W13 JOURNAL

Thursday, November 21, 2024

- ➢ Today was our first demo out of three for the final project.
- ➢ I was planning on making a game and I was totally prepared.
- ➢ It turned out that joystick is not a sensor, which can take input and output
- ➢ Our idea totally crashed and I was panicked
- ➢ Marking for us was done badly so I got tensed
- ➢ We planned instantly to make another project u sing PIR and Sonar sensor

Friday, November 22, 2024

- ➢ As we tested the sensors in the class itself we started making the test documentation for next weeks deliverable.
- ➢ We have to work hard as we cant afford to lose marks further.
- ➢ We decided to make the test document interesting by adding pictures and diagrams.

Monday, November 25, 2024

- ➢ I got the I2C adapter today.
- ➢ Saw some videos and documents related to I2C adapters and LCDs.
- ➢ Learnt about LiquidCrystal library and downloaded it.
- ➢ Tested the LCDs and completed the test documentation with my partner.

Tuesday, November 26, 2024

- ➢ Had a meeting with my partner after class.
- ➢ We started to build the final project.
- ➢ Our project is divided into two main parts PIR and Sonar.
- ➢ We made the first part of the project.

Wednesday, November 27, 2024

- ➢ We got on a call and started making the second part of the project.
- ➢ We were able to run the code but had a problem with the LCD.

- ➤ I tried all the things like analyzing the address of the LCD.
- ➤ Changed the wiring.
- ➤ Tried different codes.
- ➤ It was in vain, The LCD was showing backlight and white blocks.
- ➤ It was not displaying the text.
- ➤ As we do not have to present the final product, we decided to take halp from professor in tomorrow's class to figure out what was wrong.
- ➤ Saw some troubleshooting videos for LCD but it did not make sense.
- ➤ Everything was in a right matter but it was not displaying letters.