

CNum	CName	CAddr	OrderNum	OrderDate	ClerkNum	ClerkName	Item	Desc	Quantity	UPrice	itemtotal	ordertotal

First Normal Form

Item_order (ItemNum, OrderNum, Desc, Quantity, UnitPrice, ItemTotal)

Order_info (OrderNum, OrderDate, ClerkNum, ClerkName, CustNum, CustName, CustAddr, OrderTotal)

Second Normal Form

Item (ItemNum, Desc, UnitPrice)

Item_order (ItemNum, OrderNum, Quantity, ItemTotal)

Order_info (OrderNum, OrderDate, ClerkNum, ClerkName, CustNum, CustName, CustAddr, OrderTotal)

Third Normal Form

Item (ItemNum, Desc, UnitPrice)

Item_order (ItemNum, OrderNum, Quantity, ItemTotal)

Order_info (OrderNum, OrderDate, ClerkNum, CustNum, OrderTotal)

Clerk (ClerkNum, ClerkName)

Customer (CustomerNum, CustomerName, CustomerAddress)

Dept #	Dept Name	Loc	Mgr Name	Mgr ID	Tel Extn	Cust #	Cust Name	Complaint Date	Nature of Complaint

First Normal Form

Customer (CustomerNum, DeptNum, CustomerName, ComplaintDate, ComplaintNature)

Department (DeptNum, DeptName, Loc, MgrName, MgrID, TelExtn)

Second Normal Form

Cust_Dept(CustomerNum, DeptNum, ComplaintDate, ComplaintNature)

Customer (CustomerNum, CustomerName)

Department (DeptNum, DeptName, Loc, MgrName, MgrID, TelExtn)

Third Normal Form

Cust_Dept(CustomerNum, DeptNum, ComplaintDate, ComplaintNature)

Customer (CustomerNum, CustomerName)

Department (DeptNum, DeptName, Loc, MgrID, TelExtn)

Manager (MgrID, MgrName)