# TASK 3 JUSTIFICATION AND GDPR

## THE PROBLEM

In this assignment the problem is that a critical care unit within the NHS hospital are the busiest wards at any time in the year. Hospitals deal with a huge number of patients at a time. Patients require evaluation to determine treatment and many other related properties.

## USE OF CLASSES

I have used classes to store patient information. For patient in the csv is converted and represented into a class object containing their conditions as Boolean values and their name and dob as strings from the data file. This is very efficient because then we access information about a patient from a single object. This object can be placed in a list which can be iterated/searched through (homogeneous data structure). The effect of storing our data as classes allows for productive use of data to be easily checked and manipulated with code. As an example of accessing information such as width and height to calculate and assign a BMI value to the patient. This BMI value can be assigned to the same object consequently it is well-organized.

## USE OF SORTING ALGORITHM

test

## GDPR

* Destruction of data
* How long data should be held for
* Encryption
* What identification can be made from the data?
* What does this program do with data?