**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

