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Project: Hospital Management System

Contents

Many to Many

Entity	Relationship	Entity
Patients	Goes	Doctors
Medications	Med_Prescrip	Prescriptions
Surgeries	Surgeries_Patients	Patients
Nurse	Nurse_Patients	Patients
Shifts	Shift_Nurses	Nurses
Medical_Equipments	Med_Equip_Dept	Department
Blood_Transfusions	BT_Patients	Patients
Medical_Emergencies	Med_E_Hos_Staff	Hospital_Staff

One to One

Entity	Relationship	Entity
Test ———————	Result———————	Test_Result
Rooms———————	Rooms_Patients———————	Patients
Admission —————	Admission_Patients —————	Patients
Admission —————	Admission_Rooms —————	Rooms
Billing —————	Billing_Patients —————	Patients
Payment —————	Payment_Patients —————	Patients
Discharge_Summary —————	Discharg_Summary_Patients ——	Patients

One to Many

Entity	Relationship	Entity
Patients	Takes	Appointments
Patients	Patient_Prescrip	Prescriptions
Doctor	Doct_Prescrip	Prescriptions
Patients	Patients_Test_Result	Test_Result
Rooms	Room_Patients	Patients
Wards	Wards_Patients	Patients
Rooms	Rooms_Bed	Bed
Wards	Wards_Bed	Bed
Inpatient_Medications	Inp_Medications_Patients	Patients
Inpatient_Medications	Inp_Medications_Admission	Admission
Inpatient_Medications	Inp_Medications_Medications	Medications
Lab_Technicians	Lab_Technicians_Tests	Test
Blood_Repository	Blood_Repo_Patients	Patients
Ambulance_Calls	Ambulance_Calls_Patients	Patients
Ambulance	Ambulance_Ambulance_Calls	Ambulacne_Calls

Many to One

Entity	Relationship	Entity
Doctor ————————	Doctor_Dept————————	Departments
Surgeries———————	Surgeries_Doctor———————	Doctor
Birth_Records ————	Birth_Rec_Doctors ————	Doctor
Lab_Technicians ————	Lab_Technicians_Dept ———	Department
Blood_Donors———————	Donors_Blood_Repo———	Blood_Repository
Imaging_Reports ————	Imaging_Reports_Patients —	Patients
Hospital_Staff —————	Hos_Staff_Salary_Group ———	Salary_Group
Medical_Procedure ———————	Med_Procedure_Dept———————	Department