RISK ASSESSMENT:

Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures
I become moderately ill	I will be unable to work to the best of my ability	Low	Medium	Me	Try my best to work, depending on how ill it should not be a serious risk	Keep the immune system strong
Family commitments resulting in significant lost time	This could result in me not having the time to do the project	Very Low	High	Me	Notify QA as early as possible, and seek a solution	There is nothing that can be done to control this risk
Damaging my computer	Could possibly lose work, and may get in the way of my ability to work	Low	Medium	Me	Find a new computer to use, and clone the current GitHub repository	Avoid moving the computer, and avoid spillage hazards near the computer
Internet problems	Internet issues could prohibit my work rate and cause issues with keeping up with version control	Low	Very Low	Me/My service provider	Use a personal hotspot from my phone, and if this does not suffice then I would need to move to an alternative address to work effectively.	Keep spillage risks away from router, other than this there is not much you can do to avoid internet problems
Running out of time due to poor organisation	Running out of time could result in an unfinished product	Very Low	High	Me	Prioritise the mvp, don't waste time on things that are not strictly needed	I will work hard to meet the deadline, working outside of work hours if needed
Computer virus	My work and/or computer could be compromised	Low-Medium	High	My antivirus	Clone what has been onto a new machine	Keep firewall on, and keep antivirus up to date and avoid potentially unsafe websites
Power shortages	A power shortage could result in me not being able to work for a period of time	Low	Low	Me	Unless the power shortage is nationwide, then I can temporarily move address whilst I finish my project	There is nothing that can be done to control this
Problems with versions	The final product may be incompatible with certain operating system versions and this could cause problems	Low	Medium	Me	I will change the version to a less problematic and more compatible version	Check product regularly

RISK ASSESSMENT:

Losing control of GitHub information and cannot access my account	I could lose control of the work I have done within my repository	Very low	High	Me	I will recreate the work I have done, as this is a small project it can be done as long as there is still enough time remaining	I will keep my passwords safe and make sure to be careful what I use my email and passwords for that are associated with my GitHub account.
Dependency vulnerability	There is a possibility of vulnerabilities occurring for our dependencies	Medium	High	The dependency operator	Change dependency to a clean un-owned version before deployment of product	Check maven regularly to see if the dependencies being used are vulnerable in any way
I merge to the main branch by mistake	This could mean that I am ineffectively using git, and could also result in unseen problems	Low	Low	Me	Revert branch to a previous state	Make sure to use git properly and ensure that I am double checking my actions when using Git Bash

Risk Assessment utilizing a <u>matrix</u>:

Likelihood		Insignificant	Minor	Significant	Major	Severe
	Very Likely					
	Likely		Internet problems			
	Moderate		Dependency vulnerability	Damaging my computer	Computer virus	
	Unlikely		I become moderately ill	Problems with versions		
	Rare	I merge to the main branch by mistake	Power shortages	Losing control of GitHub	Running out of time	Family commitments

Impact on project