# BCPR203 Design Assignment

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# Choice of entities

In this design assignment, I got 5 entities.

Patient: referral patient

Surgeon: Surgeon for that patient

Department: where surgeon belongs to

Appointment: information

ReferralPerson: indicates patient referral by

# Choice of attributes

In all the tables that don’t have foreign key, I used id as default primary key.

All the foreign key in Appointment and Surgeon table use reference table\_id as foreign key name.

For all the attributes, they have been written entirely in lower case

Underscores separate words. Object name that are comprised of multiple words has been separated by underscores.

# Relationships

Every Patient could have many Appointment.

It is one to many relationship

Every Surgeon could have many Appointment.

It is one to many relationship

Every ReferralPerson could have many Appointment.

It is one to many relationship

Every Department could have many Surgeon.

It is one to many relationship

# Issues:

# Some data are not correct like Patient Kay Young. It shows Male in one row. Which should be female.

Quinn Roach was born at 06/29/2061. I changed it to 1961.

Valentine Moran was born 26/04/1864, I changed to 1964

Andy La Salle has middle name. I choose using Andy as first name LaSalle as last name.