Relationship Schema

Patient

Patient_ID	Name	Gender	Allergies	Contact	Address	Doctor_ID

Doctor

Doctor_ID	Doc_Name	Hospital	Contact

Pharmacy

Pharmacy_ID	Name	Address	Pincode	Patient_ID	Employee_ID

Medicine

Drug_ID	Manufacturer	Quantity	Price	Doctor_ID	Pharmacy_ID

Supplier

Supplier_ID	Supplier_Name	Quoted_Price	Years_of_service

Employee

Employee_ID	Name	Sex

Bill

Bill No	Name	Doctor	Employee	Amount	Pharmacy_ID

Supplies

Supplier_ID	Drug_ID	Price

Entity-Relationship Diagram — Pharmacy Management System

Entities and attributes:

- **Patient**: Patient_ID (key), Name, Gender, Contact, Allergies, Address
- **Pharmacy**: Pharmacy_ID (key), Address, Name, Pincode
- **Bill**: Bill_No (key), Amount, Name, Doctor, Employee
- **Employee**: Employee_ID (key), Sex, Name
- **Supplier**: Supplier_ID (key), Supplier_Name, Quoted_Price, Years_of_Service
- **Doctor**: Doctor_ID (key), Hospital, Doc_Name, Specification, Contact
- **Medicine**: Drug_ID (key), Manufacturer, Price, Quantity

Relationships:

- Patient 1 — Buys from — 1 Pharmacy
- Pharmacy 1 — Generates — N Bill
- Pharmacy — Sells — Bill
- Patient N — Seen By — 1 Doctor
- Pharmacy 1 — Has — Employee
- Doctor 1 — Prescribes — N Medicine
- Supplier M — Supplies — N Medicine
- Bill N — Medicine