COMP3000

Computing Project

2020/2021

# Project Title

ICU Tracker App

## Links

Source code: <https://github.com/SamuelJordan101/ICU-Final-Year-Project>

Backlog : <https://trello.com/b/UmCmnfkQ/icu-tracker-app>

## Project Vision

I am looking to create a patient tracker app to be used within the ICU of Derriford hospital by doctors and nurses to be able to track the progress of patient’s rehabilitation progress. There is currently no easy way to do this, so this app should make a huge impact within the ICU, providing an easy and reliable way to see the progression of patients through the unit. The app should be available on a variety of mobile devices with portability and simplicity being a main priority.

This app is essential to ensuring the improvement of health for patients within the ICU, so it is crucial that it works as well as possible with little to no major bugs present upon the finishing of development.

## Risk Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Risk | Cause | Risk Before Control Measures | Control Measures | Risk After Control Measures |
| File Deletion | Human error, software bugs, malicious intent by others | Medium | Files should be backed up both locally and externally in the cloud. | Low |
| Loss of Internet | Hardware/Software/  ISP Issues | Low | - | - |
| COVID-19 | Human Interaction | Low | All meetings where possible should be done through zoom or alternative means | None |
| Hardware Failure | Use of computer | Low | - | - |

## Keywords

Mobile, App, ICU, Tracker, Health, NHS