THE RELATIONAL MODEL

0NF

Supplier ( SupplierID, Name, ContactNo )

Supply ( SupplyID, Date, TotalPrice, SupplierID )

TempStock ( TempStockID, Description )

InStock ( Item, ExpiryDate, Quantity, Price)

Buy ( TransactionID, Date, Total, Amount, SubTotal, CustomerID, DebtorID )

Debtors ( DebtorID, Balance, CustomerID)

DebtPayment ( PaymentID, Date, PaymentAmount, DebtorID )

Customer ( CustomerID, Name, ContactNo )

ReturnStock ( ReturnID, Description, SupplierID )

Buy-InStock ( TransactionID, Item )

TempStock-InStock ( TempStockID, Item )

Supply-TempStock ( SupplyID, TempStockID )

InStock-ReturnStock ( Item, ReturnID )

1NF

Supplier ( SupplierID, Name, ContactNo )

Supply ( SupplyID, Date, TotalPrice, SupplierID )

TempStock ( TempStockID, Description )

InStock ( Item, ExpiryDate, Quantity, Price)

Buy ( TransactionID, Date, Total, CustomerID, DebtorID )

Debtors ( DebtorID, Balance, CustomerID)

DebtPayment ( PaymentID, Date, PaymentAmount, DebtorID )

Customer ( CustomerID, Name )

ReturnStock ( ReturnID, Description, SupplierID )

Buy-InStock ( TransactionID, Item )

TempStock-InStock ( TempStockID, Item )

Supply-TempStock ( SupplyID, TempStockID )

InStock-ReturnStock ( Item, ReturnID )

BillInfo ( TransactionID, Amount, SubTotal )

CustomerContacts ( CustomerID, ContactNo )

2NF

Supplier ( SupplierID, Name, ContactNo )

Supply ( SupplyID, Date, TotalPrice, SupplierID )

TempStock ( TempStockID, Description )

InStock ( Item, ExpiryDate, Quantity, Price)

Buy ( TransactionID, Date, Total, CustomerID, DebtorID )

Debtors ( DebtorID, Balance, CustomerID)

DebtPayment ( PaymentID, Date, PaymentAmount, DebtorID )

Customer ( CustomerID, Name )

ReturnStock ( ReturnID, Description, SupplierID )

Buy-InStock ( TransactionID, Item )

TempStock-InStock ( TempStockID, Item )

Supply-TempStock ( SupplyID, TempStockID )

InStock-ReturnStock ( Item, ReturnID )

BillInfo ( TransactionID, Amount, SubTotal, Item )

CustomerContacts ( CustomerID, ContactNo )

3NF

Supplier ( SupplierID, Name, ContactNo )

Supply ( SupplyID, Date, TotalPrice, SupplierID )

TempStock ( TempStockID, Description )

InStock ( Item, ExpiryDate, Quantity, Price)

Buy ( TransactionID, Date, Total, CustomerID, DebtorID )

Debtors ( DebtorID, Balance, CustomerID)

DebtPayment ( PaymentID, Date, PaymentAmount, DebtorID )

Customer ( CustomerID, Name )

ReturnStock ( ReturnID, Description, SupplierID )

Buy-InStock ( TransactionID, Item )

TempStock-InStock ( TempStockID, Item )

Supply-TempStock ( SupplyID, TempStockID )

InStock-ReturnStock ( Item, ReturnID )

BillInfo ( TransactionID, Amount, SubTotal, Item )

CustomerContacts ( CustomerID, ContactNo )