Risk	Risk Statement	Response strategy	Objectives	Likelihood	Impact	Risk Level
GitHub	Sensitive codes which contain private information pushed to GitHub could potentially be hacked into and manipulated or leaked.	Use strong passwords containing special characters which are regularly updated and known only by you.	Reduce the likelihood of hacking, leaks and corruption of data.	Medium	High	Medium-to-High
Loss of data	Closing tabs or applications by accident or deleting/rewriting codes by mistake could risk losing unsaved work.	Regularly update and push to GitHub especially after completing important sections of work.	Prevent loss of data and time re-doing work.	Low	High	Medium
Hardware failure	Hardware such as PC or input devices such as mouse or keyboard can be damaged or stop working during work could cease and prevent continuation of work.	Replace input devices as soon as possible. If Hardware such as PC becomes damaged or crashes, it may be possible to switch to another device and carry-on work from there.	Ensure that minimal time is wasted due to not having access to a device to do work on.	Low	medium	Medium to low
Inconsistent internet connection	Wi-Fi connection may fluctuate and cut out which may prevent user from connecting to the internet or have difficulty navigating websites for work.	Use a wired internet connection or upgrade broadband package to boost internet speeds. Another alternative may be to use mobile data and hotspot to device to access the internet.	Ensure continuation of work if my Wi-Fi connection fluctuates or cuts out.	Low	Low	Low
Out-dated software or drivers.	If the software or driver is not at the latest or at a newer version, certain functions may not be present or may work differently when trying to integrate with other software application and prevent continuation of work.	Keep programming software and drivers up to date.	Ensure sound and efficient functionality of application with no setbacks or bugs.	Low	Medium	Medium-to-Low
Illness and Injury	Sudden illness or juries could result in extended periods of time away from work which may result in setbacks to a work project or assignment.	Keep good hygiene habits and perform activities safely. If injuries or illnesses do occur, then consult a doctor at the earliest convenience to reduce time away from work.	Reduce the likelihood of getting an illness, and passing it onto others, and injuries to ensure time away from work is as minimal as possible.	High	High	High
Accidental overwrite and push	Pushing wrong codes or overwriting correct codes could result in wrong codes going live and prevent the functionality of the application.	Regularly committing and pushing work in correct branches when code is updated and functional so that work can be reverted to a previous commit if something was to go wrong.	Ensure correct codes going forward and less time wasted rewriting faulty codes.	Medium	Low	Medium-to-Low
Time mismanagement	Poor time management could result in project not being completed in time and not meeting all MVP criteria.	Plan ahead and put in place reasonable time allocations.	Prevent and reduce unnecessary time wasted on and between tasks. Assures project is completed in time with all MVP criteria met.	Medium	High	Medium-to-High
Unsecure database	MongoDB in the past has had issues of databases being hacked into (Around 30,000 databases). There is a potential risk of security vulnerability.	Network encryption is available with MongoDB to ensure tight security.	Reduces and prevents sensitive database information and customer details being hacked into and manipulated. Also reduces time wasted on having to rewrite and re-obtain what was lost.	Medium	High	Medium-to-High

		Level of Impact				
		Low	Medium-Low	Medium	Medium-High	High
Likelihood	Low	Low	Low	Medium-Low	Medium	Medium
	Medium-Low	Low	Medium-Low	Medium-Low	Medium	Medium-High
	Medium	Low	Medium-Low	Medium	Medium-High	Medium-High
	Medium-High	Low	Medium-Low	Medium	Medium-High	High
	High	Medium-Low	Medium	Medium-High	High	High