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Database

1.

A retail system includes Customers and Order entities. Each customer can place multiple orders, but each order belongs to one customer. Customers are identified by a unique customerID, while orders are identified by OrderID. The relationship between them is 1:N.

2.

Customer table;

Primary key: CustomerID

Attributes: Name, Phone, Email

Order table;

Primary key: OrderID

Foreign key: CustomerID

3.Normalized table

CustomerID	Name	Phone number
1	Max	875969
1	Max	875969

4.

Data integrity ensures accuracy and consistency of data in a database. In a hospital database, it prevents invalid patients records, duplicate entries, and incorrect relationships. Constraints such as primary keys, foreign keys, and validation rules ensure that patients, doctors, and treatment data remains reliable.