

# Pharmacy Management System - Database Schema & Attribute Explanation

## Suppliers

Attribute	Purpose / Meaning	Example
supplier_id	Unique ID for each supplier (primary key).	1
name	Name of the supplier company.	Cipla Ltd.
contact_email	Supplier's contact email.	sales@cipla.com
phone	Supplier's phone number.	+91-9876543210
created_at	Timestamp when supplier record was created.	2025-10-17 12:45:33

## Customers

Attribute	Purpose / Meaning	Example
customer_id	Unique ID for each customer.	101
name	Name of the customer.	John Doe
phone	Customer's contact number.	9998887776
email	Customer's email address.	john@example.com
address	Residential address for delivery.	23 Green Street, Vellore
created_at	Time when the customer record was created.	2025-10-17 09:10:00

## Medicines

Attribute	Purpose / Meaning	Example
medicine_id	Unique ID for each medicine.	5001
name	Name of the medicine.	Paracetamol
pharma_form	Form of the medicine (tablet, syrup, etc.).	Tablet
strength	Dosage strength of the medicine.	500 mg
unit_price	Price per unit (tablet/bottle).	2.50
supplier_id	FK: supplier providing this medicine.	1
expiry_date	Expiration date of the batch.	2026-02-15
created_at	Record creation timestamp.	2025-10-17 10:20:45

## Orders

Attribute	Purpose / Meaning	Example
order_id	Unique ID for each order.	3001

order_date	Date the order was created.	2025-10-17
customer_id	FK: customer placing the order.	101
total_amount	Total amount of the order.	500.00
status	Order status (NEW, COMPLETED, etc.).	COMPLETED

## Order\_Items

Attribute	Purpose / Meaning	Example
order_item_id	Unique ID for each order item.	9001
order_id	FK: links to Orders table.	3001
medicine_id	FK: links to Medicines table.	5001
quantity	Number of units ordered.	10
unit_price	Price per unit of medicine.	2.50
line_total	Calculated total (quantity * unit_price).	25.00

## Relationships Summary

Relationship	Type	Meaning
Suppliers → Medicines	1 : Many	One supplier provides many medicines.
Customers → Orders	1 : Many	One customer can place multiple orders.
Orders → Order_Items	1 : Many	One order can have multiple items.
Medicines → Order_Items	1 : Many	A medicine can appear in many order items.