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| Impact Risk | Risk Statement | Response strategy | Objective | 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. Use an untethered VM to do all work, so knowing MySQL password is not as risky. | Reduce the likelihood of hacking and data leaks. | Medium | High | Medium-to-High |
| **Laptop failure** | **Laptop will contain all source code and all documentation. If my laptop failed, I could lose all my work and would have to start again.** | Ensure all work it backed up daily to GitHub and an external hard drive. | Have a redundancy set up just in case of a laptop failure. | Low | High | Medium |
| Jira | The expectation of the markers and spec not being met. This could be because of lack of understanding, unfamiliarity of the software and the techniques need to be used. | Ask questions when needed; research the software to better understand and utilise it, allow extra time before and after the project to ensure everything is done correctly. | Reduce risk of not meeting requirements and to increase the number of marks | Low-Medium | Low | Low |
| Maven | Unable to fully compile, not adding the right dependencies and packages. | Allow a good amount of time to troubleshoot if required; and ask questions. | Reduce the chance of not completing the project due to no compliable file in repo. | Low | High | Medium |
| Eclipse | Bugs; closing before saved; configuration issues; add-on faults and version issues. | Don’t install new add-ons unless it is a must; regularly save any work; if all else fails delete eclipse and start again. | Reduce the change of time delays and work loss. | Low | Low | Low |