

Step 1: Unnormalized Form (UNF)

Order ID	User ID	User Name	Medicine ID	Medicine Name	Quantity	Total Price	Contact	Address	Transaction ID	Status	Paid Status
1	101	Musa	201	Paracetamol	2	20.00	123456	XYZ	TXN12345	Shipped	1
2	102	Rakib	202	Ibuprofen	1	10.00	789101	ABC	TXN67890	Pending	0

Step 2: First Normal Form (1NF):

Order ID	User ID	User Name	Medicine ID	Medicine Name	Quantity	Total Price	Contact	Address	Transaction ID	Status	Paid Status
1	101	Musa	201	Paracetamol	2	20.00	123456	XYZ	TXN12345	Shipped	1
1	101	Musa	201	Paracetamol	2	20.00	123456	XYZ	TXN12345	Shipped	1
2	102	Rakib	202	Ibuprofen	1	10.00	789101	ABC	TXN67890	Pending	0

Step 3: Second Normal

Order ID	User ID	Total Price	Transaction ID	Status	Paid Status
	101	30.00	TXN12345	Shipped	1
	102	10.00	TXN67890	Pending	0

Order Details Table:

Order ID	Medicine ID	Quantity
1	201	2
1	202	1
2	202	1

Step 4: Third Normal Form (3NF)

User ID	Name	Contact	Address
101	Musa	123456	XYZ St
102	Rakib	789101	ABC St

Medicine Table:

Medicine ID	Medicine Name	Type	Strength	Company	Side Effects	Storage Conditions	Price
201	Paracetamol	Pain Reliever	500mg	XYZ Pharma	None	Room Temp	10.00
202	Ibuprofen	Anti-inflammatory	200mg	ABC Pharma	Drowsiness	Cool Place	10.00