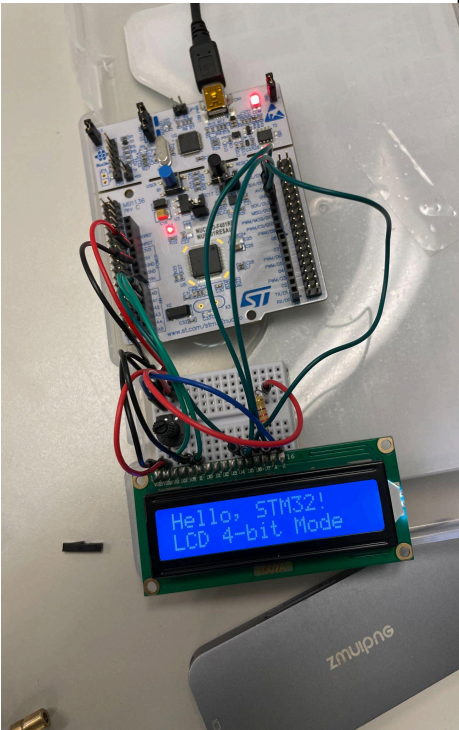
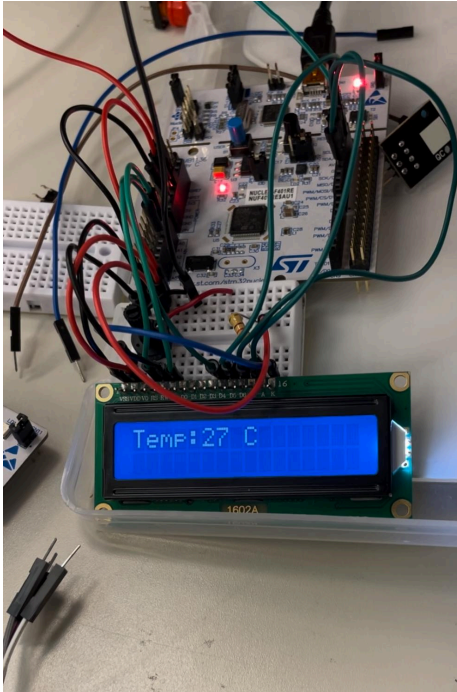


Test	Date/Time	Version# on GitHub	Test Standard
<p>LCD Display working</p> <ul style="list-style-type: none">- The LCD Display was able to successfully output text onto the display 	Nov 18, 7:24PM	1	<ul style="list-style-type: none">- Looking at the sensor- Try different texts to make sure that it was working for different types of characters

Temperature inputting and display

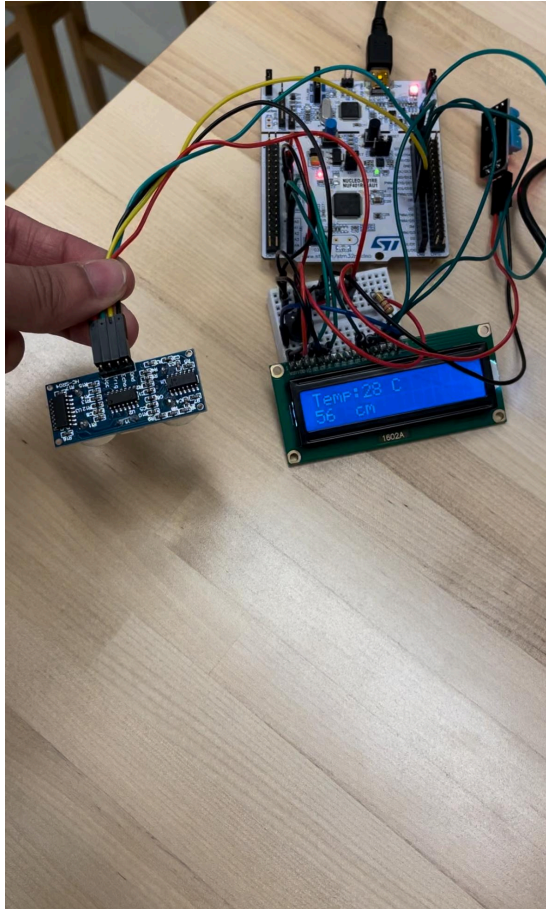
- The DHT11(temperature sensor) was successfully implemented and was able to display the current temperature to the LCD display(around 25 degrees)
- As the temperature changes(from breathing on the sensor), the display would adjust accordingly



Nov 19,
10:45PM

2

- Watch the sensor to check that it properly outputs the temperature
- Look at the thermostat in the room to see if the LCD correctly displayed that temperature
- Breathe on the sensor to check that the value of the temperature increases



The ultrasonic sensor was able to successfully register its initial value of the distance from the surface and display it on the LCD

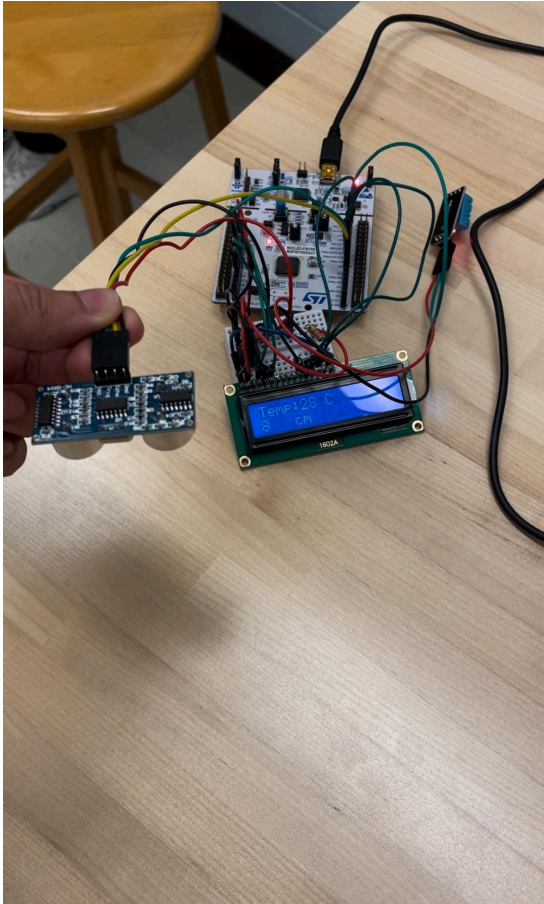
Nov 20,
5:31PM

5

- Look at the sensor to make sure it is accurately registering the proper distance
- Test different initial values and see if the LCD properly displays it

Ultrasonic sensor testing(water level detection)

- The HC-SR04 was successfully implemented into the system
- It could correctly display the distance from a surface and adjust accordingly on the LCD display as the sensor was moved up and down



Nov 20
6:42PM

5

- Watch the LCD display to make sure it is adjusting accordingly
- Move the ultrasonic sensor up and down to confirm that the number is being displayed correctly
- Has the correct units (cm)