

Risk	Risk Statement	Response strategy	Objectives	Likelihood	Impact	Risk Level
Protected Data Uploaded to Remote Repo	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.	High	Low	3
Misusing Spring Boot	As the developer is new to spring it is possible that features may be used incorrectly causing errors.	Reference notes taken during training extensively.	Reduce the likelihood of creating errors.	Medium	High	8
SQL Injection	SQL injection attacks can be used to destroy data quickly.	Refactor the code to make SQL injection as difficult as possible.	Sanitise data entry so that SQL injection cannot be performed without database access.	Medium	High	8
Internet Failure	Lack of internet connectivity means that pushing to repo cannot be performed, new dependencies cannot be acquired and software documentation becomes difficult to acquire.	Have alternative methods of connecting to internet rather than one point of failure.	Reduce time spent being disconnected from internet if internet connectivity issues occur.	Low	Medium	4
Development Platform Performance	The hardware and software on the development platform may not be able to handle the workload required to complete the project.	Alternate hardware available to be used if necessary. Can also acquire new parts to upgrade the development platform.	The development platform should be able to handle the workload without issue.	Low	Low	1
Bootstrap CDN unavailability	As bootstrap files are hosted on an online content delivery network it is possible that they will be unreachable.	Download minified versions of the bootstrap files used in the project so that they can be reached at all times.	Mitigate the effects of a CDN outage for required project files.	Low	High	7
Time Mismanagement	When working on any project it can be difficult to manage time in such a way that the minimum viable project is delivered to spec within the given time frame.	Story points and time tracking on the Kanban board can be used to better manage time when developing a project.	To reduce time spent on less important tasks and deliver the project in a complete state, on time.	Medium	High	8

		Impact		
		Low	Medium	High
Likelihood	Low	1	4	7
	Medium	2	5	8
	High	3	6	9