Quest Rubric No: 4		1	

Objective criteria (0/1, 1=met)	Rating	Max	Comments
Controls steering to maintain +/- 15cm from track center	1	1	
Uses PID for speed control holding a fixed speed setpoint after startup and before slowdown [0.1-0.4 m/s]	1	1	
Stops within 20 cm of end without collision	1	1	
Start and stop instructions issued wirelessly from phone, laptop or ESP	1	1	
Measures wheel speed	1	1	
Uses alpha display to show current speed	1	1	
Successfully traverses A-B in one go, no hits or nudges	1	1	
Total objective criteria	7	7	

Qualitative criteria	Rating	Max	
Quality of solution	4	5	Driving could use a little tuning, but meets the objective specs as outlined.
Quality of report.md including use of graphics	3	3	The graphics (sketched on the board are good)
Quality of code reporting	3	3	
Quality of video presentation	3	3	
Total qualitative criteria	13	14	

Quant Weight (75)	75	75	
Qual Weight (25)	23	25	
Total Score	98	100	
Rank (1-4)	2	1	

Comments

Link to video demo is broken. Now fixed.

Waiting on demo video 4/19/23 (now complete)