ANUDIP FOUNDATION

A Project Report on

“Furniture Business Management

System Project”

By

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“Furniture Business Management

System Project”

Entities:

- Admin
- Customer
- Furniture
- Inventory
- Order
- Payment
- supplier

VARIOUS ENTITIES:

1. Admin

- **id**
- UserName
- Email
- password

2. Customer

- **Email**
- Id
- password
- username

3. Furniture

- ID
- Name
- Price
- Quantity
- Supplier
- Type

4. Inventory

- Change Quantity
- furniture
- Id
- Remark
- Stock Date
- Stock Qunatity

5. Order

- Customer
- Furniture
- Id
- Order Date
- Quantity
- Total price

6.Payment

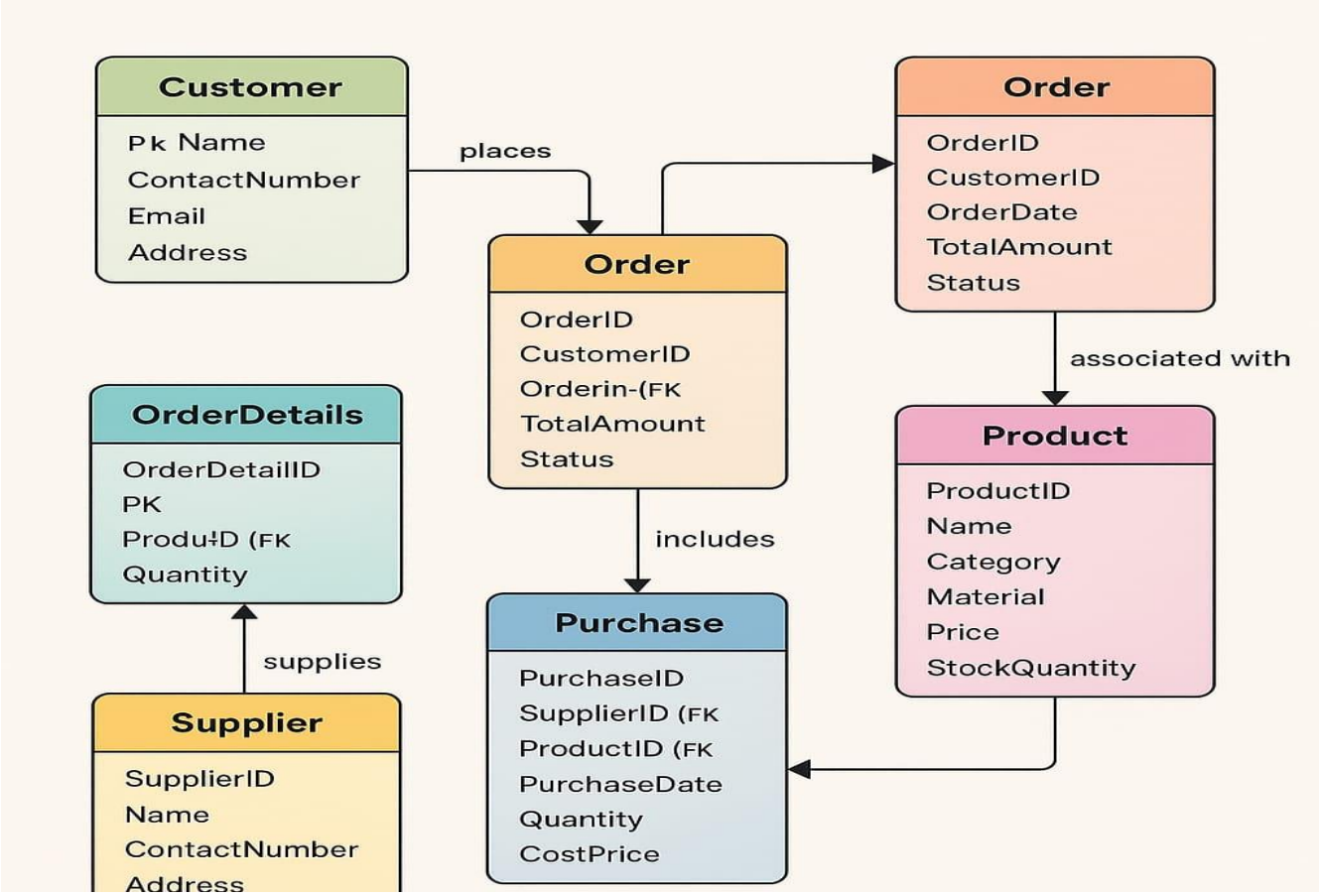
- Amount
- Id
- Order
- Payment date
- Payment Method

7.Supplier

- Address
- Contact number
- Email
- Furniture List
- Id
- Name

ENTITY RELATIONSHIP DIAGRAM –

Furniture Business Management System Project



CONCLUSION:

In Conclusion, The Furniture Business Management System ER diagram efficiently represents key entities—Customer, Product, Order, Supplier, and their relationships—enabling streamlined management of orders, inventory, and supplier interactions for a well-organized business operation.

DATABASE CREATION QUERY:

```
CREATE DATABASE FurnitureBusinessDB;
USE FurnitureBusinessDB;

-- 1. Admin Table
CREATE TABLE Admin (
    Id INT AUTO_INCREMENT PRIMARY KEY,
    UserName VARCHAR(100) NOT NULL,
    Email VARCHAR(100) UNIQUE NOT NULL,
    Password VARCHAR(100) NOT NULL
);

-- 2. Customer Table
CREATE TABLE Customer (
    Id INT AUTO_INCREMENT PRIMARY KEY,
    UserName VARCHAR(100) NOT NULL,
    Email VARCHAR(100) UNIQUE NOT NULL,
    Password VARCHAR(100) NOT NULL
);

-- 3. Supplier Table
CREATE TABLE Supplier (
    Id INT AUTO_INCREMENT PRIMARY KEY,
    Name VARCHAR(100) NOT NULL,
    Email VARCHAR(100),
    ContactNumber VARCHAR(15),
    Address VARCHAR(255)
);

-- 4. Furniture Table
CREATE TABLE Furniture (
    Id INT AUTO_INCREMENT PRIMARY KEY,
    Name VARCHAR(100) NOT NULL,
    Price DECIMAL(10,2) NOT NULL,
    Quantity INT NOT NULL,
    SupplierId INT,
    Type VARCHAR(50),
    FOREIGN KEY (SupplierId) REFERENCES Supplier(Id)
);

-- 5. Inventory Table
CREATE TABLE Inventory (
    Id INT AUTO_INCREMENT PRIMARY KEY,
    FurnitureId INT,
    StockQuantity INT,
    ChangeQuantity INT,
    StockDate DATE,
    Remark VARCHAR(255),
    FOREIGN KEY (FurnitureId) REFERENCES Furniture(Id)
);

-- 6. Orders Table
CREATE TABLE Orders (
    Id INT AUTO_INCREMENT PRIMARY KEY,
    CustomerId INT,
```

```
    FurnitureId INT,
    OrderDate DATE,
    Quantity INT,
    TotalPrice DECIMAL(10,2),
    FOREIGN KEY (CustomerId) REFERENCES Customer(Id),
    FOREIGN KEY (FurnitureId) REFERENCES Furniture(Id)
);

-- 7. Payment Table
CREATE TABLE Payment (
    Id INT AUTO_INCREMENT PRIMARY KEY,
    OrderId INT,
    Amount DECIMAL(10,2),
    PaymentDate DATE,
    PaymentMethod VARCHAR(50),
    FOREIGN KEY (OrderId) REFERENCES Orders(Id)
);
```