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**Physical Schema(Version 3)**

The purpose of this file is to convert the optimized logical schema into a physical schema.

Based on: Optimized Logical Schema(Version 4)

Changes: Two derived tables, COrder and ForPart were added.

Part (PartID, Name\*, Unit Cost\*, Contains, BOM)

Technician (TechnicianID, Name\*, Street, City, State, Zip, Uses)

COrder\_t (OrderID, DateToFill, CustomerID\*, PartID\*)

*CustomerID references Customer.CustomerID; PartID references Part.PartID*

ForPart\_t (PartID, OrderID, Quantity\*)

*PartID references Part.PartID; OrderID references COrder.OrderID*

Assembly Card (CardNumber, OrderID\*, Creates)

*OrderID references COrder.OrderID*

Customer (CustomerID, Name\*, Street\*, City\*, State\*, Zip\*, Places)

Supplier (SupplierID, Name\*, Street\*, City\*, State\*, Zip\*, Ships)

Supply Shipment (SupplyID, Quantity\*, SupplierID\*, PartID\*)

*SupplierID references Supplier.SupplierID; PartID references Part.PartID*

COrder (OrderID, [OrderTotal]\*)

*OrderID references COrder\_t.OrderID*

ForPart (PartID, OrderID, Quantity, [LineTotal]\*)

*PartID references Part.PartID; OrderID references COrder\_t*