MIS6326.002 Assignment 1

1.

Employee

PK	EmpNo
	EmpFirstName
	EmpLastName
	Email
	CommRate
	DeptName
	SupervisorNo

Order

PK	OrdNo
	OrdDate
	FulfillStatus
FK1	EmpNo

Customer

PK	CustNo
	FirstName
	LastName
	Street
	City
	State
	Zip
	LoyaltyStatus

Product

PK	ProdNo
	Name
	QtyOnHand
	Price

ComposedProductSet

PK,FK1	ProdNo
PK	ComposedProdNo

Cart

PK,FK2	OrdNo
PK,FK1	ProdNo
	OrderQty
	Sales Price

MemberOrder

PK,FK1	OrdNo
	CustDiscount
FK2	CustNo

NonMemberOrder

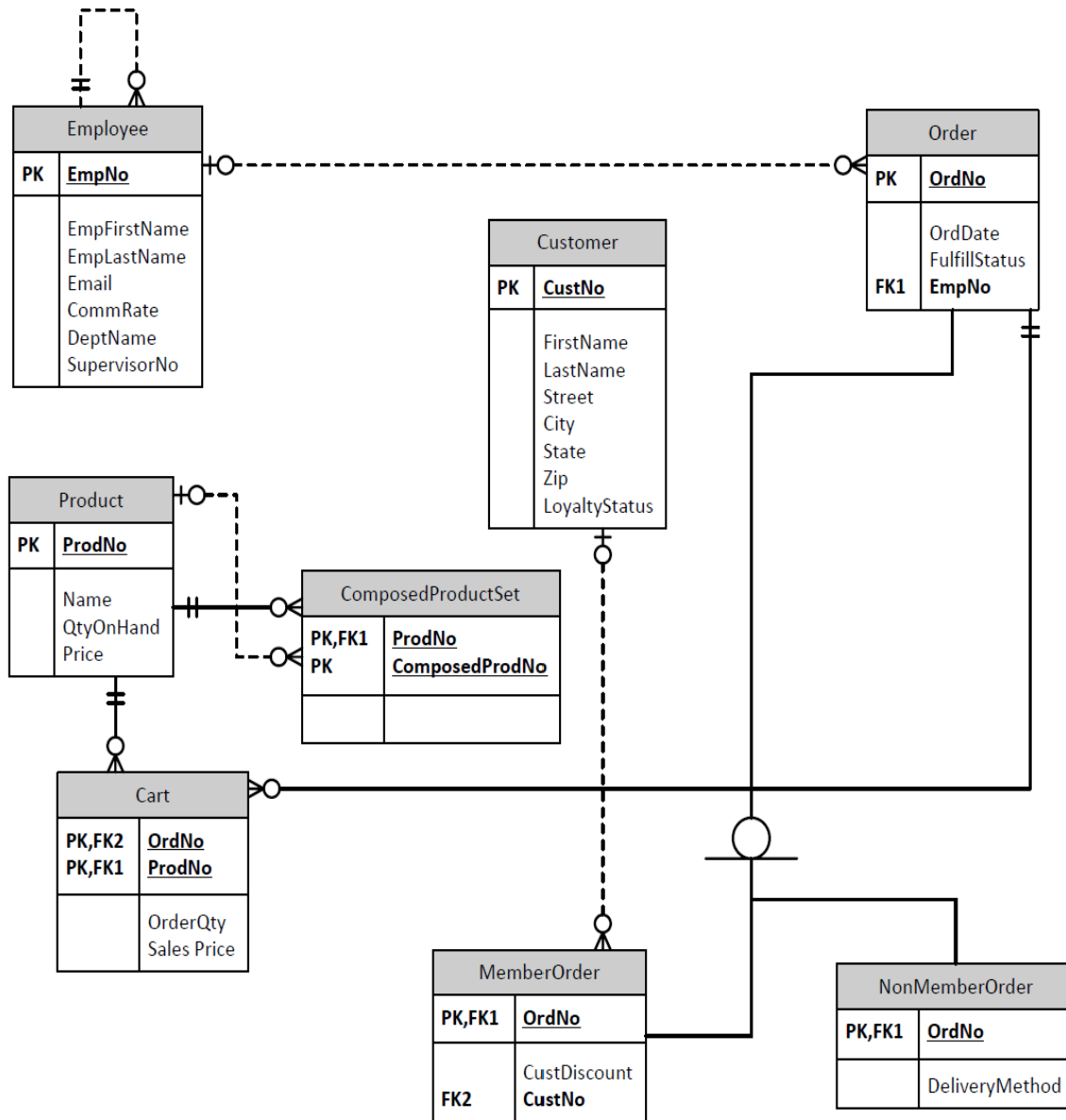| PK,FK1	OrdNo
	DeliveryMethod

2.

Customer(<u>CustNo,</u> FirstName, LastName, Street, State, City, Zip, LoyaltyStatus)

