

Quest Rubric No: 4		2	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Uses PID for speed control holding a fixed speed setpoint after startup and before slowdown	0	1	
Stops within 20 cm of end without collision	1	1	Yes
Start and stop instructions issued wirelessly from phone, laptop or ESP	1	1	Was running w/o wires in video
Measures wheel speed	1	1	Hard to tell
Uses alpha display to show elapsed time	1	1	Saw this live I think
Successfully traverses A-B or B-A in one go, no hits or nudges, no collisions	2	3	Not clear from the video.
Successfully reverses direction (auto or remote control), no hits or nudges	1	1	Not very convincing.
Total objective criteria		7	9
Qualitative criteria	Rating	Max	
Quality of solution	3	5	
Quality of summary readme.md including use of graphics	3	3	Please scale your images. Too big.
Quality of code reporting	3	3	Please put names in code.
Quality of video presentation	2	3	The demo was not very informative. Tech presentation was good.
Total qualitative criteria		11	14
Quant Weight (75)	58	75	
Qual Weight (25)	20	25	
Total Score	78	100	
Rank (1-4)	3	1	
Comments			
You had all the right pieces but the demo didn't really deliver good performance.			