

Risk Matrices

	Negligible	Minor	Major	Hazardous	Catastrophic
Most Unlikely	Low	Low	Low Medium	Medium	Medium
Unlikely	Low	Low Medium	Low Medium	Medium	Medium High
Possibility	Low	Low Medium	Medium	Medium High	Medium High
Likely	Low	Low Medium	Medium	Medium High	High
Most Likely	Low Medium	Medium	Medium High	High	High

Risk	Statement	Solution	Objective	Likelihood	Impact	Risk Level
Eye Strain	Continuous staring at screen for multiple hours without rest, resulting in eye pain from the straining of eyes	Take frequent breaks inbetween coding sessions to reduce strain on eyes	Make sure that eyes are healthy and safe for work sessions since staring at screens for long periods of time can have a big impact on health	Unlikely	Minor	Low Medium
Work Lost / Corrupted	Work not being saved or being corrupted leading to permanent loss of work	Save every change and store on multiple storages such as local drives or clous storage	Make sure that all work is saved on an accessible area with version control being used so nothing is lost	Unlikely	Major	Low Medium
Loss of Internet	Internet connection either cutting out completely or being extremely slow so resources cannot be uploaded or downloaded	Call Internet provider to see if there is a possible fix, look for other alternatives to connect to the Internet	Make sure that I have a way to upload work or download resources for work	Likely	Major	Medium
Work Station Breaking Down	Work station no longer turning on leading to not being able to do any work or accessing the work on the station	Look for a replacement machine or source a replacement part for the system if the possibility of self repair is available	Make sure I have a working system to work on the project with	Possibility	Catastrophic	Medium High
Illness	Catching a virus like COVID or having food poisoning preventing work due to being ill	Be hygienic in every action you do, wash hands regularly, avoid bad hygiene habits	Make sure I have good hygiene habits and be healthy	Possibility	Hazardous	Medium High
Carpal Tunnel	Repetitive typing on the keyboard can cause Carpal Tunnel and may leave fingers with aches	Exercise all joints from arm to hands to prevent Carpal Tunnel, also take breaks from repetitive typing to give fingers and wrists a rest	Make sure I can work comfortably while working on the project	Unlikely	Minor	Low Medium
Accessories Breaking Down	Accessory such as mouse, keyboard, monitor breaking down preventing work from being done	Have an alternative to the accessory or replace it as soon as possible	Make sure I have the necessary equipment to do work with	Most Unlikely	Minor	Low
Lack of Knowledge	Not knowing certain technologies or theory leading to not understanding parts of the project	Look up information online due to many resources, ask for help from peers and trainers	Make sure I have the correct knowledge to tackle problems that occur on the project	Likely	Major	Medium