# Design Process Report

During this assessment I will be doing a few things in order to get the data to a usable state and then I’ll be using that data to create a SQL database

## Data Cleansing:

The first step into making this data usable is to go through a process of data cleansing, this must be done because the data we previously got was entered manually by staff, this could lead to multiple errors, whether it is misspelling or just forgetting to enter some data. When I was going about cleaning the data, I followed a 10-step process that highlighted the key things to remove and change in the data, this was quite easy to do as the 10-steps provided where explained well and in detail

## Entity selection:

The next step in the design process was to decide what entities I will be using in my data base, as this will affect how my ERD, and my database would look. The entities I ended up with were the Patient, Surgeon, Referrer, Referral and FSA. I chose these entities because they made the most sense when looking at the data these entities would be able to access data from one another, so it was easy to set up my primary keys and my foreign keys.