Quest Rubric No: 5	**16**		
Objective criteria (0/1, 1=met)	**Rating**	**Max**	**Comments**
Controls steering to maintain center of course +/- 25cm for entire length	1	1	When it is in the correct initial position, it maintains it very well. If it starts off of center, it steers to get back to center, but over-corrects and swings back and forth
Uses PID for speed control holding a fixed speed setpoint after startup and before slowdown [0.1-0.4 m/s]	1	1	When the speed exceeds their threshold, the code will be over-agressive in reducing speed and the card will periodically stop for half a second before resuming; overall maintained speed as an average
Stops within 20 cm of end without collision	1	1	
Start and stop instructions issued wirelessly from phone, laptop or ESP)	1	1	Local network only, but works as advertised in a browser from a separate laptop
Measures wheel speed or distance	1	1	Measures and displays wheel speed
Uses alpha display to show current distance or speed	1	1	Measures and displays wheel speed
Successfully traverses A-B in one go, no hits or nudges	1	1	Yep! Twice
Total objective criteria	**7**	**7**	
Qualitative criteria	**Rating**	**Max**	**Comments**
Quality of solution	4	5	Functionally sound. You expressed concerns in the video but this works in terms of the limited runs
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	**13**	**14**	
Quant Weight (75)	75	75	
Qual Weight (25)	23	25	
Total Score	**98**	100	
Rank (1-5)	1	5	

Comments

Cameron demoing. Works pretty well in the video (relative to other teams).