

Quest Rubric No: 4		7	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Uses PID for speed control for setpoint of [0.1-0.4 m/s]	1	1	
Stops within 10 cm of end	1	1	
Drives in center of track +/- 25cm	1	1	Two IR sensors on the same side. The car goes straight but hit the wall occasionally
Successfully traverses A-B in one go, no hits or nudges	1	1	
Uses console or alpha display to show current position or speed as diagnostic	1	1	
Controlled remotely, start and stop	1	1	
Investigative question response	1	1	
Total objective criteria		7	7
Qualitative criteria	Rating	Max	Comments
Quality of solution	4	5	
Quality of report.md including use of graphics	2	3	Still could use more detail in graphics (in the report)
Quality of code reporting	3	3	
Quality of video presentation	3	3	Good
Total qualitative criteria		12	14
Quant Weight (75)	75.0	75	
Qual Weight (25)	21.4	25	
Total Score	96.4	100	
Rank (1-5)	3	5	
Comments			
Works well.			