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| Risk | Response Strategy | Likelihood of Risk | Impact | Risk Level |
| Time management | Some work should be done regularly and updates to the project should be done more frequently so that it does not fall behind. Failure to adhere to this can result in a larger workload closer to the deadline which can cause errors and requirements not being met. | Moderate | High | Moderate |
| Compromising on designs | Since designing is the most critical part of software development, ample time should be taken when going over this. Failure to adhere to a proper design process can lead to a lack of understanding of the requirements and in turn can result in catastrophic risks. | Low | Very high | Catastrophic |
| Sudden growth in requirements | As the project progresses, issues that were not identified earlier can sometimes create problems towards the end of a project. To minimise this risk, when designing the project, it is better to think big and include every little detail. It is better to anticipate the worst-case or heaviest-use scenarios so that if something does become apparent later on, it shouldn’t pose too much of a risk. | Low | Moderate | High |
| Security | IP addresses and sensitive variables should not be exposed to the open internet (code on GitHub). These variables and IP addresses should be hidden (possibly in environment variables). Failure to adhere to proper security can breach your entire project and can allow access to malicious actors. | Low | Very high | Catastrophic |
| Data breach on workstation | Keep strong passwords and possibly a password manager for all your services. Remember to log off e-services when not in use. Failure to adhere to this can lead to a workstation being compromised which can then result in a breach in security and possibly severe progress loss. | Low | Catastrophic | Catastrophic |
| Poor implementation of technologies | Make sure to understand the technologies being used thoroughly so that all the configuration required can be done in the proper method. Failure to adhere to this can lead to a poor implementation which can result in the entire project not functioning correctly which would mean a complete failure for the entire project. | Moderate | Catastrophic | Catastrophic |
| Procedural risks | Day to day work and conflicting priorities can hinder the project. To minimise this risk, some or little work at the least should be done each day without fail so that even when you do have a large workload some days, the project is still being worked on regardless. | High | Moderate | Moderate |