4	0	0%	
db_connector/models.py	71	0	0	0	0	100%	
db_connector/queries.py	113	91	0	20	0	17%	
interpret.py	53	53	3	12	0	0%	
mqtt_client/initpy	92	35	0	12	1	56%	
mqtt_client/aux_sensor_event.py	33	20	2	8	0	32%	
mqtt_client/crc16.py	14	0	6	2	0	100%	
mqtt_client/misc.py	9	0	0	4	1	92%	
mqtt_client/sensor_event.py	117	68	2	22	0	35%	
tests/initpy	0	0	0	0	0	100%	
tests/conftest.py	46	15	0	6	2	60%	
tests/test_api.py	61	0	0	0	0	100%	
tests/test_db_connector.py	0	0	0	0	0	100%	
tests/test_mqtt_client.py	103	73	0	4	0	28%	
Total	959	453	20	116	8	48%	



## **Summary**

10 tests took 212 ms.

(Un)check the boxes to filter the results.



- What problems did you run into? What is your plan for them?No problems this week, we are finalizing all necessary components for the project.
- 3. What is the current overall project status from your perspective? The project is seemingly completed at this point.
- 4. How is your team functioning from your perspective?
  As the time gets closer to the due date, the team is working harder and more effectively. We have made incredible progress due to the whole team taking initiative and working together.
- What new ideas did you have or skills did you develop this week?I developed new skills related to integration testing and presenting.
- 6. Who was your most awesome team member this week and why? Aysen De La Cruz, I think Aysen is committing a lot of effort to this project that makes him a standout member of this team. He has been consistently working outside of class hours and making significant contributions by being persistent.

## **Plans for Next Week**

What are you going to work on next week?

We need to finish up the final project report as well as finish some loose ends that are currently looming over us. Otherwise, at this point we are very close to being finished.