DBMS MINI PROJECT

HOSPITAL MANAGEMENT SYSTEM

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All updates of this Project can be checked on this Github link
https://github.com/dheeraj-2000/DBMS_Project

This Document contains some important Functions and schema of Hospital Management System

Functions

1) Patients(N) got *Treated by* Doctor(1) in the Hospital

2) Patients(N) are *Admitted in* Hospital(1)

3) Patient(1) is *Cared by* Nurse(1) in the Hospital

4) Patient(1) *Holds* some Medical Record(1)

5) Nurses(N) *Serves in* Hospital(1)

6) Doctors(N) Works *in* Hospital(1)

7) Hospital(1) *Contains* Wards/Rooms(N)

8) Wards/Rooms(N) *Governed* by Nurses(N)

9) Hospital(1) *Has* Receptionist(1)

10) Receptionist(1) *Maintains* Records(N) like appointments,

Schema

Patient (

PFirstName: CHAR(20) NOT NULL,

PLirstName: CHAR(20),

        PI'd: VARCHAR(10) NOT NULL PRIMARY KEY,

        PAddress: VARCHAR(50), NOT NULL,

        PDateOfBirth: DATE,

        PDiagnosis: VARCHAR(50),

        PContact: INTEGER CHECK (Pcontact <=9999999999 AND

                                    Pcontact >= 0000000000)

)

Hospital (

        HName: CHAR(20) NOT NULL PRIMARY KEY,

        HCity: CHAR(20) NOT NULL,

        HAddress: VARCHAR(50)

)

Medical Record (

        Record I'd: VARCHAR(10) NOT NULL PRIMARY KEY,

        Problem: VARCHAR(50) NOT NULL FOREIGN KEY,

        DateOfExamination: DATE

)

 Doctor(

        DFirstName: CHAR(20) NOT NULL,

        DLirstName: CHAR(20),

        DI'd: VARCHAR(10) NOT NULL PRIMARY KEY,

        Dsex: CHAR(1) NOT NULL,

        DQualification: CHAR (10),

        DContact: INTEGER CHECK (Pcontact <=9999999999 AND

                                    Pcontact >= 0000000000)

)

Nurse(

      NFirstName: CHAR(20) NOT NULL,

      NLirstName: CHAR(20),

      NI'd: VARCHAR(10) NOT NULL,

      NSalary: INTEGER,

      NContact: INTEGER CHECK (Pcontact <=9999999999 AND

                                   Pcontact >= 0000000000)

)