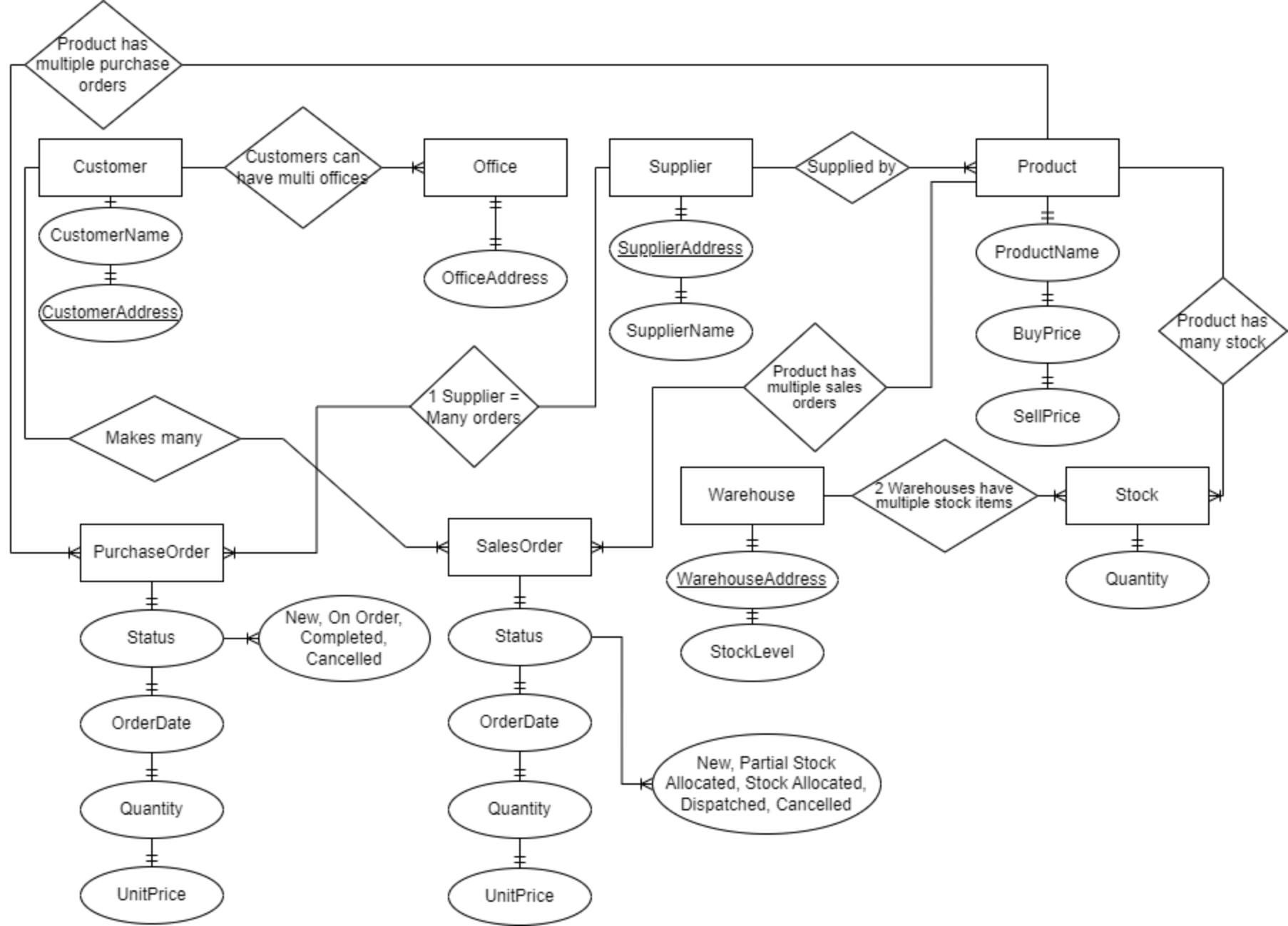
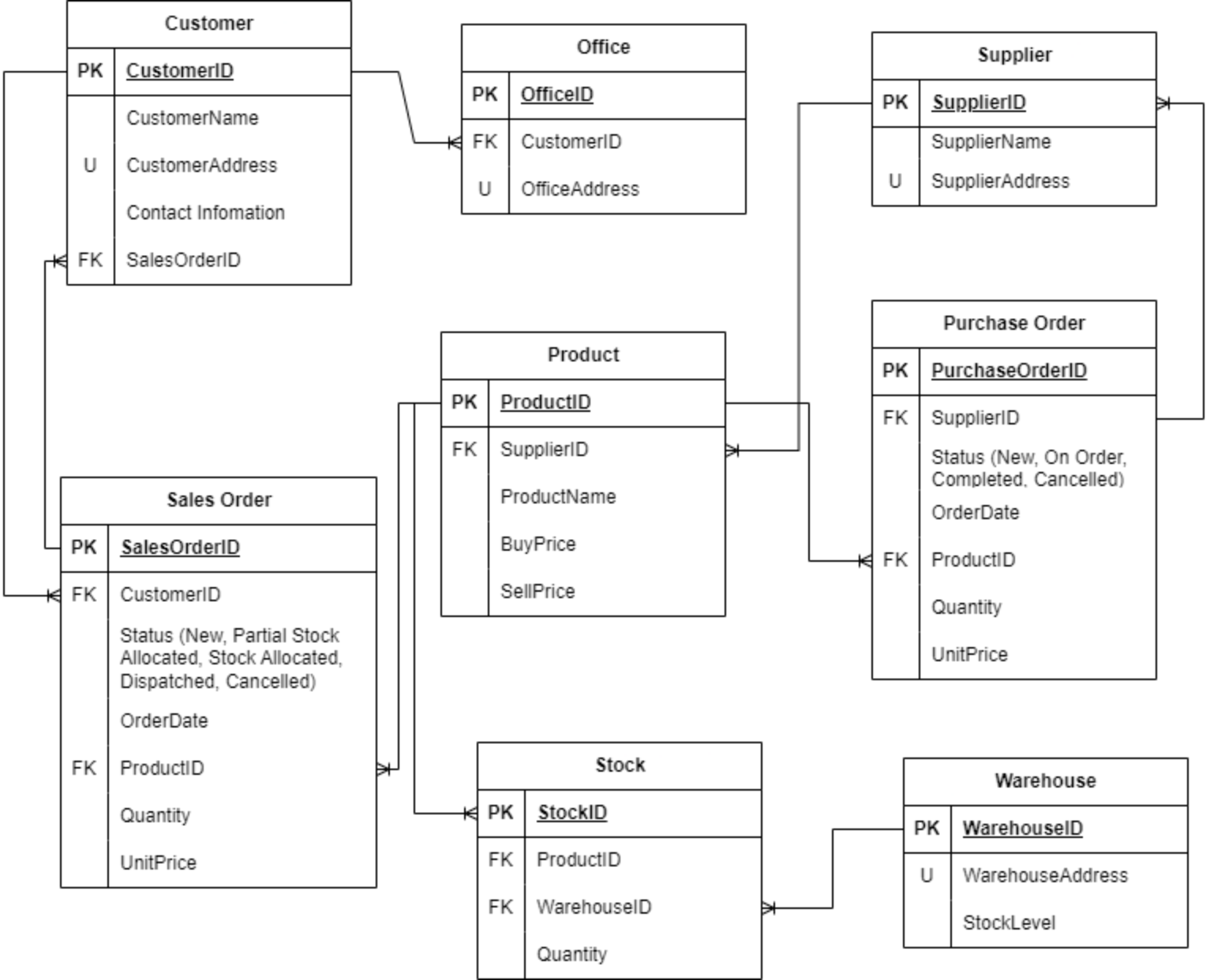

Product has multiple purchase orders
Customer
Customers can have multi offices
Office
Supplier
Supplied by
Product
CustomerName
CustomerAddress
OfficeAddress
SupplierAddress
SupplierName
ProductName
BuyPrice
SellPrice
Product has many stock
1 Supplier = Many orders
Product has multiple sales orders
Makes many
Warehouse
2 Warehouses have multiple stock items
Stock
PurchaseOrder
SalesOrder
WarehouseAddress
StockLevel
Quantity
Status
New, On Order, Completed, Cancelled
Status
OrderDate
Quantity
UnitPrice
OrderDate
Quantity
UnitPrice
New, Partial Stock Allocated, Stock Allocated, Dispatched, Cancelled


Customer
PK CustomerID
CustomerName
U CustomerAddress
Contact Infomation
FK SalesOrderID
Office
PK OfficeID
FK CustomerID
U OfficeAddress
Supplier
PK SupplierID
SupplierName
U SupplierAddress
Purchase Order
PK PurchaseOrderID
FK SupplierID
Status (New, On Order, Completed, Cancelled)
OrderDate
FK ProductID
Quantity
UnitPrice
Product
PK ProductID
FK SupplierID
ProductName
BuyPrice
SellPrice
Sales Order
PK SalesOrderID
FK CustomerID
Status (New, Partial Stock Allocated, Stock Allocated, Dispatched, Cancelled)
OrderDate
FK ProductID
Quantity
UnitPrice
Stock
PK StockID
FK ProductID
FK WarehouseID
Quantity
Warehouse
PK WarehouseID
U WarehouseAddress
StockLevel