Weather Sensor

Group #7 - CIS285 - 07/18/2022

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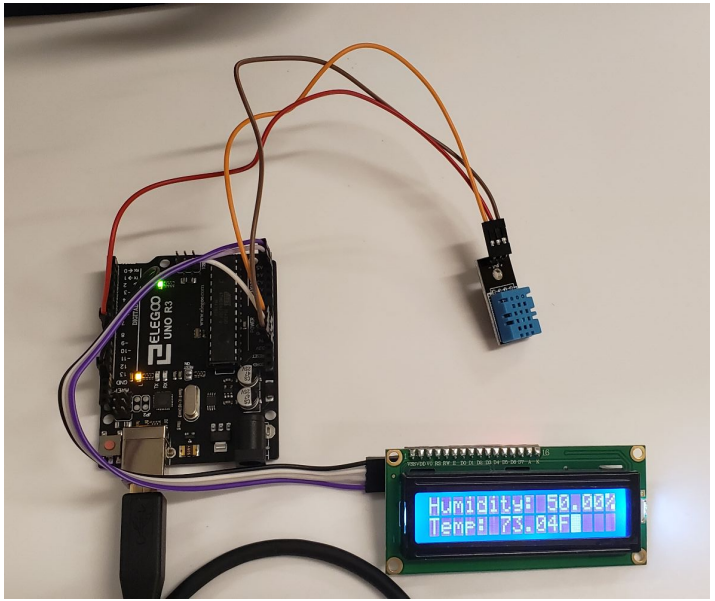
Overview

Using both hardware and software components, we built a weather sensor using Arduino.

The weather sensor updates every two seconds, reading temperature and humidity.

We can adjust the refresh rate (data read rate), which depends on the microprocessor's clock.

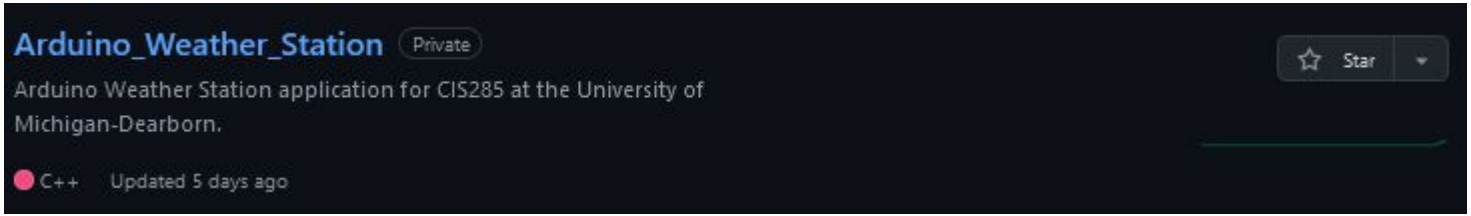
Language: C++



Software Engineering Tools

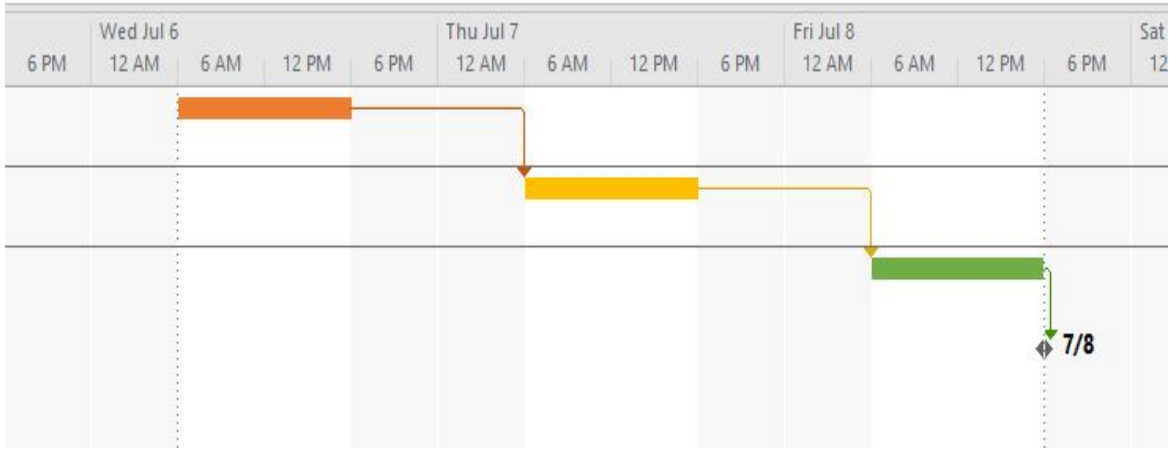
GitHub for collaboration and code improvement

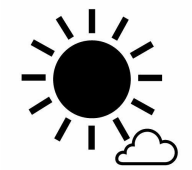
Gantt chart and backlog built using Microsoft Excel



Gantt Chart

Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
	Download and Install Arduino IDE	1 day	Wed 7/6/22	Wed 7/6/22		
	Test and Contol Weather Sensor	1 day	Thu 7/7/22	Thu 7/7/22	1	
	Test and Control LED Screen	1 day	Fri 7/8/22	Fri 7/8/22	2	
	Complete: Build Weather Station	0 days	Fri 7/8/22	Fri 7/8/22	3	





Take a look!