

HOSPITAL MANAGEMENT SYSTEM :: MINI PROJECT

BY..... **RAHUL RATHOD** (BTECH.2nd year, CSE)

PROJECT OBJECTIVE

- To computerize all details regarding patient details & hospital details.
- To automate the process of ward entries.
- To maintain records effectively.
- To manage current status of staff and doctor available .
- The project has information regarding the inpatient details patient details, Billing details and Ambulance details.
- This project includes modules such as

- 1)DOCTOR DETAILS
- 2) PATIENT DETAILED DATA ABOUT HOSPITAL
- 3) BILLING PATIENT
- 4)CONSULTATION

- 5) ROOM/ W A R D DETAILS
- 6) STAFF DETAILS OF HOSPITAL
- 7)ADMINISTRATION AND LOGIN CREDENTIALS.

EXPLANATION :

Each patient is allocated a unique patient identification numbers also known as Hospital No.

- Administration details :: it contains the login data and information regarding respective owner ,HR , STAFF and other members of hospital.
- Patient Details: It keeps track of all details about both patient . Patient id, patient name, address, admitted date, doctor name, room no are entered in a form and stored for future reference. Also particular patient detail scan be viewed in the table using a separate form with a attribute id. This module manages activities related to patient who visits the Hospital Resident Doctor Consultant Doctor for Medical Consultations , diagnosis and treatment.
- Staff Details: It keeps track of all details about doctors and staffs of the hospital. staffs, Doctors, Nurses name, staff id, address, qualification, cell no, e-mail are entered
- Doctor details :: this data base table contain information about doctors ,their consultation they can consult many no of patients , their name , id and also mainly about their department name and also they can have the lab access because they use labs more for their experiments.

Tables:

1. Administration:

A_id	Int, primary key
A_name	Varchar(20)
gendre	Varchar(10)

2. Doctor:

Doctor id	Int , primary key
Doctor name	Varchar(10)

department	Varchar(10)
A_id	Int , fk

3. Staff:

Staff id	Int, pk
Staff name	Varchar(15)
nid	int
salary	int
A_id	Int, fk

4. Patient:

Patient id	Int, pk
name	Varchar(20)
gendre	Varchar(10)
address	Varchar(20)
Room no	int
Date of admit	Datetime(6)
Date o f discharge	Date time(6)
advance	int
Lab no	Int, fk
Doctor id	Int, fk
deasise	Varchar(20)

5. Lab:

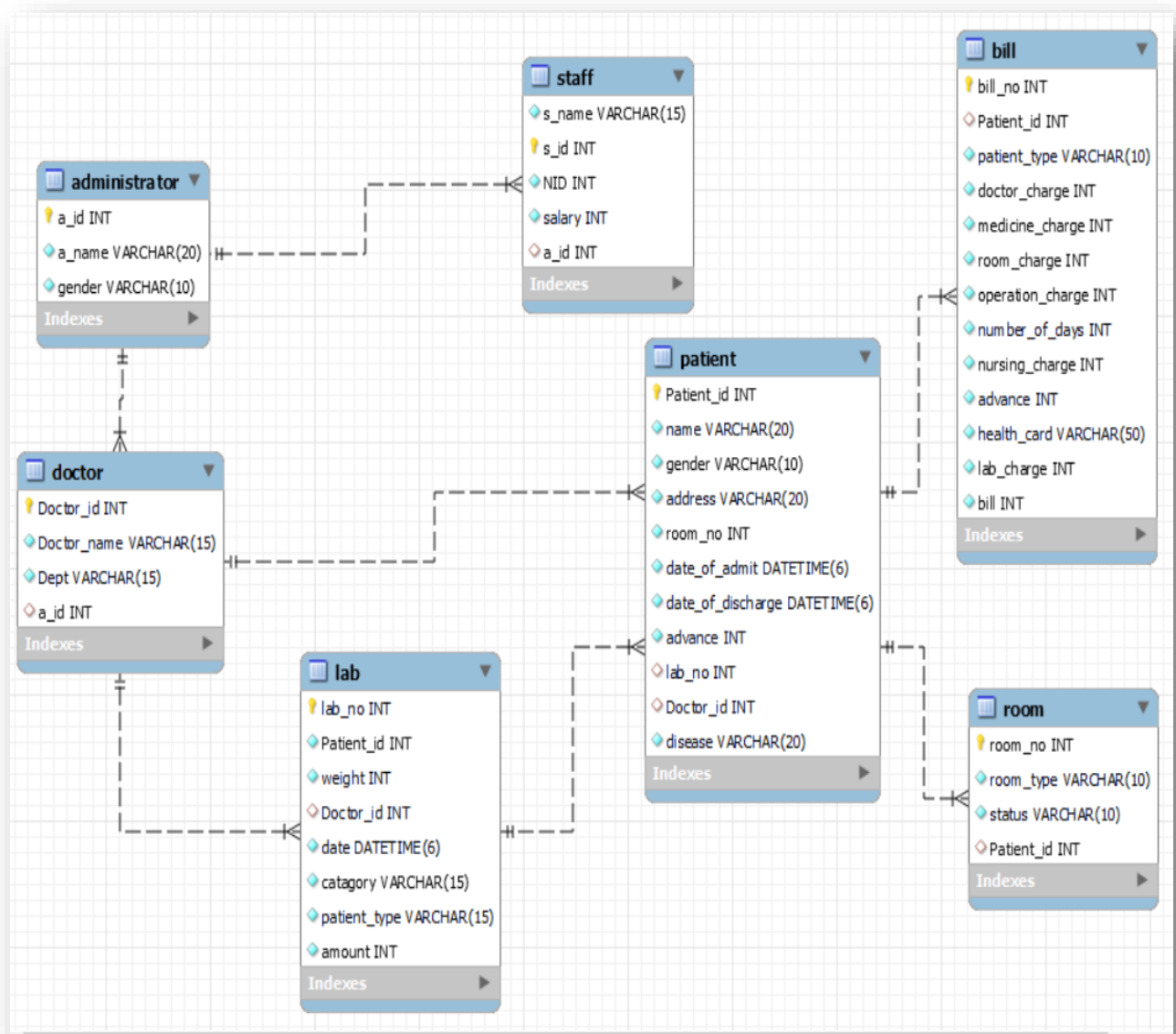
Lab no	Int, pk
Patient id	int
wieght	int
Doctor id	Int, fk
date	Datetime(6)
catogory	Varchar(15)
Patient type	Varchar(15)
amount	Int

6. Room:

Room no	Int, pk
Room type	Varchar(10)
status	Varchar(10)
Patient id	Int, fk

7. Bill:

Bill no	Int, pk
Patient id	Int, fk
Patient type	Varchar(10)
Doctor charge	Int
Medicine charge	Int
Room charge	Int
Operation charge	Int
No of days	Int
Nursing charge	Int
Advance	Int
Health card	Varchar (50)
Lab charge	Int
bill	Int



- After inserting the all values in the above created tables it will work with entries as a big database system.
- And for this project I have to create a website using HTML / CSS which is helpful languages to build a fully developed website.
- I have to create a fully responsive hospital website including all then administration data and all the respective data holder pages.

After completing website build completing website build we have to connect our database system with the website then the full project will be done completely , now we are able to work with the website and now we are ready for submission of this mini project

Thank you

Rahul Rathod