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| Risk | Probability  (1 Low Likelihood – 5 High Likelihood) | Impact  (1 Low Impact – 5 High Impact) | Impact on Project | Prevention |
| Poor time management | 3 | 5 | Work is completed in a rush at the last minute or isn’t completed at all. | Ensure all group members know what tasks they must complete and when by, as well having a planned-out project timeline. |
| Poor group communication | 2 | 4 | Group members don’t know what task they should be doing or how, which will result in missed deadlines and perhaps two members working on the same task unintentionally. | Have regular group meetings to ensure all is on track and members know what they are doing as well as having multiple modes of communication (i.e. WhatsApp group). |
| Bugs in the code | 5 | 1 | The program will not run correctly and may crash if curtain conditions are met. | The group has a tester whose primary role is to identify any issue within the code and fix them. |
| Not meeting all the requirements | 2 | 5 | The project will not meet the specification resulting in a low grade. | Thorough planning of the project before it goes into development as well as occasional reviews of the program to ensure all requirements are being met. |
| Group member being ill or having personal issues | 3 | 3 | Their tasks may not be completed on time or to a poor standard. | Allocation of extra time to the tasks they are working on or in more extreme cases passing their tasks to another group member. |
| Losing a group member | 1 | 5 | The work load on all other members of the group would suddenly increases which would result in a lower quality of work and disorganisation. | Ensure good communication within the group so if a member does have to leave the group a new plan is in place reallocating responsibilities by the time they do leave. |
| Failure to balance multiple university projects | 3 | 4 | Lacklustre or poor-quality work would be submitted alongside likely missed deadlines. | Ensure deadlines clash as little as possible with those of other projects as well as regular meetings keeping track of progress. |
| Issues in the code from multiple people coding the same software | 4 | 3 | A group member my struggle to read the code created by another member and different parts of the code may have compatibility issues resulting in errors when it is run. | All group members should look over the existing code to ensure they don’t create any new functions, classes, etc which already exist. As well as ensuing all members are annotating their code and not using magic numbers. |
| Group members falling out | 2 | 4 | Communication will break down and continuing conflict will lead to multiple deploys. | Ensure the project manager is approachable so if any issues do arise, they can get them resolved before they become and issue. |
| Loss of code or documentation | 2 | 5 | The project would fall massively behind as work would have to be redone from memory while current tasked would have to be put on hold. | Ensure all work is backed up on GitHub at the very least as well as having any alterations be commented so they can be undone if they caused a major issue. |
| Poor contribution from a group member | 1 | 4 | The project would fall behind schedule as their unfinished work piled up as well as creating a more stressful environment for the other group members. | The member should be requested to explain and unless a good reason is given such as illness or personal issue, they should be given a warning and if this happens three times it will be taken to the module leader. |