E-R diagram

Patient
🔑 Patient No	integer(10)	
Name	varchar(50)	N
Address	varchar(255)	N
Age	integer(3)	N
Sex	varchar(15)	N

Treatment
🔑 Treatment No	integer(10)	
Description	varchar(255)	N
Date Performed	date	N

Consultant

Treatment_Patience
- TreatmentTreatme...
- PatiencePatient No

Consultant_Treatment
- TreatmentTreat...

Mandatory, or

Private
🔑 Room No	integer(10)
PatiencePatient No	integer(10)

NHS
PatiencePatient No	integer(10)

Rooms
PrivateRoom No	integer(10)
PrivatePatiencePatient No	integer(10)

Bed
🔑 Ward Name	...
🔑 Bed No	...
NHSPatiencePatient No	...

Wards

Sister in Charge

Mandatory, or

Standart
- RoomsPriv...
- RoomsPriv...

Deluxe
- RoomsPriv...
- RoomsPriv...

Palatial
- RoomsPriv...
- RoomsPriv...

Mandatory, or

Pediatric

Cancer
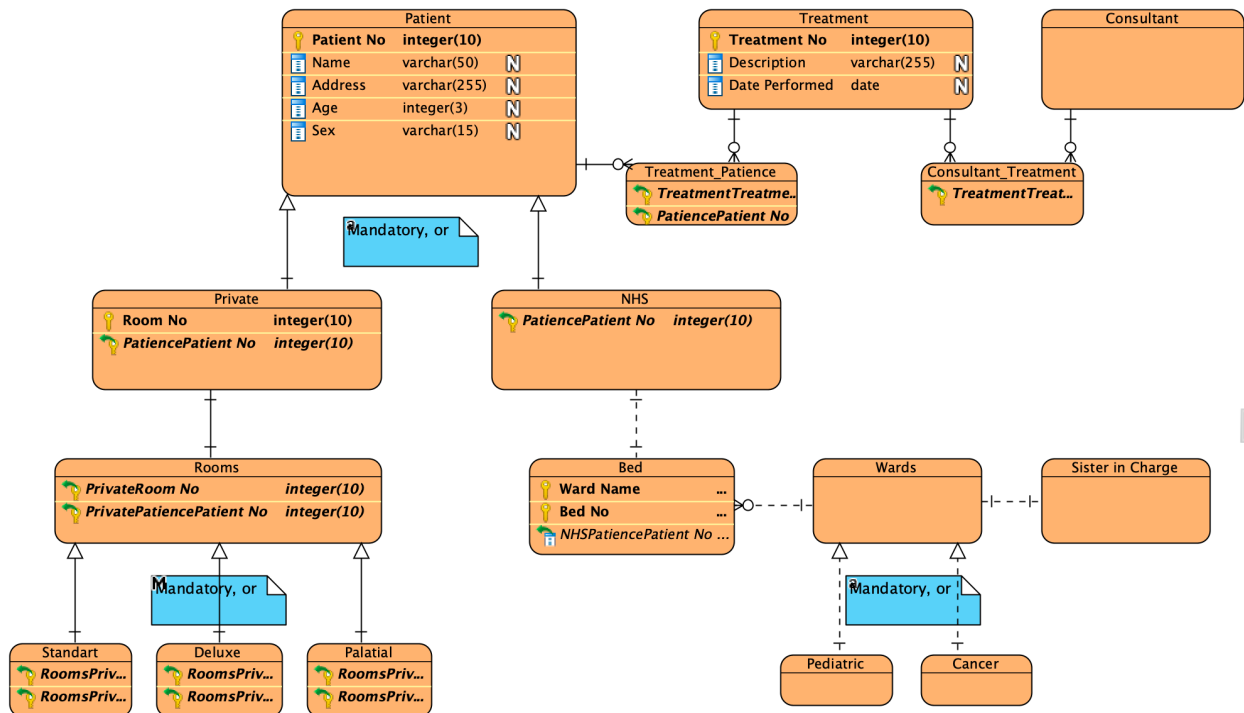
Relational scheme

Patience (**Patient No**, name, address, age, sex)

Private Patient (**Room No**)
  FOREIGN KEY Patient No REFERENCES Patient (Patient No)

NHS Patient
  FOREIGN KEY Patient No REFERENCES Patient (Patient No)

Rooms
  FOREIGN KEY Room No REFERENCES Private (Room No)

Standard Room
  FOREIGN KEY Room No REFERENCES Rooms Private (Room No)
Delux
  FOREIGN KEY Room No REFERENCES Rooms Private (Room No)
Palatial
  FOREIGN KEY Room No REFERENCES Rooms Private (Room No)

Bed (**Ward Name, Bed No**)
        FOREIGN KEY Patient No REFERENCES NHS Patience (Patient No)

Wards
Pediatric
Cancer
Sister in Charge

Treatment (**Treatment No**, description, Date Performed)
        FOREIGN KEY patientNo REFERENCES Patient (patientNo)

Consultant
        FOREIGN KEY Treatment No REFERENCES Treatment (Treatment No)