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| --- | --- | --- | --- |
| **Name Table** | **Name Column** | **Key** | **Date Type** |
| 1. **Manager**   **NhaQuanLy** | ManagerID  NhaQuanLy | primary key | int |
| ManagerName  TenNhaQuanLy |  | varchar |
| Email |  | varchar |
| Phone  SoDienThoai |  | varchar |
| Password  MatKhau |  | varchar |
| 1. **Store**   **CuaHang** | StoreID  MaCuaHang | primary key | int |
| StoreName  TenCuaHang |  | varchar |
| Impost  Thue-sp |  | float |
| Email |  | varchar |
| Phone  SoDienThoai |  | varchar |
| ManagerID  MaNhaQuanLy |  | int |
| 1. **Product**   **SanPham** | ProductID  MaSP | primary key | int |
| StoreID  MaCuaHang | foreign key | int |
| ProductName  TenSP |  | varchar |
| Quantity  SoLuongSP |  | int |
| Price  DonGia |  | int |
| 1. **Transporters**   **NVC** | TransportersID  MaNVC | primary key | int |
| StoreID  MaCuaHang | foreign key, primary key | int |
| TransportersName  TenNVC |  | varchar |
| COD  phí ship = tiền sp \* cod |  | int |
| MinimumShipFee  PhiShipToiThieu | 10.-100. | int |
| Receivables  CongNoPhaiThu | += producecost | int |
| Payables  CongNoPhaiTra | += shipcost | int |
| 1. **ProductSupplier**   **NCC** | SupplierID  MaNCC | primary key | int |
| SupplierName  TenNCC |  | varchar |
| StoreID  MaCuaHang | foreign key, primary key | int |
| 1. **Ecommerce**   **STMDT** | EcommerceID  MaSTMDT | primary key | int |
| StoreID  MaCuaHang | foreign key, primary key | int |
| EcommerceName  TenSTMDT |  | varchar |
| PaymentFee  PhiThanhToan | 200.-100.000. | int |
| FixedFee  PhiCoDinh | 200-10.000 | int |
| ServiceFee  PhiDichVu | 100.-1.000. | int |
| FreightSurcharge  CuocLechPhiVanChuyen |  | float |
| PersonalIncomeTaxVAT  VAT\_ThuNhapCaNhan |  | float |
| Receivables  CongNoPhaiThu | 0 | int |
| 1. **Employees**   **NhanVien** | EmployeID  MaNhanVien | primary key | int |
| EmployeName  TenNhanVien |  | varchar |
| Email |  | varchar |
| Phone  SoDienThoai |  | varchar |
| Address  DiaChi |  | varchar |
| DayOfWork  NgayVaoLam |  | date |
| Position  ChucVu |  | varchar |
| BaseSalary  LuongCoBan |  | int |
| BonusSalary  LuongThuong |  | int |
| StoreID  MaCuaHang | foreign key | int |
| 1. **CategoryBills**   **TheLoaiHD** | CategoryBillID  SoTheLoaiHD | foreign key | int |
| CategoryBillName  TenTheLoaiHD |  | varchar |
| Descreption  MoTa |  | varchar |
| 1. **Bill**   **HD\_Chung** | BillID  SoHD | primary key | int |
| CategoryBillID  LoaiHD |  | int |
| StoreID  MaCuaHang | foreign key | int |
| TransactionMethod  PTGD  phương thức giao dịch |  | int |
| Hóa đơn liên quan đến: CategoryBills>Bill | | | |
| 1. **Bill\_Store 0**   **HD\_TaiCuaHang** | Bill\_StoreID  SoHD\_TaiCuaHang | foreign key | int |
| ProductCost  TienHang |  | int |
| TotalPayment  TienThanhToan = TienHang \* (Impost (Stores) + 1) |  | int |
| Date  ThoiGian |  | date |
| EmployeID  MaNhanVien | foreign key | int |
| 1. **Bill\_Ecommerce 1**   **HD\_STMDT** | Bill\_EcommerceID  SoHD\_STMDT | foreign key | int |
| EcommerceID  MaSTMDT | foreign key | int |
| CustomerID  MaKhachHang |  | varchar |
| CustomerName  TenKhachHang |  | varchar |
| Phone  SoDienThoai |  | varchar |
| Address  DiaChi |  | varchar |
| ProductCost  TienHang |  | int |
| ShipCost  TienVanChuyen |  | int |
| TotalPayment  TienThanhToan = tienhang + tien vanchuyen |  | int |
| OrderTime  ThoiGianDatHang |  | date |
| PaymentTime  ThoiGianThanhToan |  | date |
| 1. **Bill\_Transporter**   **2**  **HD\_NVC** | Bill\_TransportersID  SoHD\_NVC | foreign key | int |
| TransportersID  MaNVC | foreign key | int |
| ProductCost  TienHang |  | int |
| ShipCost  TienVanChuyen = TienHang \* COD(Transporters) |  | int |
| TotalPayment  TienThanhToan = TienVanChuyen + TienHang |  | int |
| Date  ThoiGian |  | date |
| MoneyReceiver  NguoiNhanTien |  | int  0 - cuahang  1 - nhavanchuyen |
| 1. **Bill\_Supplier 3**   **HD\_NCC** | Bill\_SupplierID  SoHD\_NCC | foreign key | int |
| SupplierID  MaNCC | foreign key | int |
| Number  Lan |  | int |
| ProductCost  TienHang |  | int |
| ShipCost  TienVanChuyen |  | int |
| TotalPayment  TienThanhToan |  | int |
| Date  ThoiGian |  | date |
| 1. **Facilities\_Bill 4**   **HD SH** | Facilities\_BillID  SoHD\_SinhHoat | primary key | int |
| StoreID  MaCuaHang | foreign key | int |
| TransactionMethod  PTGD  phương thức giao dịch |  | int |
| TotalPayment  TienThanhToan |  | int |
| Date  ThoiGian |  | date |
| Hóa đơn liên *không* quan đến: CategoryBills>Bill | | | |
| 1. **Bill\_Product0**   **SP\_HD** | Bill\_ProductID  MaSP | foreign key, primary key | int |
|  | BillID  SoHD | primary key | int |
|  | Quantity  SLXuat |  | int |
| 1. **Bill\_WorkShift1 5**   **HD\_CaLam** | WorkShiftID  MaCaLam | primary key | int |
| EmployeID  MaNhanVien | foreign key | int |
| Date  NgayLam |  | date |
| TotalWorked  TongCaLam  (của ngày) |  | int |
| Salary  TienLuong |  | int |
| PersonalIncomeTaxVAT  TienThue = TienLuong \* ? (tuỳ bà để) |  | int |
| TotalPayment  TienThanhToan = TienLuong - TienThue |  | int |
| View | | | |
| **Transaction**  **GiaoDich** | StoreID  MaCuaHang | primary key | int |
| CashReceipt  TienMatThu |  | int |
| BankTransferReceipt  TienChuyenKhoanThu |  | int |
| ReceiptCardPayment  TienTheThu |  | int |
| CashExpenditure  TienMatChi |  | int |
| BankTransferExpenditure  TienChuyenKhoanChi |  | int |
| CardPaymentExpenditure  TienTheChi |  | int |
| **Cash Book**  **SoQuy** | StoreID  MaCuaHang | primary key | int |
| Income  ThuNhap |  | int |
| TransportationCost  TienVanChuyen |  | int |
| Rent  TienMatBang |  | int |
| LivingExpenses  TienSinhHoat |  | int |
| Revenue  DoanhThu |  | int |
| TotalExpenses  TongChi |  | int |

