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| Impact Risk | Risk Statement | Response strategy | Objective | Likelihood | Impact | Responsibility |
| Losing current work | Is work being done being saved/backed up anywhere other than the local workspace. | use GitHub to save all work and make continuous snapshots of save points whilst working | Reduce likelihood of losing all work, can go back to current last working saves.  Have a redundancy set up in case of laptop failure | Medium | High | Developer |
| **Developer falls sick** | **Work will not be able to be completed on time** | As there is only on developer try to be as effective with work to get as much work done as possible and take extra precautions to stay fit and healthy to avoid getting sick | Try your best to avoid getting sick. | medium | High | Developer |
| 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 | Developer |
| 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 | Developer |
| 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 | Developer |
| Testing | Testing coming back with unexpected errors | Leave sufficient time for testing, so you can fix any issues that occur during the testing phase | Reduce chances of bugs or errors going through to final push to main branch | medium | high | Developer |
| Spending too much time on a task | Will fall behind with other tasks and potentially not finish on time | Spend less time on tasks that don’t require as much allocated time. | To get through all tasks | high | high | Developer |
| Web page wont load as designed to | The user won’t be able to interact with the project as intended | Test and refactor code again | Allow user to get through all the functionality requires using the web page | low | high | Developer |
| Project not completed on time | Failure of the project | Plan out tasks for efficient working to increase odds of being finished on time | To complete all tasks on time | low | high | Developer |
| Database connection issues | API would not function | Test connections and refactor code | To ensure full functionality of the API | low | High | Developer |
| Missed a required deliverable | Would lose marks | Go through deliverables again before submitting or have a checklist and check throughout | Ensure all deliverables are completed | medium | high | Developer |