

Task	Assigned To	Progress	Start	End	Days	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W
Mechanical					Tae and Ginny																												
Decide route to be taken		70%	3/11/22	6/11/22	4																												
Decide on wheel setup		90%	3/11/22	6/11/22	4																												
Decide robot size and basic arrangement		80%	3/11/22	8/11/22																													
Cardboard mock-up		70%	7/11/22	9/11/22																													
CAD for various components		20%	7/11/22	11/11/22																													
Detmine block pick-up and drop method		20%	12/11/22	16/11/22	5																												
Electrical					Will and TJ																												
Determine which wheels/servos will be needed		80%	3/11/22	7/11/22	5																												
Get the line sensors to work		100%	3/11/22	8/11/22	6																												
Get the robot to follow a line reliably using the line sensors		0%	8/11/22	9/11/22	2																												
Determine how the robot will detect and sort blocks		0%	8/11/22	10/11/22	3																												
Create rough layout diagram		25%	14/11/22	17/11/22	4																												
Create rough circuit diagram		0%	14/11/22	17/11/22	4																												
Software					Lev, Luke and Talha																												
Learn Arduino		80%	3/11/22	7/11/22	5																												
Program Motor Control		80%	7/11/22	7/11/22	1																												
Program route around table		30%	7/11/22	15/11/22																													
Block detection software		0%	8/11/22	14/11/22	7																												
Block sorting software		0%	13/11/22	18/11/22	6																												
Adding redundancies and updating code		0%	19/11/22	23/11/22	5																												
Testing feasibility of different means of detection		0%	14/11/22	18/11/22	5																												
Integration together					Everyone																												
Assemble robot			20/11/22	23/11/22	4																												
Testing			23/11/22	26/11/22	4																												
More testing			27/11/22	28/11/22	2																												
even more testing			29/11/22	30/11/22	2																												
Competition time!			29/11/22	30/11/22	2																												

							3 Nov 2022							10 Nov 2022							17 Nov 2022							24 Nov 2022						
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