**Risk Assessment Table**

**Files and data**

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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 |
| 1.1 | Loss of files | £20 | 5% | £100 | Use GitHub. Commit regularly. | Rollback the GitHub to a previous version. |
| 1.2 | GitHub data center destruction | £60 | 1% | £60 | Backup locally inform colleagues. | Start again. Mention it in our report. |
| 1.3 | GitHub data centre downtime | £20 | 1% | £20 | Backup locally | Work individually in separate sections until the centre is back online |
| 1.4 | Google data centre destruction | £60 | 1% | £60 | Backup locally | Start again. Written documentation regarding .Mention it in our report. |
| 1.5 | Google data centre downtime | £20 | 1% | £20 | Backup locally | Work individually in separate sections until the centre is back online |
| 1.6 | AWS data centre destruction (Trello) | £60 | 1% | £60 | Backup locally | Re plan the remaining of the work to be done and plan it .Mention it in our report. |
| 1.7 | AWS data centre downtime (Trello) | £20 | 1% | £20 | Keep track of tasks that need work | Work individually in separate sections until the centre is back online |

Personal Circumstances

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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 |
| 2.1 | Illness | £100 | 0.8% | £80 | Avoid Wuhan and eat healthily. | Ill person/ people avoid contact with others. |
| 2.2 | Lack of technical skills, leading to a time delay | £20 | 4% | £80 | Conduct relevant research for the project. | Assist each other if a member is struggling with something |
| 2.3 | Team member dies | £20 | 1% | £20 | N/A | Complete task |
| 2.4 | Transport Strike | £20 | 10% | £200 | Under difficulties of transport avoid meetings | Using platforms such as trello, discord and github carry out task regarding project |
| 2.5 | Low Motivation Reduces Productivity | £40 | 10% | £400 | Positive work environment | Support colleagues that lack motivation helping them better themselves |
| 2.6 | Conflict between team results in error and extra rework | £70 | 60% | £4200 | Good and respectful communication among colleagues | Support the part of the team having more people involved in the task at hand |
| 2.7 | Developer tools might not work as expected | £50 | 20% | £1000 | Ensure the team have all the equipment necessary | Use different tools or update the existing ones. |

planning

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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 |
| 3.1 | Unrealistic Schedules and budgets | £60 | 30% | 1800£ | 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 |
| 3.2 | Team member not attending meetings | £20 | 10% | £200 | Plan the meetings according all team members availability | Inform colleague of work that's taken place |
| 3.3 | insufficient/  inappropriate staff | £20 | 30% | £600 | Train or hire sufficient staff | Train inappropriate staff and split tasks equally. |
| 3.4 | Inadequate software project planning | £60 | 20% | £1200 | Ensure an appropriate planning regarding all entities involve | Change the plan and re-schedule. |
| 3.5 | Personnel need extra time to learn unfamiliar tools | £30 | 30% | £900 | Guarantee that the project is going to be develop with tools that workers are familiar with | Schedule adequate training before starting the project. |