



## RISK REGISTER FOR EMBEDDED SYSTEMS PROJECT

Group Number:	1		Submission Date:	05/11/2020		
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Project Risk	Severity			Potential			Score (Severity x Potential) L=1, M=2, H=3	Mitigation Measures	Owner
	L	M	H	L	M	H			
Water damage to circuit							6	Have no liquids near the electronics	Student
Overload motor with high current, causing motor to overheat							2	Limit the current to the motor	Student
Fumes while soldering							6	Have a proper ventilation while soldering	Student
Tripping over obstacles in the lab							2	Remove obstacles from walking path	Student
Damaging buggy by dropping it							2	Handle buggy carefully	Student
Delay in ordering parts							4	Order parts early	University of Manchester
Risk of contracting coronavirus							3	Practice social distancing and wear face covering	Environment
Faulty motor							2	Learn skills when they are needed	University of Manchester
Lack of skills/knowledge							2	Research more	Student
Weather on test day affecting test							1	Check forecast	Environment
Limit in resources							2	Collect resources prior to building	University of Manchester
Lack of communication							3	Attempt to communicate well as a team - bonding	Student
Collision of the buggy with another buggy							1	Do not simultaneously race buggies	Student
Improper construction of buggy							2	Check buggy works well and test	Student
Burns from soldering iron							4	Don't hold the soldering iron tip and wear gloves	Student

We confirm that all group members participated in the production of this risk register: Yes