

### Risk Assessment

ID	Risk	Risk description	Response	Objective	Likelihood	Impact	Risk level
1	Computer malfunction	If my computer was to malfunction it would prevent me from working on my project.	Make sure computer has antivirus installed. Save work regularly and have access to a backup computer.	To reduce risk of computer malfunction and if necessary have an alternative device to continue work.	Low	High	7
2	Internet failure	In the event of internet failure, connectivity to the remote repo is not possible causing delays and prevention of progress.	Ensure there are backup ways to connect to the internet such as mobile hotspot or alternative Wi-Fi access.	To guarantee continuation of the project in case of primary internet connection failure.	Medium	High	8
3	Hardware & software performance	If the front-end or back-end programs used for the project are not functional it would prevent completion of the project.	Ensure hardware is not outdated and all software is authentic and updated.	To minimise risk of hardware/software malfunction and be able to carry out project.	Low	High	7
4	Loss of work	In the case of the work being deleted, corrupted or inaccessible would lead to delays in projection completion.	Save and commit work regularly. Utilise external hard drive and cloud storage to backup work.	To not lose work completed, prevent having to redo tasks and allow fluent progression of work.	Low	High	7
5	Illnesses/RSI injuries	Illnesses would prevent me from working on the project, causing delays. RSI injuries like headaches, back pain and eye strain are likely to occur whilst working on a computer for extended times which would reduce efficiency and ability to perform well.	Have a healthy diet and rest well to minimise risk of illness. Take regular breaks drink plenty of water and ensure workstation is comfortable and supportive to posture.	To stay healthy and able to perform at the highest level possible.	Medium	Medium	5

6	Fatigue	Sitting for prolonged periods can cause mental and physical fatigue which is hazardous to health and will reduce efficiency.	Have a healthy work life balance to minimise fatigue and take regular breaks.	To maintain consistent progress by eliminating mental and physical fatigue.	Medium	Medium	5
7	Computer malfunction	If my computer was to malfunction it would prevent me from working on my project.	Make sure computer has antivirus installed. Save work regularly and have access to a backup computer.	To reduce risk of computer malfunction and if necessary have an alternative device to continue work.	Low	High	7
8	Tutor/support not available	In the case of tutor not being available due to illness, booked leave or other responsibilities, it would prevent certain tasks from being completed causing delays and errors.	Utilise online services such as QA community, saved files/recordings from classes as well as previous work done.	To make sure plenty of support and useful material is available throughout project.	Medium	Medium	5
9	Poor time management	Poor time management would lead to tasks being incomplete or faulty resulting in requirements not being met.	Take advantage of JIRA to plan and manage the entire project.	To allow consistent work progression and have plenty of time to complete the project to its full potential.	Low	Medium	4

### Risk Assessment matrix

		Impact		
		Low	Medium	High
Likelihood	Low	1	4	7
	Medium	2	5	8
	High	3	6	9