**Risk Assessment Table**

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| ID | Risk event description and impact area | Impact Rating (Cost of Event) | Probability Rating | Risk Value (Cost of Event £ x probability rating) | Risk Avoidance | Risk Response |
| E.g | Illness | £100 | 0.8 (80%) | £80 | Avoid Wuhan and eat healthily. | Ill person/ people avoid contact with others. |
| 1 | Loss of files | 20% | 5% | 0.2% | Use GitHub. Commit regularly. | Rollback the GitHub to a previous version. |
| 2 | GitHub data center destruction | 60% | 1% | 0.6% | Backup locally inform colleagues. | Start again. Mention it in our report. |
| 3 | GitHub data centre downtime | 20% | 1% | 0.2% | Backup locally | Work individually in separate sections until the centre is back online |
| 4 | Lack of technical skills, leading to a time delay | 20% | 40% | 8% | Conduct relevant research for the project. | Assist each other if a member is struggling with something |
| 5 | Google data centre destruction | 60% | 1% | 0.6% | Backup locally | Start again. Written documentation regarding .Mention it in our report. |
| 6 | Google data centre downtime | 20% | 1% | 0.2% | Backup locally | Work individually in separate sections until the centre is back online |
| 7 | AWS data centre destruction (Trello) | 60% | 1% | 0.6% | Backup locally | Re plan the remaining of the work to be done and plan it .Mention it in our report. |
| 8 | AWS data centre downtime (Trello) | 20% | 1% | 0.2% | Keep track of tasks that need work | Work individually in separate sections until the centre is back online |
| 9 | Team member dies | 20% | 1% | 0.2% | N/A | Complete task |
| 10 | Team member not attending meetings | 20% | 10% | 0.2% | Plan the meetings according all team members availability | Inform colleague of work that's taken place |
| 11 | Unrealistic Schedules and budgets | 60% | 30% | 9% | Aim for small and achievable objectives with spacious schedules | Deliver in a longer period of time/ the project will take longer to develop or hand in a beta version |
| 12 | Transport Strike | 20% | 10% | 0.2% | Under difficulties of transport avoid meetings | Using platforms such as trello, discord and github carry out task regarding project |
| 13 | insufficient/  inappropriate staff | 20% | 30% | 5% | Train or hire sufficient staff | Train inappropriate staff and split tasks equally. |
| 14 | Inadequate software project planning | 60% | 20% | 12% | Ensure an appropriate planning regarding all entities involve | Change the plan and re-schedule. |
| 15 | Low Motivation Reduces Productivity | 40% | 10% | 4% | Positive work environment | Support colleagues that lack motivation helping them better themselves |
| 16 | Conflict between team results in error and extra rework | 70% | 60% | 42% | Good and respectful communication among colleagues | Support the part of the team having more people involved in the task at hand |
| 17 | Developer tools might not work as expected | 50% | 20% | 10% | Ensure the team have all the equipment necessary | Use different tools or update the existing ones. |
| 18 | Personnel need extra time to learn unfamiliar tools | 30% | 30% | 9% | Guarantee that the project is going to be develop with tools that workers are familiar with | Schedule adequate training before starting the project. |