

Quest Rubric No: 3		16	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Measures acceleration, temperature	1	1	Sleep mode on accelerometer
Displays real-time data (temperature, vibration) at remote client via portal using separate IP network.	1	1	Separate charts for each data item, all update every 2 sec.
Controls LED on box from remote client via portal.	1	1	Includes intensity 0-9
Sources web cam video into remote client.	1	1	
ESP32 and Rpi are connected wirelessly to (or as) router; ESP32 sensor data are delivered to local node server (on local laptop or Rpi)	1	1	
Demo delivered at scheduled time and report submitted in team folder with all required components	1	1	
Investigative question response	1	1	Thorough solution.
Total objective criteria		7	7
Qualitative criteria	Rating	Max	Comments
Quality of solution	4	5	DJ demoing
Quality of report.md including use of graphics	3	3	
Quality of code reporting	3	3	
Quality of video presentation	3	3	Keeping sane during the lockdown.
Total qualitative criteria		13	14
Quant Weight (75)	75	75	
Qual Weight (25)	23	25	
Total Score	98	100	
Rank (1-5)	3	5	
Comments			
Sampling every 32s. Morel demo. The writeup is good and meets spec. No extra bells and whistles.			