

Quest Rubric No: 5		3	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Controls steering to maintain center of course +/- 25cm for entire length		1	
Uses PID for speed control holding a fixed speed setpoint after startup and before slowdown [0.1-0.4 m/s]		1	
Stops within 20 cm of end without collision		1	
Start and stop instructions issued wirelessly from phone, laptop or ESP)		1	
Measures wheel speed or distance		1	
Uses alpha display to show current distance or speed		1	
Successfully traverses A-B in one go, no hits or nudges		1	
Total objective criteria	0	7	
Qualitative criteria	Rating	Max	Comments
Quality of solution		5	
Quality of report.md including use of graphics		3	Some gaps -- missing contributions -- in the report. Not very detailed.
Quality of code reporting		3	
Quality of video presentation		3	No linked video
Total qualitative criteria	0	14	
Quant Weight (75)	0	75	
Qual Weight (25)	0	25	
Total Score	0	100	
Rank (1-5)		5	
Comments			
Solution is not complete as of 12/7/20. Extension requested			