

# MediTrack: Relational Database for Patient Health Insights

## Data Description

This health database consists of **three relational tables** with a one-to-many relationship among them:

Table 1: **Patients**

Column Name	Data Type	Description
patient_id	INT (PK)	Unique identifier for each patient
name	VARCHAR	Full name of the patient
age	INT	Age in years
gender	VARCHAR	Gender (e.g., Male, Female, Other)
city	VARCHAR	City of residence
registration_date	DATE	Date when the patient registered in system

Table 2: **Appointments**

Column Name	Data Type	Description
appointment_id	INT (PK)	Unique ID for each appointment
patient_id	INT (FK)	References <b>Patients(patient_id)</b>

appointment_date	DATE	Date of the appointment
doctor_name	VARCHAR	Name of consulting doctor
department	VARCHAR	Medical department (e.g., Cardiology, General)
diagnosis	VARCHAR	Diagnosis made during the appointment

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**Table 3: Medications**

Column Name	Data Type	Description
medication_id	INT (PK)	Unique ID for each medication prescribed
appointment_id	INT (FK)	References <a href="#">Appointments(appointment_id)</a>
medicine_name	VARCHAR	Name of the medicine prescribed
dosage_per_day	INT	Times medicine should be taken per day
duration_days	INT	Number of days the medicine is prescribed for