Quest Rubric No: 2	2		

Objective criteria (0/1, 1=met)	Rating	Max	Comments
Periodic reporting of ultrasonic range in m	1	1	Reporting in cm; said will fix for report/video. Cm fixed
Periodic reporting of IR range in m	1	1	Reporting in cm; said will fix for report/video; IR consistently 10% higher distance reporting than ultrasonic
Periodic reporting of temperature in C	1	1	
Results displayed at host as text	1	1	
Results graphed at host continuously based on reporting period	1	1	All 3 data points on same graph; graph needs second scale (once distances reported in meters); (FIXED) graph is noisy at start-up - extra lines and noise (not related to sensor readings) for first 20-30 seconds
Demo delivered at scheduled time and report submitted in team folder with all required components	1	1	
Investigative question response	1	1	Felt the IR was more responsive and preferred it
Total objective criteria	**7**	**7**	

Qualitative criteria	Rating	Max	Comments
Quality of solution	4	5	Using python to receive ESP values and save to CSV, then Node to read CSV and update graph - which seems fine, except the python/Node crashes every 90 seconds or so and has to be restarted - said they will try to fix it for the report/video; sensor data is using 10 value/sec averaging and outputting values every 2 seconds; web page uses AJAX to refresh graph every second. Appears fixed in demo.
Quality of report.md including use of graphics	3	3	
Quality of code reporting	3	3	
Quality of video presentation	2	3	Good array of speaking elements. Considering using tripod -- some video is handheld. You could mix in some sketches on a whiteboard to illustrate some of the technical points described orally.
Total qualitative criteria	**12**	**14**	

Quant Weight (75)	75	75	
Qual Weight (25)	21	25	
Total Score	**96**	100	
Rank (1-5)	3	5	

Comments

Cherian demoing this one. Thanks for calling out the fixes in the report. The crashing of safari is a little disconcerting and suggests a lingering issue.