

Quest Rubric No: 4		7	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Uses PID for speed control holding a fixed speed setpoint after startup and before slowdown	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 elapsed time	1	1	
Successfully traverses A-B or B-A in one go, no hits or nudges, no collisions	3	3	Does both directions self-drive mode.
Successfully reverses direction (auto or remote control), no hits or nudges	1	1	Uses turn function, multiple iterations
Total objective criteria		9	9
Qualitative criteria	Rating	Max	
Quality of solution	5	5	
Quality of summary readme.md including use of graphics	3	3	Very good report. Detailed, comprehensive.
Quality of code reporting	3	3	
Quality of video presentation	3	3	
Total qualitative criteria		14	14
Quant Weight (75)	75	75	
Qual Weight (25)	25	25	
Total Score	100	100	
Rank (1-4)	1	1	
Comments			
Your demo showed excellent performance (best in class). This is great work. Documentation was very good.			