

Quest Rubric No: 2		7	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Periodic reporting of ultrasonic range in m	1	1	Ultrasonic is VERY noisy - could only tell it was working when they unplugged one of the other sensors
Periodic reporting of IR range in m	1	1	
Periodic reporting of temperature in C	1	1	
Results displayed at host as text	1	1	Not clear if in console (or more csv file...)
Results graphed at host continuously based on reporting period	1	1	Graph squishes as data rolls up. Not ideal
Demo delivered at scheduled time and report submitted in team folder with all required components	1	1	
Investigative question response	1	1	Supported by observations.
Total objective criteria		7	7
Qualitative criteria	Rating	Max	Comments
Quality of solution	4	5	All sensors had a lot of spikes/noise - ultra was unreadable, other two were fine; nice graph updating seamlessly every 500ms via AJAX request; data from the ESP every second; NOT smoothing/averaging data on the ESP (or Node side)
Quality of report.md including use of graphics	3	3	
Quality of code reporting	3	3	Good commenting
Quality of video presentation	3	3	
Total qualitative criteria		13	14
Quant Weight (75)	75.0	75	
Qual Weight (25)	23.2	25	
Total Score	98.2	100	
Rank (1-5)	1	5	
Comments			
Gupta and Faller demoing. Possible improvements in the graphing and in the ultrasonic performance.			