Risk Matrix		Impact				
		Negligible	Minor	Major	Hazardous	Catastrophic
Liklihood	Very Unlikely	Low	Low	Low medium	Medium	Medium
	Unlikely	Low	Low Medium	Low medium	Medium	Medium HIgh
	Moderate	Low	Low Medium	Medium	Medium High	Medium HIgh
	Likely	Low	Low medium	Medium	Medium high	High
	Very Likely	Low medium	Medium	Medium high	High	High
Risk	Risk Statement	Response strategy	Objectives	Likelihood	Impact	Risk Level
Sensitive data uploaded to GitHub repo	Uploaded info may contain sensitive data such as usernames or passwords. This could be used maliciously by hackers and be a serious threat to users and the system.	Use strong username and passwords as well as saving them only in a file that will be added to the .gitignore file. The passwords should be updated regularly so that if they are still uploaded then they will not be usable.	Reduces both the chances of a data leak and of being hacked.	Likely	Minor	Low medium

Risk	Description	Mitigation	Benefit	Likelihood	Severity	Rating
Internet Issues/outage	Without internet it is not possible to push to the remote repo meaning new dependencies will not be available and document will be difficult to acquire	Have multiple ways to connect to the internet to prevent this being a single point of failure. This can be done by using a mobile hotspot or even going to a cafe for free wifi.	Reduces downtime to the internet if primary source is unavailable.	Unlikely	Major	Low medium
Power Issues/Outage	Without power it is not possible to work on the documents from my PC	Having multiple machines or using a laptop can prevent this as it can be taken to a facility that has not had a power outage	Reduces downtime if power is unavailable	Unlikely	Hazardous	Medium
Accidental overwrite and push	Pushing changes accidentally could result in non working code going live	Commiting often at working points of code	This gives us commit points we can revert our commit back to in case of accidental pushes	Likely	Negligible	Low
RSI	Wrists could be strained from poor desk setup and too many hours working	Move wrists at timed intervals, making sure to take breaks and rest when tired	This will make sure I am not sore the next day or future and can continue to work effectively	Very Unlikely	Minor	Low

Health problems	Health problems that lead to needing rest or being hospitalised will halt all time spent by the dev on the project that may cause a significant delay	While possibly unavoidable, you can still ensure that a workspace is clean and avoid contact with persons who may have covid. Avoid dangerous physical activities that could result in injury	To stay healthy during the project time and keep work on track for completion time	Unlikely	Hazardous	Medium
GitHub site down	Something may happen to the GitHub site causing it to be down for a period of time meaning you cannot clone the repo down or push anything to it	Ensure you have a working repo saved locally to carry on working from and push changes up to GitHub when it comes back online	To ensure as little down time as possible	Unlikely	Catastrophic	Medium HIgh