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| **Risk Event** | **Description** | **Prevention & Solution** | **Impact Rating** | **Probability Rating** | **Risk Score** |
| Finished product is unsuccessful | Final program doesn’t meet original requirements | * Help prevent this by using Kanban board to monitor progress and re-distribute time and resources accordingly | High | Low-Moderate | 2 |
| End user unable to navigate program | User not capable or doesn’t understand the system and cannot operate it to utilize functionality. | * Ask peers for feedback during development to know that the program is easily usable | Moderate | Low | 1 |
| Poor time management | Project functionality could suffer due to not sticking to proposed timescale. | * Stick to Trello timeline, allocating adequate time for each section, use week long sprints | High | Moderate-High | 3 |
| Illness | Unable to complete project due to falling ill. | * Remain inside abiding by lockdown rules, reducing unnecessary trips out where possible. | Moderate | Low | 1 |
| Lack of knowledge/skill | Time required to learn new programming techniques, pieces of software (IDE’s), will cause delays within project. | * Highlight certain areas that are unknown or areas that need more time spent on them to learn and schedule these into the project timeline * Fit in programming practice where time allows | High | Moderate-High | 3 |
| Loss of Work | Unexpected loss of work will lead to major problems | * Keep frequent back-ups of work using GitHub. | High | Low-Moderate | 1 |
| Storing user information | If the data were to fall into the wrong hand and be leaked or sold on a lot of ethical uproar would commence. This could happen due to insecure data storage. | * Invest time into ensuring the system is not vulnerable * Make sure passwords are not posted onto gitHub | Moderate | Moderate-Low | 2 |