ICU Tracker Risk Assessment

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| Risk | Impact (0-5) | Mitigation Techniques |
| Equipment failure | 1 | The likelihood of this happening is quite low; however, I have a number of devices on which the application can be developed. This should help to mitigate the impact if a device were to stop working. |
| Time Management | 2 | The use of sprints should help mitigate the chance for objectives to become late and overdue and ensure that the project is completed on time |
| Unfriendly UI | 2 | Research into the UX field, specifically to do with the use of technology for those with disabilities will be done to help reduce the chance. |
| Data Loss | 2 | Data will be backed up in multiple places, both locally and externally. This should help to mitigate the risk of data loss. |
| COVID | 1 | Much of the development can be done without COVID having an effect, however testing on IOS will be a problem. Safety measures will be in place to make sure that when borrowing a device to test the app on IOS, COVID will not be an issue. |
| Low Quality Code | 2 | General practices of good coding will be followed where possible. This includes actively commenting code and reviewing performance loss. |
| Software Learning | 3 | As I have little experience with the Xamarin and WebApp, work will be done early in the project lifecycle to ensure that the application is possible on the platform and can be completed in the time given. |