

# Doctor

ID int Not Null Primary Key  
First Name string ~  
Middle Name string ~  
Last Name string ~  
Address string ~  
Salary float ~  
Is Available bool ~  
Department ID int ~ Foreign Key

## Nurse

ID PK Extra hours  
First Name string ~  
Middle Name string ~  
Last Name string ~  
Address string ~  
Salary float ~  
Is Available bool ~  
Department ID FK  
Doctor ID FK

## Staff

ID PK Extra hours  
First Name string ~  
Middle Name string ~  
Last Name string ~  
Address string ~  
Salary float ~  
Is Available bool ~  
Specialization string Not Null  
Department ID FK

## Manager

ID PK  
First Name string ~  
Middle Name string ~  
Last Name string ~  
Address string ~  
Salary float ~

## Patient

ID PK Identifying (1,2)  
First Name string ~  
Middle Name string ~  
Last Name string ~  
Address string ~  
Gender char Not Null  
Blood type string Not Null  
Age int Not Null

## Medicine

ID PK  
Name unique  
Category string Not Null  
Make in string Not Null  
Price in int Not Null  
Cost Price in int Not Null

## Department - Financial

FK: Dep ID PK  
Date  
Input Budget float Not Null  
Output Budget float Not Null

## Financial of Patient

FK: Patient ID  
FK: Dep ID PK  
Date

# Department

ID PK  
Name unique string Not Null  
Laboratory ID FK  
Emergency ID FK  
Manager ID FK  
Start Date Managing Date Not Null

## Clinic

ID PK  
Name unique  
Is Available  
Cost float Not Null  
Department ID FK  
Room ID PK  
Class char(2) Not Null  
Is Available  
Price float Not Null  
Department ID FK

## Operation Room

ID PK  
Is Available  
Price float Not Null  
Department ID FK

## Emergency Room

ID PK  
Is Available  
Price float Not Null  
Department ID FK

## Laboratory

ID PK  
Is Available  
Description string Not Null

## Test

ID PK  
Name unique  
Price  
Description  
Laboratory ID FK Not Null

## Equipment

ID PK  
Name unique  
Category  
Made in  
Price in  
Is Available

## Financial of Equipment

FK: Dep ID PK  
FK: Equip ID PK  
Date  
FK: Financial of Medicine  
FK: Equip ID PK  
Date  
FK: Medicine ID PK

# Represent My ID

FK: Patient ID PK  
FK: Doctor ID PK  
FK: Patient Report string  
time Not Null state (Wait) (Cancel) (N/A)

## Patient Feedback

FK: Patient ID PK  
FK: Doctor ID PK  
Patient Feedback string Not Null

## Doctor Evaluation

FK: Doctor ID PK  
Date  
Evaluation string Not Null  
Manager ID FK

## Nurse Evaluation

FK: Nurse ID PK  
Date  
Evaluation string Not Null  
Manager ID FK

## Room Class

FK: Dep ID PK  
FK: Class char(2)  
FK: Make in string  
Price float Not Null

## Clinic have Equipment

FK: Clinic ID PK  
FK: Equip ID PK

## Laboratory have Equipment

FK: Lab ID PK  
FK: Equip ID PK

## Operation Room have Equipment

FK: Op ID PK  
FK: Equip ID PK

## Emergency Room have Equipment

FK: Em ID PK  
FK: Equip ID PK

## Room have Equipment

FK: Room ID PK  
FK: Equip ID PK

# Patient Appointment

FK: Patient ID PK  
FK: Doctor ID PK  
FK: Patient Report string  
time Not Null state (Wait) (Cancel) (N/A)

## Patient Feedback

FK: Patient ID PK  
FK: Doctor ID PK  
Patient Feedback string Not Null

## Doctor Evaluation

FK: Doctor ID PK  
Date  
Evaluation string Not Null  
Manager ID FK

## Nurse Evaluation

FK: Nurse ID PK  
Date  
Evaluation string Not Null  
Manager ID FK

## Room Class

FK: Dep ID PK  
FK: Class char(2)  
FK: Make in string  
Price float Not Null

## Clinic have Equipment

FK: Clinic ID PK  
FK: Equip ID PK

## Laboratory have Equipment

FK: Lab ID PK  
FK: Equip ID PK

## Operation Room have Equipment

FK: Op ID PK  
FK: Equip ID PK

## Emergency Room have Equipment

FK: Em ID PK  
FK: Equip ID PK

## Room have Equipment

FK: Room ID PK  
FK: Equip ID PK

# Doctor Shift

FK: Doc ID PK  
Day string Not Null  
Start End shift string Not Null

## Staff Shift

FK: Staff ID PK  
Day string Not Null  
Start End shift string Not Null

## Doctor Phones

FK: Doc ID PK  
Phone num string Not Null

## Patient Phones

FK: Patient ID PK  
Phone num string Not Null

## Nurse Phones

FK: Nurse ID PK  
Phone num string Not Null

## Staff Phones

FK: Staff ID PK  
Phone num string Not Null

## Manager Phones

FK: Manager ID PK  
Phone num string Not Null

## Clinic have Medicine

FK: Clinic ID PK  
FK: Medicine ID PK

## Room have Medicine

FK: Room ID PK  
FK: Medicine ID PK

## Patient take Medicine

FK: Patient ID PK  
FK: Medicine ID PK