

Risk Assessment

Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures
Time mismanagemnt	I might not be able to manage my time efficiently to make sure product is delivered on time	Medium	High	Programmers	Ensure that Jira board are being followed and kept up to date so that task are seen and completed	Use Jira consistently.
Project bugs	Errors in code which may cause bugs to appear or project unable to compile	Medium	Medium-High	Programmers	Expand the project further when basic functions of the project are working up to a good standard.	Test code frequently and resolve any in the moment and not later.
Internet failure	A slow connection to internet or loss of service can reduce the time that is available to complete the project	Low	Medium	Hardware	Have alternative methods of connecting to the internet in case other points of connection fail.	Important documents/code /files etc should always be saved after changes.
Github	GitHub branches may become compromised or go down.	Medium	High	Programmers/ GitHub	Create branches and features to implement each part of the code and continue	Make sure branches are main for each feature to and don't push to

					working until it's back up.	main till the dev branch is fulling working and functioning
Machine Crashing	If the computer being used was to crash during a project, it could have a significant impact on the amount of work that can be completed and the time in which it can be completed.	Medium	High	Programmers	Constantly save all work being done to ensure that if the machine crashes not all work is lost.	Use GitHub to continuously add and commit each aspect of code being written for the project.
Misusing Spring Boot	As a developer new to spring it is possible that features may be used incorrectly that could cause errors	Medium	High	Programmers	Use the QA community to reference on how to work properly with Spring Boot or seek advice from trainers.	Rewatch training videos for reference and keep notes.
Poor Documentation	It is important to document everything within a project to ensure that the Minimum Viable Product (MVP) when	Medium	Low	Programmers	Allow some time for writing documentation from the beginning of the project.	Use Jira, to make documentation easier.

	completed.					
Changing requirements and priorities	There may be additional changes that could change to meet the MVP checklist which may cause tasks to not be completed to working standards.	Medium	Medium	Client	If changes need to be made, an analysis of the impact it has on the project would need to be conducted. This would allow for an efficient distribution of time.	Categorise the changes in the most important to meet MVP and the least important to meet MVP.
Illness	There is a potential of falling ill due to unseen circumstances.	Low	Low	Programmers	Ensure that proper precautions are taken to avoid illness if it can be helped; if not ensure that work already done is completed to good standards and saved.	Work already completed should be saved.
Sharing of confidential information	Username or passwords that are in code could be uploaded to GitHub by accident.	Medium	Low	Programmers	Remove data from repository and make changes to code to prevent leaked confidential information.	Check code before pushing to GitHub and where possible hide data in other files that cannot be accessed by others.