Project sql:

1. CREATE DATABASE hospital;
2. CREATE TABLE admins(
   admin_id varchar(255) NOT null,
   first_name varchar(255) NOT null,
   last_name varchar(255) NOT null,
   address varchar(255) NOT null,
   dob date NOT null,
   phone varchar(255) NOT null,
   gmail varchar(255) not null,
   password varchar(255) NOT null,
   PRIMARY KEY (admin_id)
   );

3. CREATE TABLE doctors(

   doc_id varchar(255) NOT null,

   first_name varchar(255) NOT null,

   last_name varchar(255) NOT null,

   address varchar(255) NOT null,

   dob date NOT null,

   gender varchar(255) not null,

   phone varchar(255) NOT null,

   gmail varchar(255) not null,

   password varchar(255) NOT null,

   PRIMARY KEY (doc_id)

   );

4. CREATE TABLE patients(

   pt_id varchar(255) NOT null,

   first_name varchar(255) NOT null,

   last_name varchar(255) NOT null,

   address varchar(255) NOT null,

   dob date NOT null,

   gender varchar(255) not null,

```sql
    phone varchar(255) NOT null,

    gmail varchar(255) not null,

    password varchar(255) NOT null,

    PRIMARY KEY (pt_id)

    );
```

5. CREATE TABLE rooms(

```sql
    room_no varchar(255) NOT null,

    room_type varchar(255) NOT null,

    cost_day decimal(8,2) DEFAULT 0.00 NOT null,

    capacity int (100) not null DEFAULT 0,

    PRIMARY KEY(room_no)

    );
```

6. CREATE TABLE diseases(

```sql
    diss_name varchar(255) NOT null,

    diss_details varchar(255) NOT null,

    PRIMARY KEY (diss_name)

    );
```

7. CREATE TABLE dissexprt(

```sql
   diss_name varchar(255),

   doc_id varchar(255),

   PRIMARY KEY(diss_name,doc_id),

   FOREIGN KEY(diss_name) REFERENCES diseases(diss_name),

   FOREIGN KEY (doc_id) REFERENCES doctors(doc_id)

   );
```

8. CREATE TABLE appointments(

```sql
    pt_id varchar(255),
```

```sql
    doc_id varchar(255),

    ap_date date NOT null,

    PRIMARY KEY (pt_id,doc_id),

    FOREIGN KEY (pt_id) REFERENCES patients(pt_id),

    FOREIGN KEY (doc_id) REFERENCES doctors(doc_id)

    );
```

9.
```sql
   CREATE TABLE visits(

    visit_id int NOT null AUTO_INCREMENT,

    pt_id varchar(255) NOT null,

    doc_id varchar(255)NOT null,

    visit_date date NOT null,

    diss_name varchar(255) NOT null,

    suggestions varchar(255),

    PRIMARY KEY(visit_id),

    FOREIGN KEY (pt_id) REFERENCES patients(pt_id),

    FOREIGN KEY(doc_id) REFERENCES doctors(doc_id),

    FOREIGN KEY(diss_name) REFERENCES diseases(diss_name)


    );
```

10.
```sql
    CREATE TABLE bills(

    bill_no int(200) NOT null AUTO_INCREMENT,

    pt_id varchar(255) NOT null,

    amount decimal(10,2) DEFAULT 0.00 NOT null,

    paid_date Date,

    statuss varchar(255) DEFAULT "Due",

    cause varchar(255) not null,

    PRIMARY KEY(bill_no),
```

```
        FOREIGN KEY(pt_id) REFERENCES patients(pt_id)

    );

11. CREATE TABLE admits(

    pt_id varchar(255),

    room_no varchar(255) not null,

    admit_date date NOT null,

    doc_ref varchar(255) not null,

    diss_name varchar(255) not null,

    PRIMARY KEY (pt_id),

    FOREIGN KEY (pt_id) REFERENCES patients(pt_id),

    FOREIGN KEY (room_no) REFERENCES rooms(room_no),

    FOREIGN KEY (doc_ref) REFERENCES doctors(doc_id),

    FOREIGN KEY (diss_name) REFERENCES diseases(diss_name)


    );

12. CREATE TABLE idgenerator(

    pt_count int DEFAULT 0,

    doc_count int DEFAULT 0

    );
```