Inventory Management

Detailed Entity Relationship Diagram

VENDOR

PK	**VendorID**
	VendorName
	VendorAddress
	VendorPhoneNumber
	VendorOrderFrequency
	VendorFirstOrderYear
	VendorLastOrderYear
	VendorBankName
	ContactPerson

PO LISTING

PK	**POID**
FK	VendorID
	OrderDate
	DueDate
	DeliveryDate
	POQuantity
	POTotalCost

PO DETAILS

PK	**POID_ProductID**
FK	POID
FK	ProductID
	POLineNumber
	OrderQuantity
	UnitPrice
	TotalCost

INVENTORY MASTER

PK	**ProductID**
FK	ProductSubCategoryID
	ProductName
	SafetyStockLevel
	ReorderPoint
	ListPrice
	DealerPrice

CUSTOMER

PK	**CustomerID**
	FirstName
	LastName
	BirthDate
	EmailAdd
	CustomerAddress
	PhoneNumber
	DatePurchase

SALES ORDER

PK	**SalesOrderID**
	OrderDate
	ShipDate
	DueDate
	SalesOrderLineItem
	SalesOrderQuantity
	SalesAmount
FK	CustomerID

SALES ORDER DETAILS

PK	**SalesOrderID_ProductID**
FK	SalesOrderID
	SalesOrderLineNumber
	OrderQuantity
	UnitPrice
FK	ProductID

PRODUCT CATEGORY

PK	**ProductCategoryID**
	ProductCategoryName

PRODUCT SUBCATEGORY

PK	**ProductSubCategoryID**
	ProductSubCategoryName
FK	ProductCategoryID