

External Risks					
Risk	Mitigation	Likelihood	Impact	Score	Notes
Large 3D printing queue at BRL as other projects start	Start early	3	4	12	Already happens at queens and there are large queues at BRL
No space in BRL for the larger aquarium	Reduce the size of swarm, use table top aquarium	3	2	6	Through talks with supervisor
No time left for building specialised robots	Remove propulsion system from few of the existing ones.	3	2	6	Can't be swapped with other experiments as it is dependent
Slower Autocad learnering curve. (Current level: Intermediate)	Start early	1.5	4	6	How likely is it that learning autocad is slow?
Electronic parts arrival	Parallelise with other tasks.	2	3	6	Order them as soon as things get fixed
Research Problem risks					
CPG control can't be trained	Manually tweak oscilator gains	2	4	8	Likelihood is low because that same has been implemented in the Intellegent Adaptive Systems module Coursework
Robots are not waterproof	Keep circuits above the surface	2	3	6	Circuits can be removed easily from robot and hanged on aquarium gantry
RTS fails	Use cloiling ropes	2	2	4	Many alternative are already being discussed with the supervisor
Electronic parts arrival	Parallelise with other tasks.	2	3	6	Order them as soon as things get fixed