Risk Assessment

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| Risk | Description | Hazard | Chance | Impact | Solution |
| Lack of planning | I fail to have a cohesive plan for the project. | Poor time management, lack of cohesion between elements of the project. | 2 | 4 | Ensure that I create and follow a plan. |
| Lack of understanding | I fail to grasp key concepts essential to the working of the project. | Inability to create and maintain essential elements of the project. | 2 | 5 | Pay attention in class, research concepts I have a hard time understanding. |
| Illness/injury | I am incapacitated, and am rendered incapable of completing the project. | Self-explanatory. | 1 | 5 | Avoid serious injury and other risky behaviour. |
| Trivial injury sustained during project | Eye strain from looking at screen, back strain from leaning forward, poor health from lack of activity, stress from worrying about project etc. | Poor health. | 1 | 1 | Take breaks, ensure a healthy work-life balance. |
| Failure in third-party software | Github, GCP etc. fail for reasons beyond my control. | Inability to complete project, potential loss of progress | 0 | 5 | Ensure, where appropriate, that work is saved outside of the cloud. |