Employee(<u>EmpNo</u>, EmpFirstName, EmpLastName, Email, CommRate, SupervisorNo)

Employee.SupervisorNo references Employee.EmpNo

Order(<u>OrdNo ,</u> OrderDate, FulfillStatus, EmpNo)

Order.EmpNo references Employee.EmpNo

Product(<u>ProdNo</u>, Name, QtyOnHand, Price)

Cart(<u>OrdNo,</u> <u>ProdNo,</u> OrderQty, SalesPrice)

Cart.OrdNo references Order.OrdNo

Cart.ProdNo references Product.ProdNo

ComposedProductSet(<u>ProdNo</u>, <u>ComposedProdNo</u>)

ComposedProductSet.ProdNo references Product.ProdNo

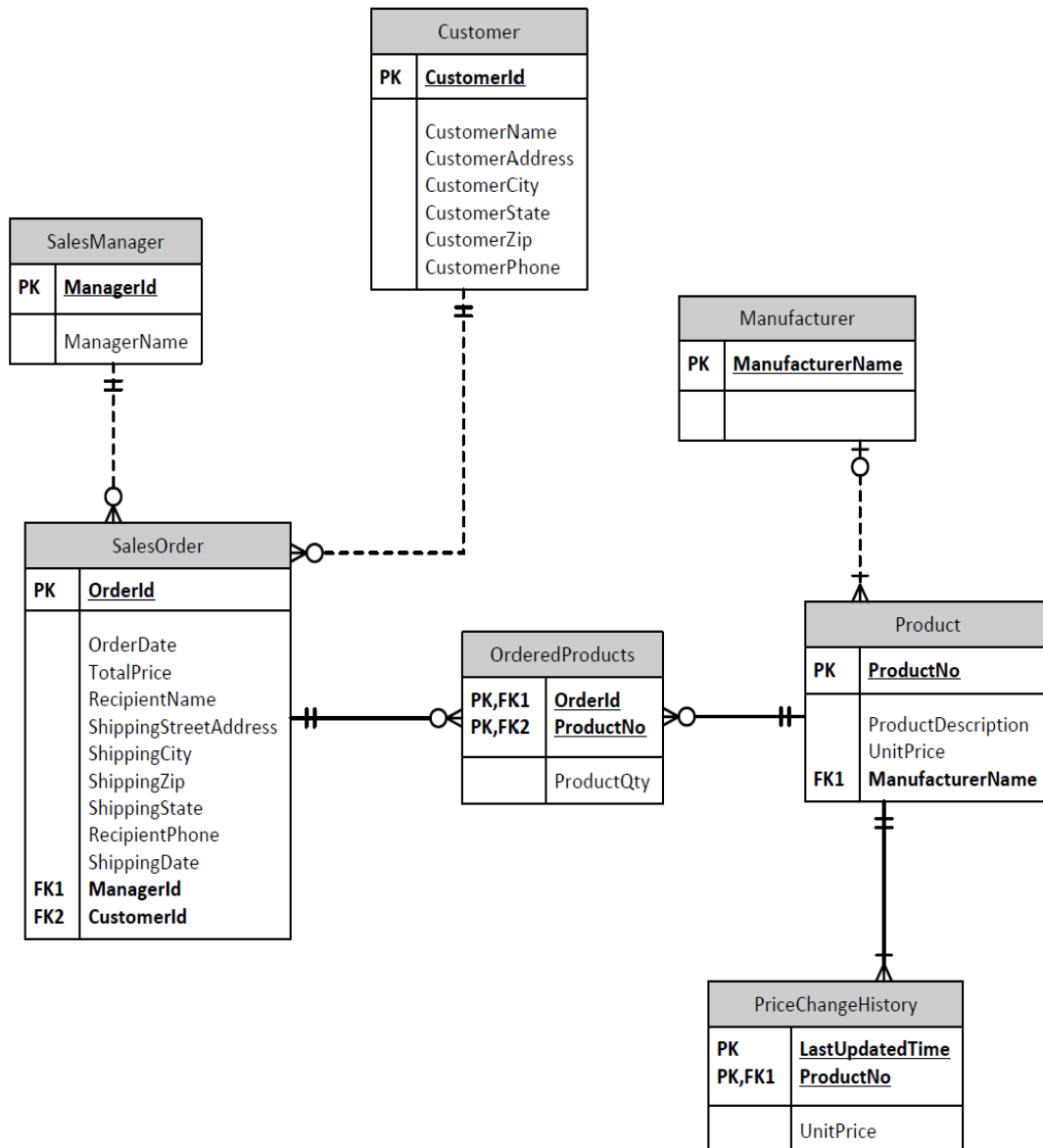MemberOrder(<u>OrdNo</u>, CustDiscount, CustNo)

