Reading List – RISK ASSESSMENT

Potential risks

1. Power cut.
2. Corrupted hard drive.
3. Excessive weather.
4. Laptop battery dying.
5. Local repository folder erasure.
6. Procrastination and or life problems.
7. Software Crashing
8. GitHub Server Crash
9. Internet Outage
10. Dehydration due to excessive heat.

Risk Rating

LOW	- Risk is acceptable and it is ok to proceed
MEDIUM	- Preventative efforts required
HIGH	- Can't be dealt with - Seek help and support
VERY HIGH	- Cannot be endured - Project must be paused

Risk Matrix

Likelihood	Acceptable	Tolerable	Undesirable	Intolerable
Largely Impossible	1	4	5	2
Possible	7	3	9, 10	
Probable	6			

<u>Response</u>

1. Combination of laptop battery, and mobile data connection can ensure work continues.
2. Have hard drive looked at by a computer repair shop to see if corrupted files can be recovered. Save work regularly.
3. Take regular breaks to ensure productivity remains consistent and optimum
4. Save work regularly, such that in said event potential loss of work is minimal or non-existent
5. Save and push work regularly, don't let work that hasn't been pushed pile up.
6. Plan time accordingly with regular breaks, and deal with life problems as they arise to minimise effect on work
7. If software crash occurs, then try not to excessively interact with PC. Patiently wait for it to respond and continue with work.
8. Github servers are unlikely to crash, however if they do then simply wait for them to return online.
9. Call ISP to attempt to get back online ASAP, use hotspot and save files locally regularly.
10. Take regular breaks and drink water.

<u>Risk Mitigation</u>

1. If power cut occurs, then I'll ensure I keep my laptop battery fully charged to endure the outage.
2. To prevent the risk of hard drive corruption, I'll ensure to save and push my work regularly. Allowing my laptop to fully power down regularly should be beneficial as well.
3. In the event of extreme weather where there is a risk to health, then regular breaks should be taken.
4. Ensure to keep laptop fully charged, or on charge as often as possible.
5. In the event of local repository erasure, to minimise risk of loss of work, files should be saved and pushed regularly.
6. If life problems do occur (which they will) then they should be dealt with asap. Procrastination can be minimised using effective time management and planning.
7. The potential effects of software not responding can be minimised by regularly saving work, and or pushing to remote repo.
8. If in event of server crash, push and pull work to maintain file congruence between repo and local folders.
9. Save and push work regularly, use hotspot.
10. Take regular breaks and drink water.