

Quest Rubric No: 3		2	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Measures acceleration, temperature	1	1	2 charts - 1 temp, 1 XYZ. Some flakyness with the Z channel for unknown reason
Displays real-time data (temperature, vibration) at remote client via portal using separate IP network.	1	1	Data does not persist across browser refresh.
Controls LED on box from remote client via portal.	1	1	LED status (of button) doesn't sync across browser clients (button can show wrong LED state if another client changed LED state). Updates every 2 sec
Sources web cam video into remote client.	1	1	Not in same window
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	RPi as server
Demo delivered at scheduled time and report submitted in team folder with all required components	1	1	Extension granted
Investigative question response	1	1	
Total objective criteria	7	7	
Qualitative criteria	Rating	Max	Comments
Quality of solution	3	5	Fixed some of the issues in the first version.
Quality of report.md including use of graphics	3	3	Possible improvement if add sketches of code or system architecture
Quality of code reporting	1	3	Code repo does not contain all code. Only ESP part
Quality of video presentation	3	3	Good video editing. Works well
Total qualitative criteria	10	14	
Quant Weight (75)	75	75	
Qual Weight (25)	18	25	
Total Score	93	100	
Rank (1-5)	4	5	
Comments	Extension for submission. Good effort to resolve issues that arose during debugging.		