

## Example: Risk Assessment

Kindly provided by: <https://conicalroofs.weebly.com/risk-assessment.html>

Carrying out the research throughout the thesis project in a safe manner is of critical importance. While the research work is being carried out via computer modelling, several hazards are present. The below lists the expected hazards and the measures that will be taken to mitigate them.

Description of Hazard	Probability (1-10)	Severity (1-10)	Initial Risk (Probability x Severity)	Mitigation Measures	Residual Risk
Eyestrain from using computer monitor for extended periods	4	2	6	<ul style="list-style-type: none"> <li>Take regular breaks from looking at the monitor.</li> <li>Use adequate brightness and correct contrast on monitor.</li> <li>Make sure room is correctly lit.</li> </ul>	2x2=4
Repetitive strain injury from using keyboard	3	3	9	<ul style="list-style-type: none"> <li>Adjust position of mouse, keyboard and monitor so that minimal strain is required to use them.</li> <li>Take regular breaks from using the keyboard.</li> <li>Sit with a good posture.</li> </ul>	1x3=3
Back injury from prolonged sitting at desk	2	3	6	<ul style="list-style-type: none"> <li>Adjust chair to the correct position and maintain a good posture.</li> </ul>	1x3=2
Data loss from software/hardware failure	2	8	16	<ul style="list-style-type: none"> <li>Save files and work regularly</li> <li>Upload files to online storage</li> <li>Backup files to external storage</li> </ul>	2x2=4
Mental health issues from stress	3	5	15	<ul style="list-style-type: none"> <li>Ensure relaxation and rest periods</li> <li>Utilise university support structure (e.g. Advice Place, Nightline)</li> <li>Discuss concerns with thesis partner and supervisor</li> </ul>	1x3=3