MemberOrder.OrdNo references Order.OrdNo

MemberOrder.CustNo references Customer.CustNo

NonMemberOrder(<u>OrdNo,</u> DeliveryMethod)

NonMemberOrder.OrdNo references

3.

Customer

PK	**CustomerId**
	CustomerName
	CustomerAddress
	CustomerCity
	CustomerState
	CustomerZip
	CustomerPhone

SalesManager

PK	**ManagerId**
	ManagerName

Manufacturer

PK	**ManufacturerName**

SalesOrder

PK	**OrderId**
	OrderDate
	TotalPrice
	RecipientName
	ShippingStreetAddress
	ShippingCity
	ShippingZip
	ShippingState
	RecipientPhone
	ShippingDate
FK1	**ManagerId**
FK2	**CustomerId**

OrderedProducts

PK,FK1	**OrderId**
PK,FK2	**ProductNo**
	ProductQty

Product

PK	**ProductNo**
	ProductDescription
	UnitPrice
FK1	**ManufacturerName**

PriceChangeHistory

PK	**LastUpdatedTime**
PK,FK1	**ProductNo**
	UnitPrice

4.

Customer(CustomerId, CustomerName, CustomerAddress, CustomerCity, CustomerZip, CustomerState, CustomerPhone)

Manufacturer(ManufacturerName)

SalesManager(ManagerId, ManagerName)

SalesOrder(OrderId, OrderDate, TotalPrice, Recipient, ShippingStreetAddress, ShippingStreet, ShippingCity, ShippingState,RecipientPhone, ShippingZip, ManagerId, CustomerId)

SalesOrder.CustomerId references Customer.CustomerId

SalesOrder.ManagerId references Manager.ManagerId

OrderedProducts(OrderId, ProductNo, ProductQty)

OrderedProducts.OrderId references SalesOrder.OrderId

OrderedProducts.ProductNo references Product.ProductNo

Product(ProductNo, ProductDescription, UnitPrice, ManufacturerName)

Product.ManufacturerName references Manufacturer.ManufacturerName

PriceChangeHistory(LastUpdatedTime, ProductNo, UnitPrice)

PriceChangeHistory.ProductNo references Product.ProductNo