Risk Register

Overall rating = rating- impact \* rating- probability

The risks are rated from 1-5, 1 being he lowest and 5 being the highest, the highest overall rating that can be achieved is 25

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| ID | RISK | IMPACT | PROBABILITY | RATING- IMPACT | RATING- PROBABILITY | OVERALL RATING |
| 5 | Programming Issues | There may be parts of our system which are difficult to implement. This will increase time to develop at best but could also end with us not being able to fulfil a requirement. | Difficulties in programming are very common. It is rare that something works first time, and many issues require more time to look at. | 2 | 4 | 8 |
| 2 | Communication | A breakdown in communication will result in a lack of synchronisation with completed work. | We are likely to maintain effective communication during our project. We will all regularly attend in-person sessions, and outside of these we can maintain contact remotely using chat applications. | 2 | 4 | 8 |
| 3 | Inaccurate  Deadline Estimations | We have allocated estimated times of completion for each task. These estimations could turn out be unrealistic, which will require the timeline to be reconsidered. However, we have measures in place to accommodate for these timeline changes, as Gantt charts are easily modified. | Changes in deadlines are likely to happen during the implementation. Many issues can appear that were not considered, which will increase time taken to complete tasks and require a slight re-schedule | 3 | 2 | 6 |
| 1 | Scope Variations | Changes in scope is directly proportional to the progress of the project – the more time that we’ve spent developing our system, then the more work will be needed to modify it to accommodate new requirements. | This is very unlikely to happen in our project. This could only occur through a change in case study. | 3 | 1 | 3 |
| 4 | Software Crash | We are using different software applications to develop our system. All these systems have a potential to crash, with the main loss being any unsaved work. This can be easily mitigated with a good practice of frequent saving. | Crashes happen reasonably often. They are often easily fixed with a restart too. | 1 | 2 | 2 |