

Risk	Explanation	Approach	Goal	Impact	Probability of occurrence	Risk level Probability x loss size
Wrong time estimation	Underestimating the time it takes to finish something could lead to the project not being finished by the deadline	Planning ahead with a detailed schedule	This will help to keep everything in check, so time doesn't run out	Moderate	2	6
Unexpected scope expansion	Adding on extras that may or may not be needed could result in an unfinished project by the deadline	Having backups of code that are fully functional and can be uploaded on their own	Give something to upload when the deadline comes	Moderate	2	6
Improper planning	Not planning out all tasks could lead to important things being missed out or forgotten about	Making a checklist of all tasks that must be finished by the deadline	Will help to keep on top of everything that needs to be done	Critical	3	12
Complex implementations	Complex code could break the whole application and make it difficult to get it running again	Having backups of the code once the initial project is finished in case new implementations don't work	Will help to keep finished and unfinished separate so the workflow is efficient	Moderate	1	3
Procrastination	Procrastination can take up a lot of time doing nothing resulting in loss of time	Taking breaks when losing concentration and making sure to have proper winding down time in the evening	Will improve concentration	Insignificant	3	3

Broken code	Can lead to stress and hours of debugging that may not get done by the deadline	Be sure to ask for help when a problem seems completely unfixable instead of trying to work on it alone for days	Will decrease stress and utilise time better	Critical	2	8
Internet outage	Due to being unable to research or even upload the code, it can lead to running over the deadline	Be sure to have a backup plan like a second source of personal internet or availability to work in a café/library	Time will not be wasted	Catastrophic	1	5
Breaking computer	Can lead to data or code being lost, or project not being uploaded in time	Be sure to test your computer under these conditions before the sprint starts to understand whether it can handle the weight	Avoids the possibility of it breaking at all	Catastrophic	2	10
Repetitive strain	Can cause pain in hands, wrists or eyes and make it harder to finish the work	Be sure to take breaks and do strengthening exercises like using stress balls and looking long distances	Will improve comfort and health	Critical	3	12
Migraines	Can make it difficult to look at the screen and therefore take longer to finish the work	Be sure to take breaks, and find hobbies that don't include a screen when not working	Will improve comfort and health	Critical	4	16
Loss of data	Can lead to detrimental parts of the project stop working	Be sure to constantly back up all information	Makes sure time isn't wasted with repossession of data	Catastrophic	4	20

		so that it can easily be brought back				
Insufficient memory	Can lead to an unfinished project	Be sure to clear off your hard drive or get a new one if you know the project will be big	Decreases the risk to the project	Minor	2	4

Impact

Probability

	Insignificant	Minor	Moderate	Critical	Catastrophic
1	low	low	low med	medium	medium
2	low	low med	medium	medium	medium
3	low med	medium	medium	medium	high med
4	medium	medium	medium	high med	high
5	medium	medium	high med	high	high