Hospital Management System - Mapping Schema

Table Name	Attributes	Primary Key (PK)	Foreign Key (FK)
Hospital	HospitalID, Name, Location, ContactNumber	HospitalID	-
Department	DepartmentID, Name, HospitalID	DepartmentID	HospitalID -> Hospital(HospitalID)
Doctor	DoctorID, FullName, Specialty, Phone, Email, DepartmentID	DoctorID	DepartmentID -> Department(DepartmentID)
Patient	PatientID, FullName, Gender, DOB, Phone, Address, Email	PatientID	-
Admission	AdmissionID, PatientID, DepartmentID, AdmissionDate, DischargeDate, RoomNumber	AdmissionID	PatientID -> Patient(PatientID), DepartmentID -> Department(DepartmentID)
Appointment	AppointmentID, PatientID, DoctorID, AppointmentDate, Reason, Status	AppointmentID	PatientID -> Patient(PatientID), DoctorID -> Doctor(DoctorID)
Nurse	NurseID, FullName, Phone, Email, DepartmentID	NurseID	DepartmentID -> Department(DepartmentID)
MedRecord	RecordID, PatientID, DoctorID, Diagnosis, Treatment, RecordDate	RecordID	PatientID -> Patient(PatientID), DoctorID -> Doctor(DoctorID)
Billing	BillID, PatientID, TotalAmount, BillingDate, PaidAmount, PaymentMethod	BillID	PatientID -> Patient(PatientID)
Payment	PaymentID, BillID, PaymentDate, AmountPaid, PaymentMethod	PaymentID	BillID -> Billing(BillID)
Staff	StaffID, FullName, Role, Phone, Email, DepartmentID	StaffID	DepartmentID -> Department(DepartmentID)
Room	RoomID, RoomNumber, Type, DepartmentID, Status	RoomID	DepartmentID -> Department(DepartmentID)