

Risk analysis

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v1.0

No.	Risk description	Probability (1-10)	Impact	Possible causes	Possible recovery / action required	Prevention
1.	Hardware failure (storage disk / power supply / computer)	3	Potential to lose parts of the data slowing the overall project progression	Bad maintenance of the hardware. Aging of the hardware	Retrieve the latest backup copy of the data and advance from there	More frequent backups will significantly reduce the amount of work lost if such failure occurs.
2.	Software failure (Microsoft office / programming software)	5	Potential to lose parts of written work or code, slowing the overall project progression	Defective software. Software not up to date	Attempt to revive the last session. Retrieve the latest backup copy of the work and progress from there	Update the software on regular basis. Test the software beforehand
3.	Data not maintained properly	4	Possibility of data getting lost resulting in regression of the project	Lack of communication within the group. Individual members not maintaining data	Attempt to retrieve the lost data and take actions necessary to prevent the same cause from occurring in the future	Perform regular checks to see if the data has been maintained properly by other group members

4.	Alteration of initial project idea	7	Other parts of the program might be affected therefore extra work will be required.	Not enough initial research was done. New and improved idea emerged	Adapt the currently existing program to support the changes and update the documentation to support it	Spend time doing lots of research initially. Program smartly and efficiently allowing for easy adaptation or addition of new and improved features
5.	Solution is too complex to implement	5	Some features of the program might have to be dispersed.	Initial idea was not analysed thoroughly	Adjust the project to make sure it is up to standard and the group does not slow the entire progress down.	Research about the possible ways of implementing the program and perform changes to the idea / initial plan in order to lower the overall solution complexity
6.	Group member's illness or injury	3	Group will temporarily be reduced in size resulting in slower progression and lower performance	Unrelated	Split the work evenly between the remaining of the group members.	Unrelated
7.	Disagreements within the group	6	The Progress may be slowed down until the disagreements are solved.	One or more group members doesn't want to follow the agreed plan.	Consult with the supervisor and try to come up with a solution together	Discuss the project thoroughly beforehand
8.	Bad/Wrong time estimation	8	This may cause not meeting the deadlines.	Unreal expectations from individual members of the group	Help from another member of the group.	Be realistic about your abilities and skills.