

## Hospital Database Table

**Table : Login**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	Id	Int		Not Null
UK	Username (Email/Mobile Number)	Varchar	30	Not Null
	Password	Varchar	10	Not Null
	Role	Enum	30	Not Null

**Table : Hospital Details**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK (AID)	Hospital_Id	Int		Not Null
	Hospital_Name	Varchar	50	Not Null
	Hospital_Speciality	Varchar	100	Not Null
	Contact_No.	Int	10	Not Null
	Email_Id	Varchar	50	Not Null
	Status	Varchar	10	Not Null
FK	Location_Id	Int	10	Not Null

**Table : Doctor Data**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	DoctorData_Id	Int		Not Null
FK	Doctor_Id	Int		Not Null
FK	Hospital_Id	Int		Not Null

**Table : Review**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	Rating_Id	Int		Not Null
	Rating	Int	50	Not Null
	Date	Date		Not Null
FK	Doctor_Id	Int		Not Null
FK	Patient_Id	Int		Not Null

## **Doctor Database Tables**

**Table : Doctor's Details**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	Doctor_Id	Int		Not Null
FK	Information_Id	Int		Not Null
	Graduation	Varchar	30	Not Null
	Post_Graduation	Varchar	30	Not Null
	Specialization	Varchar	30	Not Null
	Language_Known	Varchar	50	Null
	Experience	Int	10	Null
	Diseases	JSON		Not Null
FK	Location_Id	Int		Not Null
FK	Slot_Id	Int		Not Null

**Table: Doctor's Availability**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	Availability_Id	Int		Not Null
FK	Doctor_Id	Int		Not Null
	Date	Date		Not Null
	Start_Time	Time		Not Null
	End_Time	Time		Not Null
	Availability_Status	enum		Not Null

## Patient Database Tables

Table : Patient's Details

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	Patient_Id	Int		Not Null
FK	Information_Id	Int		Not Null
FK	Location_Id	Int		Not Null
FK	Parameter_Id	Int		Not Null

Table : Patient's Parameter

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	Parameter_Id	Int		Not Null
	Height	Int	10	Not Null
	Weight	Int	10	Not Null
	BMI	Int	10	Not Null
	HB	Int	10	Not Null
	Blood Group	Varchar	10	Not Null
	Blood Pressure	Int	10	Not Null
	Blood Sugar	Int	10	Not Null

## Health Timeline

**Table : Health Timeline**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	HealthTimeLine_Id	Int		Not Null
	Medicine	Varchar	50	Not Null
	Date	Date		Not Null
	Symptoms	Varchar	100	Not Null
	Advice	Varchar	100	Null
	Remark	Varchar	100	Null
FK	Doctor_Id	Int		Not Null
FK	Patient_Id	Int		Not Null

## Appointment Database Table

**Table : Appointment**

Key Type/ Constraint	Column Name	Data Type	Length	Allow Null
PK	Appointment_Id	Int		Not Null
	Appointment_Date	Date		Not Null
	Appointment_StartTime	Time		Not Null
	Appointment_EndTime	Time		Not Null
	Appointment_Type	Varchar	255	Not Null
	Appointment_visited	Enum		Not Null
	Status	Varchar	10	Null
FK	Hospital_Id			
FK	Doctor_Id	Int		Not Null
FK	Patient_Id	Int		Not Null
FK	Slot_Id	Int		Not Null

## Slots

Table : Today's Slot

Key Type/ Constraint	Column Name	Data Type	Length	Allow Null
PK	Slot_Id	Int		Not Null
	Slot_Time	Time		Not Null
	Slot_Size	Int	10	Not Null
	Slot_Booked	Int	50	Null

## ChatBot

Table : ChatBot

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	ChatBot_Id	Int		Not Null
	Symptoms	Varchar	100	Not Null
	Information	Varchar	100	Not Null

## Default Tables

Table : Basic Information

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	Information_Id	Int		Not Null
	First_Name	Varchar	30	Not Null
	Last_Name	Varchar	30	Not Null
	Email_Address	Varchar	30	Not Null
	DOB	Date		Not Null
	Age	Int	5	Null
	Gender	Varchar	5	Null
	Mobile_Number	Varchar	10	Not Null
UK	Adhar_Card	Int	20	Not Null

**Table : Location**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK (AID)	Location_Id	Int		Not Null
	Plot/Flat No.	Int	10	Not Null
	Building Name	Varchar	50	Not Null
FK	State Code	Int	10	Not Null
FK	City Code	Int	10	Not Null
FK	PIN Code	Int	10	Not Null

**Table : State**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	State_Id	Int	10	Not Null
	State Name	Varchar	30	Not Null
	Status	Varchar	50	Not Null

**Table : City**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	City_Id	Int	10	Not Null
	City_Name	Varchar	30	Not Null
	Status	Varchar	50	Not Null

**Table : Area**

Key Type / Constraints	Column Name	Data Type	Length	Allow Null
PK	PIN_Code	Int	10	Not Null
	Area_Name	Varchar	30	Not Null
	Status	Varchar	50	Not Null