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| Risk | Risk Statement | Response strategy | Objectives | Likelihood | Impact | Risk Level |
| GitHub | Any source code pushed to GitHub could potentially contain information that hackers would find useful when trying to a maliciously alter the project. The source files could potentially contain hard-coded login credentials which could allow for data leaks. | Use stronger passwords and usernames than just “admin” or “root”, and keep them regularly updated. | Reduce the likelihood of hacking and data leaks. | Medium | High | Medium-to-High |
| Illness | Illness may occur and may cause work to be delayed because of lack of productivity. This might be caused because of the corona virus outbreak pandemic. | Rest when appropriate and do not over work the body. Try to not do work outside working hours and rest when it is needed. | Reduce the likelihood of getting sick and dropped productivity. | High | High | High |
| GCP Issues | If the cloud goes down or is unavailable at any point this could affect the progress of the project since the database is going to be hosted on it. | Make a copy of the database onto a system so it doesn’t get lost. | Reduce the loss of data and the database | Low | High | Low |
| Lack of project scope | If the scope of the project isn’t understood then some aspects of the project will not be implemented properly. This could also affect the completion of the project in terms of trying to implement aspects that are not necessary. | Understand what exactly is needed to complete the project to at least the Minimum Viable Product (MVP) | Reduce likelihood of missing the scope. | Medium | Medium | Medium |
| Lack of Planning | Lack of planning during the project will slow progress of the project. The lack of planning can also cause some of the key aspects of the project to be left out. Some aspects of the project can also be left out due to running out of time if not planned properly. | Make a clear plan on what needs to be done and how each is meant to be done so that each thing can be successfully completed. | Reduce likelihood of project not being completed or key aspects missing. | Medium | High | Medium-to-High |
| Laptop issues | Issues with the laptop being used to do the project possess a problem for the project because if the laptop does not function well enough it can slow down the progress and ultimately cause the project to not be completed on time. | Try to have only necessary programs running on the system while working on the project so as to allow the project to have enough processing power and RAM | Reduce the likelihood of files and data loss during the completion of the project and to reduce the time taken working on the project and hence allowing the project to be completed on time. | Medium | Medium | Medium |
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