

DOMAIN: HEALTH CARE MANAGEMENT WEBSITE

Entities:

1. Hospital
2. Patient
3. Doctor
4. Para Medical Staff
5. Appointment
6. Drugs
7. Sales
8. Bill
9. Lab
10. Health Insurances

Attributes and Data Types:

Hospital:

1. Hospital Id (Integer): Unique Id for the Hospital
2. Hospital Name (String): Name of the Hospital
3. Hospital Place (String): Place of the Hospital
4. Hospital District (String): District of the Hospital
5. Hospital Pin (Integer): Pin of the Hospital
6. Hospital Ph_No (Integer): Phone number of the Hospital
7. Hospital Mail_Id (String): Email_Id of the Hospital
8. Registration (Text): Hospital registration details
9. Description (Text): A detailed description of the Hospital.
10. Type (Text): Type of the hospital Eg. General, Super Speciality, etc.
11. Departments (Text): Specify various departments of the hospital
12. Bed (Integer): Number of beds
13. Image URL (String): URL of the Hospital Image

Patient:

1. Pat_Id (Integer): Unique Id for the Patient
2. Pat_Name (String): Name of the Patient
3. Gender (text): Gender
4. Blood_group (Text): Blood group
5. D_O_B (Date): date of birth
6. Weight (Text): weight of the patient
7. Place (String): Place of the Person
8. Ph_No (Integer): Phone number of the patient
9. Mail_Id (String): Email_Id of the patient
10. Disease (String): Details of Disease

- 11.Doct_Name (String): Name of the doctor preferred
- 12.Health_Card (String): Health card details

Doctor:

1. Doct_Id (Integer): Unique Id for the Doctor
2. Doct_Name (String): Name of the Doctor
3. Gender (text): Gender
4. D_O_B (Date): date of birth
5. Address (Text): Full address
6. Ph_no (Integer): Phone number of the patient
7. Reg_Det (String): Registration details
8. Qualification (String): qualification details
9. Specialization (String): Specialisation details
- 10.Year_of_Expe (Float): Year of experience
- 11.Consultant_Fee (integer): Consultant_Fee
- 12.Salary (Float): Salary details

Para medical staff:

1. Staff_Id (Integer): Unique Id for the Staff
2. Staff_Name (String): Name of the Staff
3. Gender (text): Gender
4. D_O_B (Date): date of birth
5. Address (Text): Full address
6. Ph_no (Integer): Phone number of the patient
7. Reg_Det (String): Registration details
8. Qualification (String): qualification details
9. Department (String): Specify the department
- 10.Year_of_Expe (Float): Year of experience
- 11.Salary (Float): Salary details

Appointment:

1. Appoint_Id (Integer): Unique Id for Appointment
2. Pat_Id (Integer): Unique Patient_Id
3. Doct_Id (Integer): Unique Doctor_Id
4. Disease (String): Details of Disease
5. Medicine (String): details of medicine used
6. Lab (String): Lab test details
7. Date (Date): Date of Appointment
8. Time (Date/ Time): Date of Appointment
9. Transaction Details (String): Consultant_Fee Status
- 10.Advice (String): any advice from the patient
- 11.Status (String): Appointment is Scheduled or cancelled

Drugs (Pharmacy):

1. Drug_Id (Integer): Unique Drug Id
2. Drug_Name (String): Name of the Drug
3. Category (String): Specify the category of drug belongs
4. Quantity (Integer): Number of medicines
5. Cost (Float): Price of the drug
6. Manufacturer (String): Manufacturer of the drug
7. Supplier (String): Supplier details of the drug
8. Manuf_date (date): Manufacturing date
9. Expiry_date (date): Date of the drug will expire
10. Batch_No (Integer): Batch Number
11. Order_Level (Integer): Reorder level

Sales (Drugs):

1. Sale_Id (Integer): Unique Sale Id
2. Drug_Id (Integer): Unique Drug Id
3. Pat_Id (Integer): Unique Patient Id
4. Doct_Id (Integer): Unique Doctor Id
5. Price (Float): Price of the drug
6. Quantity (Integer): Quantity of drugs sold
7. Discount (Integer): Discount amount
8. Sales_Date (Date): Sales Date
9. Remark (String): Sales return / any other information
10. Total Price (Float): Total Price of the drug

Bill:

1. Bill_Id (Integer): Unique Bill Id
2. Bill_Date (String): Date
3. Patie_Id (Integer): Unique Patient Id
4. Doct_Id (Integer): Unique Doctor Id
5. Med_Charge (Integer): Total medicine amount
6. Room_Charge (Integer): Total Room rent
7. Nurs_Charge (Integer): Total Nursing care amount
8. Lab_Charge (Integer): Total Lab amount
9. Adm_Date (Date): Admission date
10. Dis_Date (Date): Discharge date
11. Status (String): Payment status

Health Insurance:

1. Policy_No (String): Policy number of patient
2. Pati_Id (Integer): patient unique id
3. Ins_Code (Text): Insurance code
4. Start_date (Date): Starting date
5. End_date (Date): Ending date
6. Plan (Text): Insurance plan
7. Provider (String): Name of Insurance provider
8. Pay_amount (float): Maximum payment amount
9. Coverage (Text): insurance coverage details
10. Remarks (text): remarks related to insurance

Lab:

1. Lab_Id (Integer): Unique Lab Id
2. Test_Id (Integer): Unique Lab test Id
3. Patie_Id (Integer): Unique Patient Id
4. Doct_Id (Integer): Unique Doctor Id
5. Technician_Id (Integer): Unique Technician Id
6. Test_Price (Float): Price of the Test
7. Discount (Integer): Discount amount
8. Test_Date (Date): Test Date
9. Result_Date (Date): Result date
10. Remark (String): remark about lab tests
11. Total Price (Float): Total Price of the Lab test

