

Risk	Risk Statement	Response strategy	Objectives	Likelihood	Impact	Risk Level
Spring Boot	The spring boot could crash as it always moves extremely slowly, hence delaying your productivity.	Use reliable technology	Make spring boot run as fast as possible	Medium	High	Medium - High
Internet	The internet could go down which would mean you wouldn't be able to access the ports and check if your application is running correctly. Hacked sensitive data would also be a risk.	Have a backup source for the internet, for example mobile hotspot, dongle etc.  Use a reliable internet provider  Better internet protection	Prevent internet blackouts  No leakage of classified information	Medium	High	Medium - High
Visual Studio Code	Non functioning this could be due to virus, hacks, server down, poor computer to run it on. You would not be able to produce a front end, therefore no HTML, CSS, JS which would mean you would have to use postman or h2 console, which is not ideal.	Better Protection  Use reliable technology  Don't store any sensitive data in your files	Running servers  Increases the able to use VSC effectively	Low	High	Medium
Postman	The server may be down, so you would not be able to use it to test your backend CRUD functionality.	Better Protection	Reduces likelihood of servers going down	Low	Low	Low

GitHub	Any source code pushed to GitHub could potentially contain information that hackers would find useful when trying to 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
Computer crash or die	Computer could die whilst on it mean all the work done might not get saved, so would have to restart. It might happen due to power cut, forgetting to put power cable in laptop.	Always have charger in laptop.  Continuously save as you go	Laptop always powered up and ready to go	Low	Low	Low
COVID	Could get COVID meaning get ill depending on how ill , may even be bed ridding.	Only cure is to rest for weeks days and see how you feel  Take vaccine	Increase your chance of not catching COVID	High	High	High
Branches mess up	On git when using multiple branches might be working in wrong branch. Work becomes missing and other class stop working.	To solve this must double check your working on the correct branch  Finish one area first before moving on	Ensure your working effectively	High	Medium	Medium

Git not working	Git server crashes so can't access work. Could happen if git gets hacked or a virus.	To stop the problem they should use better protection.	Stops problems	Low	Medium	Low to Medium
Family emergency	Someone hospitalized or worse case dies. Might have to take time off to grieve and find yourself again. Only solution is time.	Only solution is time.	Feel better at the end	Low	High	Medium
Computer Virus	Computer could catch a virus, resulting in my whole hard drive being erased or computer locked and held to ransom by hackers	Pay the ransom  Have better virus protection  Don't go on dodgy sites and download anything dodgy either	Prevent anyone from hacking you	Low	High	High