Final Project Grading Rubric

Group: _____ Run: ___ Score: */100%* **Judge:** _____ Date: _____

I. Dance Routines (30%)	Pts	Score	II. Line Following (20%)	Pts	Score
Routine 1 trigger (Blue Triangle only)	5%		Segment 1 to target 1	10%	
Routine 2 trigger (Green Square only)	5%		Segment 2 to target 2	10%	
Routine 1 execution (60+ sec)	10%				
Routine 2 execution (60+ sec)	10%		**III. Red Marker Stop (20%)**	**Pts**	**Score**
Spin bonus (1.5% each, max 7.5%)	+7.5%	*Spins:___*	Automatic stop via ROS	20%	
			Partial: Detection demo	5%	

IV. LCD Display (20%)	Pts	Score	V. Additional & Penalties	Pts	Score
Routine 1 display (2+ sec pre-dance)	2.5%		MAC address display	2.5%	

IV. LCD Display (20%)	Pts	Score	V. Additional & Penalties	Pts	Score
Routine 2 display (2+ sec pre-dance)	2.5%		Human assist (per occurrence)	-5%	
Creative visuals/animation	10%		No return to line after R1	-5%	
Synchronization with dance	5%		Early routine start	-2%/routine	
			Overshoot red marker	-10%	
			Line lost >5 seconds	**DQ**	

Scoring Summary

Component	Max	Score	Component	Max	Score
Dance	30%		Red Marker	20%	
Line Follow	20%		LCD	20%	
MAC	2.5%		Spin Bonus	+7.5%	
Subtotal	**92.5%**		**Penalties**	**-___**	
			FINAL	**100%**	____

Rules

Setup: 2 terminals max • MAC verified • 3 attempts, best counts • DQ if line lost >5sec
Spins: R1 only, +1.5% each (max 7.5%), must return to line • **Red:** 0% no stop, 5% demo logic
LCD: 2+ sec display after cue, before dance • **Tie:** Shortest loop time (start→red stop)

Notes: _____