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| Threat | Description | Likelihood | Impact | Who’s Responsible | Current Workaround | Proposed Workaround | Response | Tolerance |
| SQL database could be offline if AWS VM is down temporarily. | AWS cannot guarantee 100% service level uptime. While it is very rare to happen, it could be down for maintenance for short periods. | Low | Low | Amazon Web Services  (AWS) | N/A, the project requires a CI/CD pipeline and a fully cloud hosted solution | N/A, the project requires a CI/CD pipeline and a fully cloud hosted solution | Wait for AWS to bring the VM back online. | Tolerate |
| Illness | During the 5 weeks of training for this project, I could become ill (in pandemic times still), impacting my ability to attend every day. | Low | High | Luke Foster | Remain indoors whenever possible, have good levels of hygiene such as washing hands regularly. | None. | None. | Treat, recover as fast as possible. |
| Accidentally deleting terraform infrastructure | One of the terraform commands can destroy the vpc infrastructure created, however it asks you to type yes to confirm before it will destroy, as a failsafe. | low | high | Luke Foster | Don’t run terraform destroy unless needed. | Don’t run terraform destroy unless needed. | Do a terraform apply to recreate the vpc, however some manual configuration may need to be redone also. | Treat |
| Front-end is HTTP not HTTPS | For this project, the front end will run on port 80 on Kubernetes pods/containers this is a regular HTTP page, and not HTTPS which is more secure. | Low | Medium | None | As the application will not contain sensitive information about users, or any sensitive data in general, the low chance of attackers getting access to the information will not hand over damaging data to them. |  | Input nothing sensitive into the database or onto the webpage. | Tolerate |