

Retailer Database
Tables

- Customer
- Products
- Employee
- Office
- Orders
Details
- Orders
- Payments

1) Customer Table

- CustomerID
- CustomerFName
- CustomerLName
- CustomerAddressLine1
- CustomerAddressLine2
- CustomerPhoneNumber
- CustomerCity
- CustomerState
- CustomerCountry
- CustomerZip
- CustSalesRepID

2) Products Table

- ProductID
- ProductName
- ProductType
- ProductPrice
- ProductStock
- ProductDesc

3) Employee Table

- EmployeeID
- EmployeeFirstName
- EmployeeLastName
- EmployeeOfficeID
- EmployeeDesignation

4) Office Table

- OfficeID
- OfficeCity

- OfficeAddressLine1
- OfficeAddressLine2
- OfficeCity
- OfficeZip
- OfficeCountry
- OfficePhone

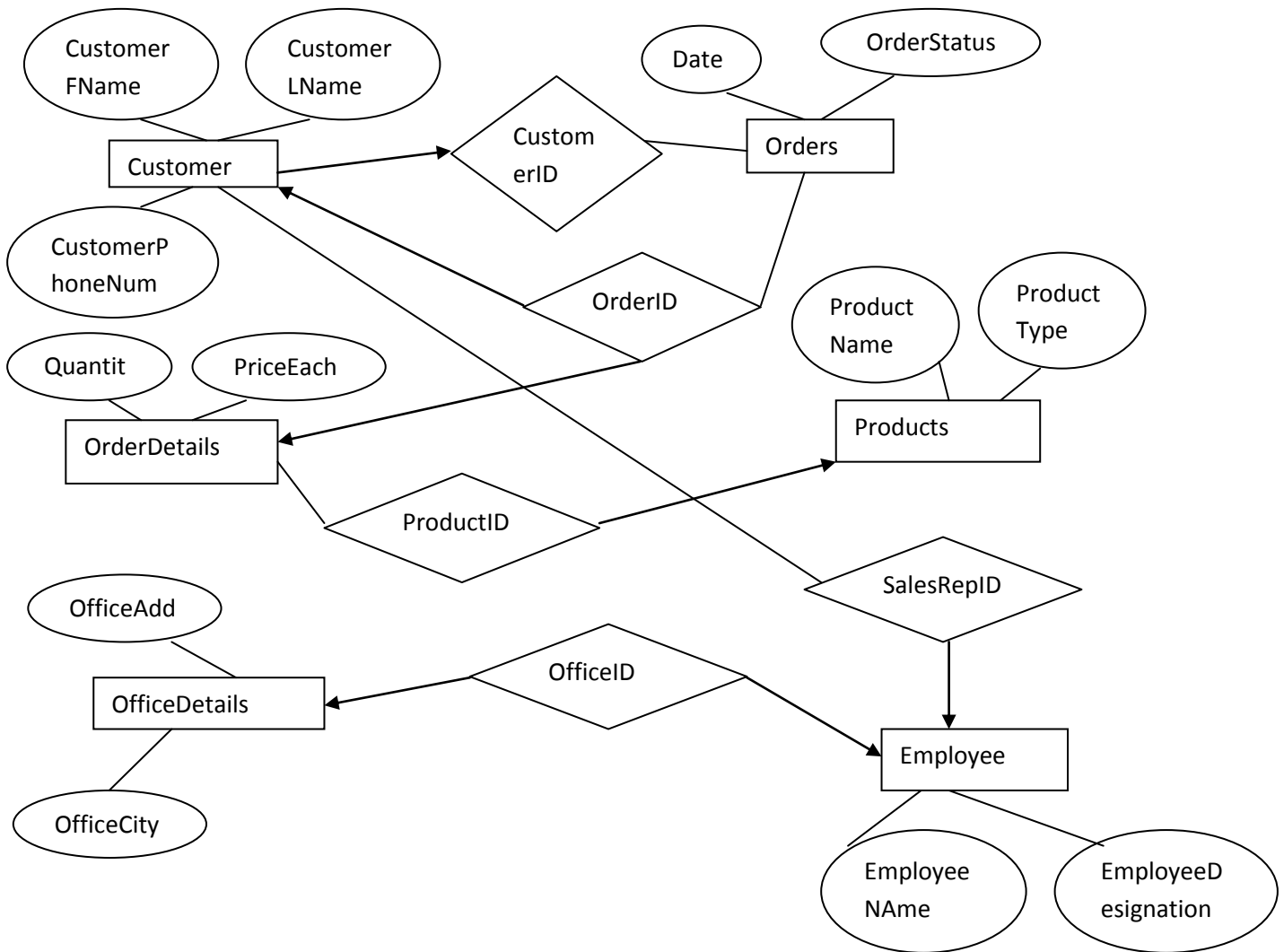
5) Order Details Table

- OrderID
- ProductID
- Quantity
- PriceEach
- DiscountPercentage
- TotalPrice

6) Orders Table

- OrderID
- OrderDate
- OrderRequiredDate
- OrderShippedDate
- OrderStatus
- CustomerID

ER Diagram



- 1) Each customer can place many orders but each customer will have only one customerID
- 2) Each order can have only one order details (Order ID)
- 3) Each OrderID can have only one customer
- 4) Each OrderDetail can have a list of productIDs but each Product will have only one product ID
- 5) Each customer can have at most one sales representative and each representative will have only one employeeID
- 6) Each office will have one id and each employee will belong to one office