Quest Rubric No: 3		9		
Objective criteria (0/1, 1=met)	Rating	Max	Comments	
Measures acceleration, temperature, and battery level	1	1	Only updates when data received from ESP - when data stalls (due to network issues), graphs just stop updating	
Displays real-time data (temperature, vibration, battery level) at remote client via portal using separate IP network.	1	1	Only works periodically - seems like local network issues	
Controls LED on box from remote client via portal.	1	1	Able to control LED and send it an intensity,	
Sources web cam video into remote client.	1	1	Camera on separate port/URL we have to access separately (rather than via a single URL)	
Successfully bring up Rpi as wireless access point. 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	Node server running on laptop rather than Pi	
Demo delivered at scheduled time and report submitted in team folder with all required components	1	1	Demoed on time	
Investigative question response	1	1	In Report	
Total objective criteria	**7**	**7**		
Qualitative criteria	Rating	Max	Comments	
Quality of solution	3.5	5	Can provide intensity for LED, seperate graphs, webcam is not on same webpage,	Zhao demoing
Quality of report.md including use of graphics	3	3	Nice detailed reporting	
Quality of code reporting	3	3		
Quality of video presentation	3	3		
Total qualitative criteria	**12.5**	**14**		
Quant Weight (75)	75	75		
Qual Weight (25)	22	25		
Total Score	**97**	100		
Rank (1-5)	1	5		
Comments				