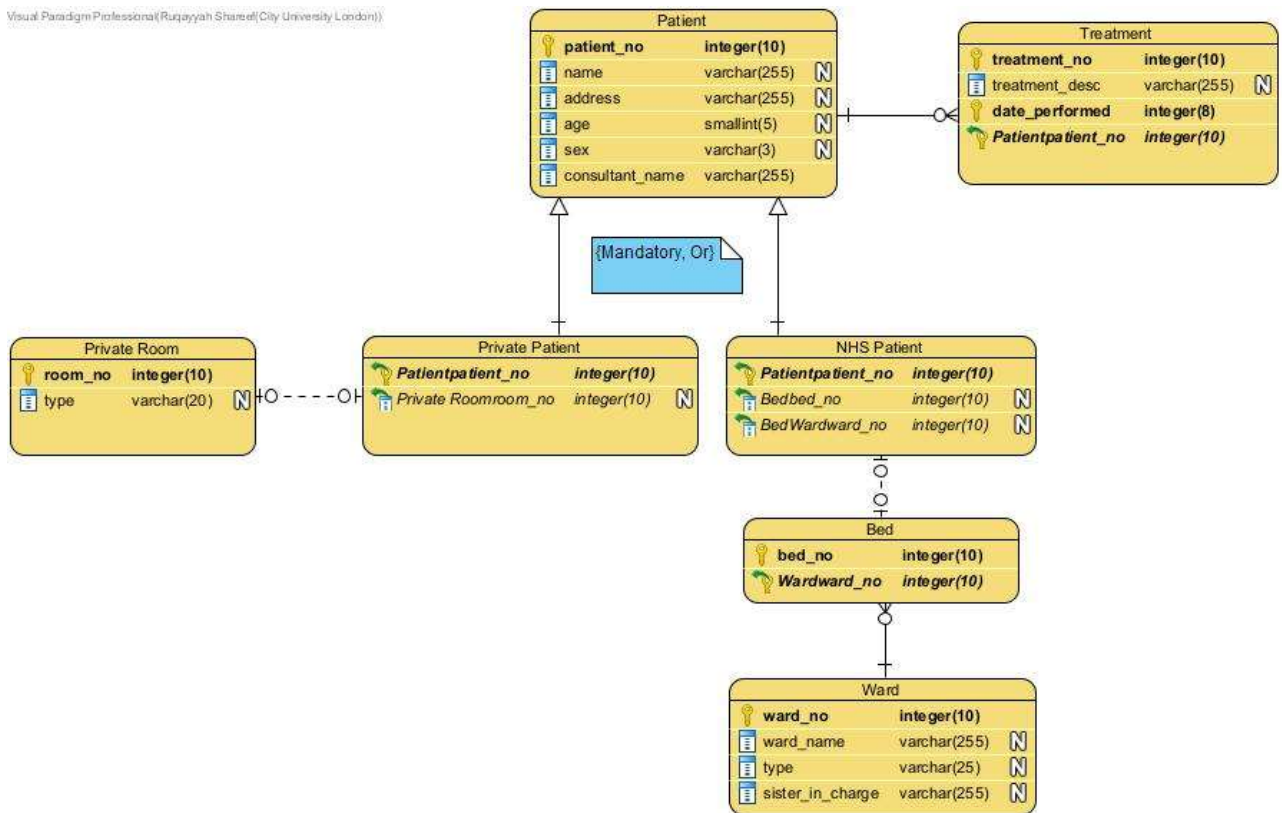


Homework – Task 1: Hospital

ER Model

Visual Paradigm Professional (Rugayah Shariff (City University London))



Relational Model

Patient (patient_no, name, address, age, sex, consultant_name)

Private Room (room_no, type)

Private Patient (patient_no, room_no)

FOREIGN KEY patient_no REFERENCES Patient (patient_no)

FOREIGN KEY room_no REFERENCES Private Room (room_no)

Ward (ward_no, ward_name, type, sister_in_charge)

Bed (bed_no, ward_no)

FOREIGN KEY ward_no REFERENCES Ward (ward_no)

NHS Patient (patient_no, bed_no, ward_no)

FOREIGN KEY patient_no REFERENCES Patient (patient_no)

FOREIGN KEY bed_no REFERENCES Bed (bed_no)

FOREIGN KEY ward_no REFERENCES Ward (ward_no)

Treatment (treatment_no, treatment_desc, date_performed,
patient_no)

FOREIGN KEY patient_no REFERENCES Patient (patient_no)