

Quest Rubric No: 2		16	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Periodic reporting of ultrasonic range in m	1	1	All demonstrated on camera
Periodic reporting of IR range in m	1	1	All demonstrated on camera
Periodic reporting of temperature in C	1	1	All demonstrated on camera
Results displayed at host as text	1	1	
Results graphed at host continuously based on reporting period	1	1	Gathering ESP data every 2 seconds; updating display every 1 second; clearing CSV every 30 seconds (to keep it small); graph refreshes (obviously) every 2 seconds
Demo delivered at scheduled time and report submitted in team folder with all required components	1	1	
Investigative question response	1	1	Well reasoned - sticking with the ultrasonic
Total objective criteria	7	7	
Qualitative criteria	Rating	Max	Comments
Quality of solution	4	5	Very nice: had it running on both a laptop and Rpi as Node server; had 3 separate graphs; using client timeout to make AJAX request every second (rather than Socket.io); good sensor performance
Quality of report.md including use of graphics	3	3	Excellent report
Quality of code reporting	3	3	
Quality of video presentation	3	3	Had all the required elements+
Total qualitative criteria	13	14	
Quant Weight (75)	75	75	
Qual Weight (25)	23.2	25	
Total Score	98.2	100	
Rank (1-5)	2	5	
Comments			
Sullivan does the demo. Demoed with laptop and with pi as server. Video did not let the graph run for very long.			