Pharmacy Inventory System – Database Tables with Data Types (10 Tables)

1. USERS

- UserID INT PRIMARY KEY AUTO_INCREMENT

- FullName VARCHAR(100)

- Email VARCHAR(150) UNIQUE

- PasswordHash VARCHAR(255)

- Role VARCHAR(50)

- CreatedAt DATETIME

2. SUPPLIERS

- SupplierID INT PRIMARY KEY AUTO_INCREMENT

- SupplierName VARCHAR(150)

- ContactPerson VARCHAR(100)

- Phone VARCHAR(20)

- Address VARCHAR(255)

3. CATEGORIES

- CategoryID INT PRIMARY KEY AUTO_INCREMENT

- CategoryName VARCHAR(100) UNIQUE

4. MEDICINES

- MedicineID INT PRIMARY KEY AUTO_INCREMENT

- CategoryID INT (FK → Categories.CategoryID)

- SupplierID INT (FK → Suppliers.SupplierID)

- MedicineName VARCHAR(150)

- BrandName VARCHAR(150)

- Description TEXT

- UnitPrice DECIMAL(10,2)

- ReorderLevel INT

- CreatedAt DATETIME

5. BATCHES

- BatchID INT PRIMARY KEY AUTO_INCREMENT

- MedicineID INT (FK → Medicines.MedicineID)

- BatchNumber VARCHAR(100)

- ExpiryDate DATE

- MRP DECIMAL(10,2)

- PurchasePrice DECIMAL(10,2)

6. STOCK

- StockID INT PRIMARY KEY AUTO_INCREMENT

- BatchID INT (FK → Batches.BatchID)

- QuantityAvailable INT

- LastUpdated DATETIME

7. CUSTOMERS

- CustomerID INT PRIMARY KEY AUTO_INCREMENT

- FullName VARCHAR(150)

- Phone VARCHAR(20)

- Address VARCHAR(255)

8. SALES

- SaleID INT PRIMARY KEY AUTO_INCREMENT

- CustomerID INT (FK → Customers.CustomerID)

- UserID INT (FK → Users.UserID)

- SaleDate DATETIME

- TotalAmount DECIMAL(10,2)

9. SALESDETAILS

- SaleDetailID INT PRIMARY KEY AUTO_INCREMENT

- SaleID INT (FK → Sales.SaleID)

- BatchID INT (FK → Batches.BatchID)

- Quantity INT

- SellingPrice DECIMAL(10,2)

- SubTotal DECIMAL(10,2)

10. PURCHASEORDERS

- POID INT PRIMARY KEY AUTO_INCREMENT

- SupplierID INT (FK → Suppliers.SupplierID)

- OrderDate DATETIME

- TotalAmount DECIMAL(10,2)

- Status VARCHAR(50)