Task 1 – Hospital

Patient (**patient_nr**, name, address, age, sex, consultant_name, is_private)

Private_room (**room_nr**, type, patient_nr)
    FOREIGN KEY patient_nr REFERENCES Patient (patient_nr)

Ward (**ward_name**, type, sister_in_charge)

Beds (**bed_nr**, **ward_name**)
    FOREIGN KEY ward_name REFERENCES Ward (ward_name)

Treatment (**treatment_nr**, description, date_performed)

TreatmentOfPatient (**treatment_nr**, **patient_nr**)
    FOREIGN KEY treatment_nr REFERENCES Treatment (treatment_nr)
    FOREIGN KEY patient_nr REFERENCES Patient (patient_nr)

Visual Paradigm Professional(Herman(City University London))

Treatment	
🔑 **treatment_nr**	**integer(10)**
📄 description	varchar(255)
📄 date_performed	date

Patient	
🔑 **patient_nr**	**integer(10)**
name	*varchar(255)*
address	varchar(255)
age	integer(10)
sex	varchar(255)
Consultantname	*integer(10)*
is_private	binary(2)
consultant	varchar(255)

Treatment_Patient	
🔑 *Treatmenttreatment_nr*	*integer(10)*
🔑 *Patientpatient_nr*	*integer(10)*

Private_room	
🔑 **room_nr**	**integer(10)**
type	varchar(255)
Patientpatient_nr	*integer(10)*

Ward	
🔑 **name**	**varchar(255)** U
type	varchar(255)
sister_in_charge	varchar(255)

Optional

Beds	
🔑 **bed_nr**	**integer(10)**
🔑 *Wardname*	*varchar(255)*