Quest Rubric No: 5	**7**		
Objective criteria (0/1, 1=met)	**Rating**	**Max**	**Comments**
Controls steering to maintain center of course +/- 25cm for entire length	1	1	Purple car. IR on the left side
Uses PID for speed control holding a fixed speed setpoint after startup and before slowdown [0.1-0.4 m/s]	0.5	1	Not really a PID loop. Not using PID design pattern.
Stops within 20 cm of end without collision	1	1	
Start and stop instructions issued wirelessly from phone, laptop or ESP)	1	1	LED indicators
Measures wheel speed or distance	1	1	Wheel speed
Uses alpha display to show current distance or speed	1	1	
Successfully traverses A-B in one go, no hits or nudges	1	1	
Total objective criteria	**6.5**	**7**	
Qualitative criteria	**Rating**	**Max**	**Comments**
Quality of solution	5	5	Good solution with the purple car
Quality of report.md including use of graphics	3	3	
Quality of code reporting	3	3	
Quality of video presentation	3	3	
Total qualitative criteria	**14**	**14**	
Quant Weight (75)	70	75	
Qual Weight (25)	25	25	
Total Score	**95**	100	
Rank (1-5)	2	5	
Comments			
Good performance for the purple car.			