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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 |
| COVID-19 Pandemic | Catching this new illness could result in becoming very unwell and unable to complete project work on time. | Follow government issued advice. Stay indoors. | Reduce the likelihood of encountering the illness and its effects. | Low | High | Medium-to-Low |
| Losing access to resources | If my hardware (laptop) breaks, I would lose all my locally stored code. Equally, but less likely, due to network strain or some other hardware problem with servers I am unable to access GitHub or the code there is damaged and corrupted. | Regularly push to GitHub. Keep at least one local backup. | Reduce the likelihood of losing my existing code. | Low | Med-High | Low |
| Mismanaging time | If I overestimate my abilities or lose track of the scope of the project, I may end up spending too much time on certain activities, which could impact the completion of the project further down the line. | Have a timeline set up to track progress and make regular adjustments so I can make better decisions on how to manage my time. | Reduce the likelihood of spending too much time on the project. Allow the project to be completed. | Low-Med | Med | Medium |
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| Testing failure  / Human error | Errors in code that remain unidentified due to scope of testing. Or code failing to pass tests set. The code would then be unable to deploy as a working application. | Have trainers on hand and my knowledgeable friends give me advice so I can work through the problem. | Reduce the likelihood of failing to complete the project due to faulty code. | Med | High | Med |
| Technology incompatibility | If an update on any of the technology we are using (e.g. Eclipse, Maven) causes a fault that results in a disruption to my CI Pipeline. | Stick to stable releases of software only or at least check updates will not disrupt CI Pipeline. Be prepared to move to alternatives if a fault arises. | Reduce the likelihood of disruption due to incompatible technologies. | Low | Med-Low | Low |
| Unexpected disruption to workflow (mitigating circumstances) | Unforeseen circumstances such as bereavement, natural disaster, or other personal health issues. | Maintain a resilient mindset and have an exit strategy to cease work on the project should such an event arise. Accept this could result in a critical failure to meet the project objectives. | Reduce the likelihood of harm caused by unexpected events. | Low | High | Low |