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| Risk | Risk Statement | Response strategy | Objectives | Likelihood | Impact | Risk Level |
| Being Hack or Information being stolen | Because I am hosting a database on a cloud system. I must ensure that my data is protected by online security measures. It is very common for cloud databases to get hack and held ransom for bitcoin | Use a secure password instead of just using admin or root. And changing the password often enough to avoid brute force hacking | Ensure that the project stays secure and only accessible by users of the IMS | High | High | High |
| Injury computer related discomfort and illness | Whilst ensuring work is being completed quickly is very important but also general health comes first. | Take regular breaks and ensure I am living a balanced lifestyle and eating a balanced diet. Maintain a great schedule is key | Lower the chance of any Injury , computer related discomfort and illness | Low | Medium | Low-Medium |
| SQL injections | SQL is very different to other languages as it can be injected into programs where input is required using the right commands can allow users to access source code and also data which should be protected and hidden | Ensure that all SQL statements executed by the program have a limit in terms of characters enabled to be entered in the program. Also prohibit the use of special characters such as the semi-colon. | Limit the probable attempted SQL injections by users with malicious intent or users trying to test the project. | High | High | High |
| Data Leaks | If you were to use incorrect Data Access Modifiers, this could lead to potentially personal data being leaked. This leaked information would not only be a GDPR violation, but could also be used for nefarious purposes by people with malicious intent. | Ensure that all access modifiers are set to the appropriate level of security, using private modifiers when appropriate. | Limit the amount of information available to users with malicious intent. Keep all details private where possible. | Medium | Low | Medium-Low |

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