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Project: Hospital Management System**

**Contents**

[**Many to Many** 3](#_Toc161552284)

[**One to One** 4](#_Toc161552285)

[**One to Many** 5](#_Toc161552286)

[**Many to One** 6](#_Toc161552287)

# **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