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| Risk | Risk Statement | Response strategy | Objectives | Likelihood | Impact | Risk Level |
| COVID-19 Risk | If there were to be a COVID outbreak in any of our local areas, it would create a significant health risk and potentially put a stop to the whole project until recovery. | Use hand sanitizer when in public spaces, disinfect regularly used project items such as laptops, keyboards, mice etc and notify the trainers if one of us was to develop symptoms. | Reduce the likelihood of contracting the COVID-19 virus. | Low | High | Medium |
| Internet Failure | If a majority of team-members internet was to go down for an extended period of time, it could delay progress to the project due to inability to commit new changes. | Make use of multiple sources of internet wherever possible and ensure strong and stable connections through the use of ethernet cables. | Reduce the likelihood of project failure due to internet connectivity issues. | Low | Medium | Low-to-Medium |
| Technical Risk | If we don’t adhere to best coding practices, we could find ourselves with more bugs/problems than expected. | Make use of static analysis tools such as SonarQube and its code smells tools to ensure we are writing the source code using best practices and general conventions. | Reduce the likelihood of project failure due to badly written code. | Low | High | Medium |
| Hardware Failure | If our hardware was to be damaged, we could lose any progress made and not pushed up to the remote repository. | Make sure to push all changes that we finish to the remote repository and if needed, back up files and data to a cloud system different to our version control system; regularly backing up the latest version of our work. | Reduce the likelihood of project failure due to hardware failure and loss of progress. | Low | High | Medium |
| Schedule Risk | If, at any point, one of the team members was to fall behind/stuck on a part of the project, it could hinder progress on the other parts o the project, halting overall progression. | Make sure to communicate to the team members if we are falling behind on anything so that we can all come together and help to get over the problem. | Reduce the likelihood of project failure due to a lack of time created by a lack of scheduling and halted progression. | Medium | High | Medium-to-High |
| Version Control System Failure | The source code and changes made that have been pushed to GitHub could become inaccessible if GitHub was to go down due to server failure which would stop project delivery. | Make sure to back up the project’s different released locally and on different cloud platforms just in case GitHub was to go down. | Reduce the likelihood of project failure due to GitHub going down. | Low | Low | Low |
| Communication Risk | Poor communication amongst the team could lead to multiple merge conflicts and hence halt progress on the project. | Make sure to communicate with the rest of the team whenever making any changes to the remote repository. | Reduce the likelihood of project failure due to poor communication leading to merge conflicts and more bugs. | Medium | High | Medium-to-High |