

Ref	Description of Risk	Likelihood	Seriousness	Grade	Change	Actions
1	Faulty Components	L	H	C	-	Order multiple components incase they break/are broken
2	Third party involvment	M	M	C	-	Time allocated in Gantt for delays in fabricating PCB
3	Incompatible Components	L	H	C	-	Care taken to choose components that will interface together (use same protocols etc)
4	Team Member unavailability	L	M	D	-	Each member must document their work so another member can take over in their absence
5	Missing Deadlines	M	H	B	-	Adhere to Gantt chart and weekly progress meetings to mitigate this risk
6	Issues Debugging PCBs	H	M	B	-	Emphasised the difficulties that can arise here. Fabricate PCBS ASAP to leave time for debugging (reflected in Gantt)
7	Data Loss	M	H	B	-	Use git and google dox to retain revision history and ensure that no data is lost
8	High voltage accidently applied to PCB	L	H	C	-	Add in appropriate zener diodes and associated circuitry to deal with larger voltages and ESD protection