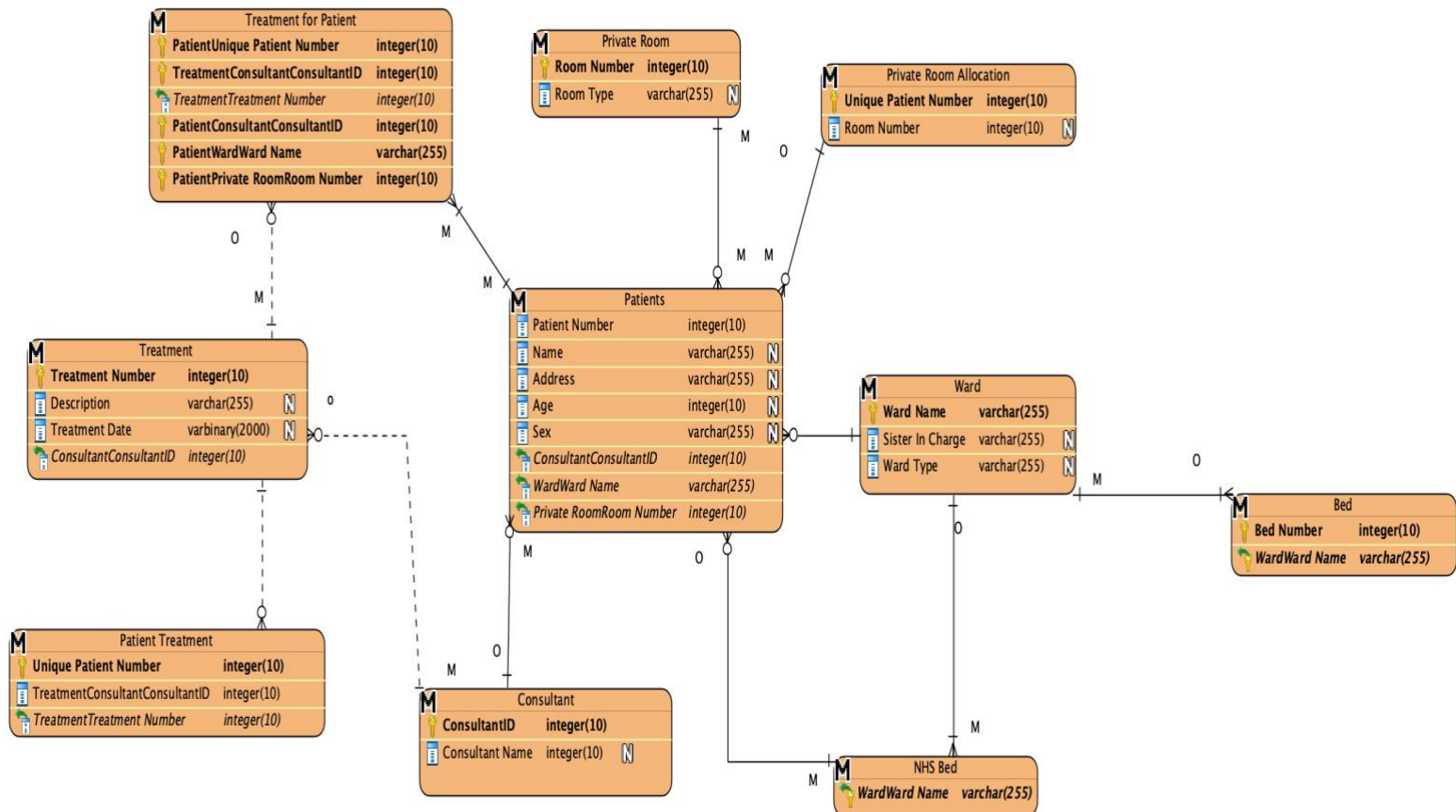


Task 1:

ER Model



Relational schema:

Patient {patient_id (Primary key), patient_name, address, age, sex, consultant_id (Foreign key)}

Ward {ward_name (Primary key), sister_in_charge, ward_type}

Treatment {Treatment_Number (Primary key), Description, TreatmentDate, consultant_id (Foreign key)}

Consultant {consultant_id (Primary key), consultant_name}

Patient Treatment {patient_id (Foreign key), consultant_id (Foreign key), Treatment_Number (Foreign key)}

Bed {Bed_Number (Primary key), ward_name (Foreign key)}

Private Room { private_room_number (Primary key), private_room_type}

Private Room Allocation {patient_id (FK), private_room_number (FK)}

