Table Name: Patients

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	patient_id	bigint	pk		increment	FALSE	TRUE
2	name	varchar(50)				FALSE	FALSE
3	birth date	timestamp				FALSE	FALSE
4	contact info	int				FALSE	TRUE
5	insurance details	text				TRUE	TRUE
6	medical_history	text				TRUE	TRUE

Table Name: Doctors

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	doctor_id	bigint	pk		increment	FALSE	TRUE
2	name	varchar(50)				FALSE	FALSE
3	specialization	varchar(50)				TRUE	FALSE
4	contact info	varchar(50)				FALSE	TRUE
5	license number	varchar(50)				FALSE	TRUE
6	sub_specialization	varchar(50)				TRUE	FALSE

Table Name: Appoinments

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	appointment_id	bigint	pk		increment	FALSE	TRUE
2	date	timestamp				FALSE	FALSE
3	time	timestamp				FALSE	FALSE
4	reason_of_visit	varchar				FALSE	FALSE
5	status	varchar				FALSE	FALSE
6	follow_up	varchar				FALSE	FALSE
7	referrals	varchar				FALSE	FALSE
8	patient_id	bigint	fk			FALSE	TRUE
9	doctor_id	bigint	fk			FALSE	TRUE

Table Name: medical_records

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	record_id	bigint	pk		increment	FALSE	TRUE
2	patient_id	bigint	fk			FALSE	TRUE
3	doctor_id	bigint	fk			FALSE	TRUE
4	date	timestamp				FALSE	FALSE
5	diagnosis	varchar				FALSE	FALSE
6	notes	text				TRUE	FALSE
7	lab_results	varchar				TRUE	FALSE
8	imaging_reports	varbinary				TRUE	FALSE
9	prescription_details	text				TRUE	FALSE

Table Name: Nurse

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	nurse_id	bigint	pk		increment	FALSE	TRUE
2	name	varchar				FALSE	FALSE
3	conatct	varchar				FALSE	TRUE

Table Name: Treatments

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	treatment_id	bigint	pk		increment	FALSE	TRUE
2	description	text				FALSE	FALSE
3	cost	integer				FALSE	FALSE
4	duration	timestamp				FALSE	FALSE
5	dosage	varchar				FALSE	FALSE
6	freq_of_visit	varchar				FALSE	FALSE
7	admit_date	timestamp				FALSE	FALSE
8	discharge_date	timestamp				FALSE	FALSE
9	patient_id	bigint	fk			FALSE	TRUE
10	doctor_id	bigint	fk			FALSE	TRUE
11	nurse_id	bigint	ffffk			FALSE	TRUE

Table Name: wards

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	ward_id	bigint	pk		increment	FALSE	TRUE
2	name	varchar(50)				FALSE	FALSE
3	capacity	integer				FALSE	FALSE
4	type	varchar(50)				FALSE	FALSE
5	patient_id	bigint	fk			FALSE	TRUE
6	occupany_rate	integer				FALSE	FALSE
7	available_beds	integer				FALSE	FALSE

Table Name: doc_pat

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	d_p_id	bigint	pk		increment	FALSE	TRUE
2	doctor_id	bigint	fk			FALSE	TRUE
3	patient_id	bigint	fk			FALSE	TRUE

Table Name: treat_rec

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	t_r_id	bigint	pk		increment	FALSE	TRUE
2	treatment_id	bigint	fk			FALSE	TRUE
3	record_id	bigint	fk			FALSE	TRUE

Table Name: doc_ward

Sr. No.	Column	Data Type	Key	Reference	Constraint	IsNullable	IsUnique
1	d_w_id	bigint	pk		increment	FALSE	TRUE
2	doctor_id	bigint	fk			FALSE	TRUE
3	ward_id	bigint	fk			FALSE	TRUE