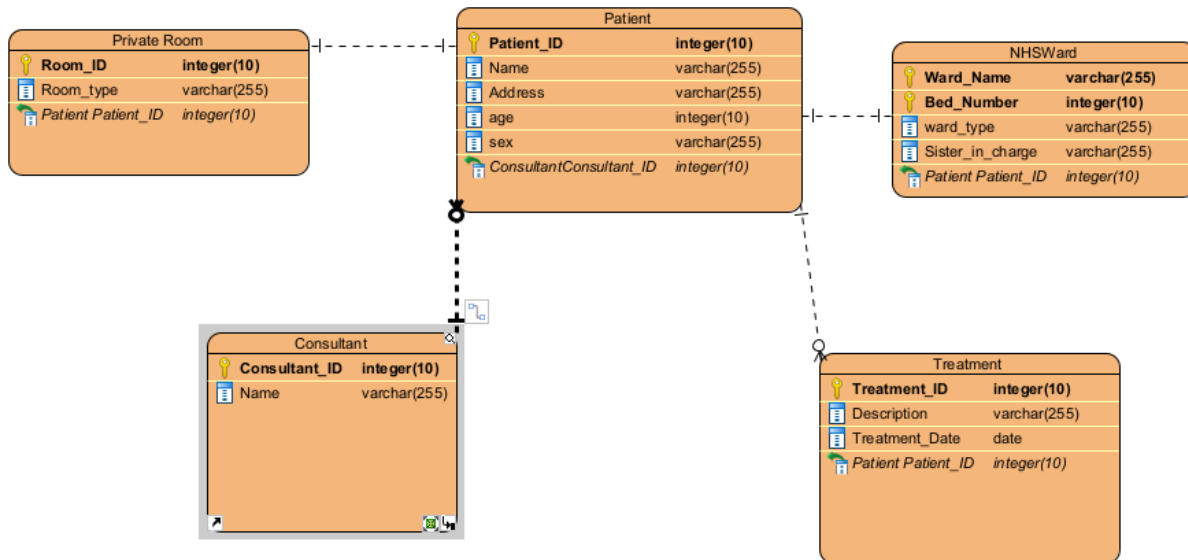


Hospital Task

ER Model:



Relational Scheme:

Patient

```
patient_id INT PRIMARY KEY,  
name VARCHAR(255) NOT NULL,  
address VARCHAR(255) NOT NULL,  
age INT NOT NULL,  
sex Varchar NOT NULL,  
consultant_id INT,  
FOREIGN KEY (consultant_id) REFERENCES Consultant(consultant_id)
```

PrivateRoom

room_id INT PRIMARY KEY,
room_type VARCHAR NOT NULL,
patient_id INT UNIQUE,
FOREIGN KEY (patient_id) REFERENCES Patient(patient_id)

NHSWard

ward_name VARCHAR(255),
bed_number INT,
PRIMARY KEY (ward_name, bed_number),
ward_type VARCHAR NOT NULL,
sister_in_charge VARCHAR(255) NOT NULL,
patient_id INT UNIQUE,
FOREIGN KEY (patient_id) REFERENCES Patient(patient_id)

Consultant

consultant_id INT PRIMARY KEY,
name VARCHAR(255) NOT NULL

Treatment

treatment_id INT PRIMARY KEY,
description VARCHAR(255) NOT NULL,
treatment_date DATE NOT NULL,
patient_id INT,
FOREIGN KEY (patient_id) REFERENCES Patient(patient_id)