

**PES**  
**FINAL PROJECT**

1. Feature scope changes from the original proposal and the reason for the change.

No changes from the original proposal. Reading the real-time barometric pressure data and displaying it on the terminal was the proposal.

2. What works or do you feel confident in getting working on the revised proposal?

The original proposal was to read BMP280 sensor values through the I2C protocol and I implemented the same.

3. What did not work in the revised proposal or you had to tweak.

Not Applicable.

4. What did you learn from the project?

- Learned about the intricacies of I2C communication and sensor data interpretation.
- Gained practical experience in interfacing hardware components and debugging embedded systems.

5. What could you have done differently.

- Consider alternative communication protocols or libraries for comparison of efficiency and performance.

- I could have explored additional features like reading altitude from the GY BMP280 sensor.

- I could have created an effect(blinking LED) if the pressure/temperature goes out of safety level.