Table Design

1. tbl_login

Primary Key: login_id

Description: this table is for login credentials

Fieldname	Datatype (Size)	Key Constraints	Description of the field
login_id	int	Primary key	Auto Increment
email	varchar (100)	Not null	Username
password	varchar (100)	Not null	password
otp_code	int	Not null	Otp code generate on forget password
User type	int	Not	Users types
Status	int	Not Null	Active /Deactive
Online	int	Not Null	Live/Not
Login Details	Timestamp	NotNull	Login time and date

2. tbl_users

Primary Key : user_id

Foreign Key : login_id References table tbl_login

Description : this table is for registered users

Fieldname	Datatype(size)	Key Constraints	Description of the field
user_id	Int	Primary key	Users id (AutoIncrement)
login_id	int	Foreign key	Login id Referes to tlb_Login Table
firstname	Varchar (50)	Not null	First name
lastname	Varchar (50)	Not null	Last name
phone	Varchar (10)	Not null	Mobile number
address	Varchar (100)	Not null	Address

3. tbl_doctor

Primary Key: doc_id

Foreign Key: login_id References table tbl_login, spec_id references tbl_speciality

Description   : this table is for registered doctor

Fieldname	Datatype(size)	Key Constraints	Description of the field
doc_id	Int	Primary key	Doctor id (Auto Increment)
login_id	int	Foreign key	Login id Referes to tlb_Login Table
spec_id	int	Foreign key	Speciality id
firstname	Varchar (50)	Not null	Doctor's first name
lastname	Varchar (50)	Not null	Doctor's last name
dob	date	Not null	Date of birth
email	Varchar (100)	Not null	E-mail of doctor
gender	enum('male', 'female')	Not null	gender
phone	mediumint(10)	Not null	Mobile number
address	Varchar (200)	Not null	Address
qualification	Varchar (100)	Not null	Qualification
consultancy_fees	int	Not null	Consulting fees
password	Varchar (50)	Not null	Password
user_status	Varchar (50)	Not null	User Status

4.tbl_specialties

Primary Key :   spec_id

Description   : this table is for storing doctor specialties

Fieldname	Datatype(Size)	Key Constraints	Description of the field
spec_id	int	Primary key	Specialty type id
spec_name	varchar	Not null	Specialty name
specstatus	Int	Not null	status

5. tbl_timeslot

Primary Key: id

Foreign Key: doctor References table tbl_doctor

Description: this table shows scheduled time slots

Fieldname	Datatype(Size)	Key Constraints	Description of the field
id	int	Primary key	Time slot id
doctor	int	Foreign key	Doctor id
time_slots	varchar(50)	Not null	Slots

6. tbl_payment

Primary Key: pay_id
Foreign Key: user_id References table tbl_users
Description: table for payment

Fieldname	Datatype(size)	Key Constraints	Description of the field
Pay_id	int	Primary key(Auto increment)	Pay id
user_id	int	Not null	user id(foreign key)
date	date	Not null	Payment date
Price	Int	Not null	Amount paid
status	varchar(7)	Not null	Payment status

7. tbl_symptom

Primary key: Symptom_id
Description: This table stores Symptom details

Fieldname	Datatype(size)	Key Constraints	Description of the field
Symptom_id	int	Primarykey (Auto increment)	Symptom id
Symptomname	Varchar(100)	Not null	Symptom name

8. tbl_casesheet

Primary Key: ID
Foreign Key: PatientID References table tbl_patient
Description: this table for medical history

Fieldname	Datatype(size)	Key Constraints	Description of the field
ID	Int	Primary key	User ID
PatientID	int	Foreign key	Patient Id
Disease	varchar(100)	Not null	Disease name
Drug	Varchar(100)	Not null	Drugs suggested
Service	Varchar(500)	Not null	Service suggested
MedicalPres	text	Not null	Medical Prescription
CreationDate	timestamp	Not null	Ceeation Date

9. tbl_patient

Primary Key: patient_id
Foreign Key: doc_id References table tbl_doctor , login_id references tbl_login
Description: this table for patient records

Fieldname	Datatype(size)	Key Constraints	Description of the field
Patient_id	int	Primary key	Patient id
doc_id	int	Foreign key	Dcotor Id
Ligin_id	Int	Foreign key	Login id
PatientName	varchar (50)	Not null	Patient Name
PatientContno	int	Not null	Patient Contact number
PatientEmail	varchar(100)	Not null	Patient Email
PatientGender	varchar(500)	Not null	Patient Gender
PatientAdd	text	Not null	Patient Address
PatientAge	int	Not null	Patient Age
PatientMedhis	text	Not null	Patient Medical history
CreationDate	timestamp	Not null	Creation date
UpdationDate	timestamp	Not null	Updation Date

10. Tbl_notification
Primary key: Notification_id.
Foreign key: user_id referencing tbl_users
Description: Table stores notification sent to users regarding appointment

Fieldname	Datatype(size)	Key Constraints	Description of the field
Notification_id	int	Primarykey (Autoincrement)	Notification id
User_id	int	Not null	Foreignkey referencing tbl_users table
Notification_type	enum	Not null	Type of notification(eg. "email","sms")
Message	text	Not null	Notification content
timestamp	datetime	Not null	Date and time of notification

11. Tbl_ Usersymptom
Primary key: UserSymptom_id
Foreign key: user_id referencing tbl_users and symptom_id referencing symptom table
Description: Table to link users and symptoms

Fieldname	Datatype(size)	Key Constraints	Description of the field
UserSymptom_id	int	Primarykey (Autoincrement)	User Symptom id
User_id	int	Not null	Foreignkey referencing tbl_users table
Symptom_id	int	Not null	Foreignkey referencing symptom table

12.Tbl_ Doctorsymtom
Primary key: DoctorSymptom_id
Foreign key: doc_id referencing tbl_doctor and symptom_id referencing symptom table
Description: Table to link doctor and symptoms

Fieldname	Datatype(size)	Key Constraints	Description of the field
DoctorSymptom_id	int	Primarykey (Autoincrement)	Doctor Symptom id
Doc_id	int	Not null	Foreignkey referencing tbl_doctor table
Symptom_id	int	Not null	Foreignkey referencing symptom table

13.tbl_doctorbooking

Primary Key : book_id

Foreign Key :login_id References table tbl_login, spec_id References table tbl_specialties, doc_id
         References table tbl_doctor

Description : this table is for doctor booking

Fieldname	Datatype(size)	Key Constraints	Description of the field
Book_id	int	Primary key	Booking Id
login_id	int	Foreign key	Login id
aptnumber	int	Not null	Appointment number
aptdate	date	Not null	Appointment date
aptTime	varchar100)	Not null	Booking time slot
spec_id	int	Foreign key	Specialty id
doc_id	int	Foreign key	Doctor id
consultingfee	Int	Not null	Consulting fees
message	varchar(100)	Not null	Message
BookingDate	timestamp	Not null	Booking date
remark	varchar (100)	Not null	Remark
status	varchar (10)	Not null	Status
payment_stts	varchar (20)	Not null	Payment status

14.tbl_rewiew

Primary key: review_id

Foreign key: patient_id references tbl_patient, doctor_id references tbl_doctor

Description: This table is for Reviews

Fieldname	Datatype(size)	Key Constraints	Description of the field
Review_id	int	Primary key(auto increment)	Review id
Patient_id	int	Not null	Foreign key references tbl_patient
Doctor_id	int	Not null	Foreign key references tbl_doctor
rating	int	Not null	Rating of the doctor
review	text	Not null	review
Review_date	date	Not null	Review date