

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 of 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 releases 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