**[Project]**

**DETAIL DESIGN DOCUMENT**

**Data design**

**Project Code:**

**Document Code: <Project code>-DD – v<Version>**

1. **Lê Trọng Phú**
2. **Lê Tất Hùng**
3. **Hoàng Huy**
4. **Nguyễn Hữu Tài**

### <Location, issued date of the Document>

**RECORD OF CHANGE**

#### \*A - Added M - Modified D – Deleted

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effective Date | Changed Items | A\* M, D | Change Description | New Version |
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**SIGNATURE PAGE**

**ORIGINATOR:**<Name> <Date>

#### <Position>

**REVIEWERS:** <Name> <Date>

#### <Position>

<Name, if it’s needed> <Date>

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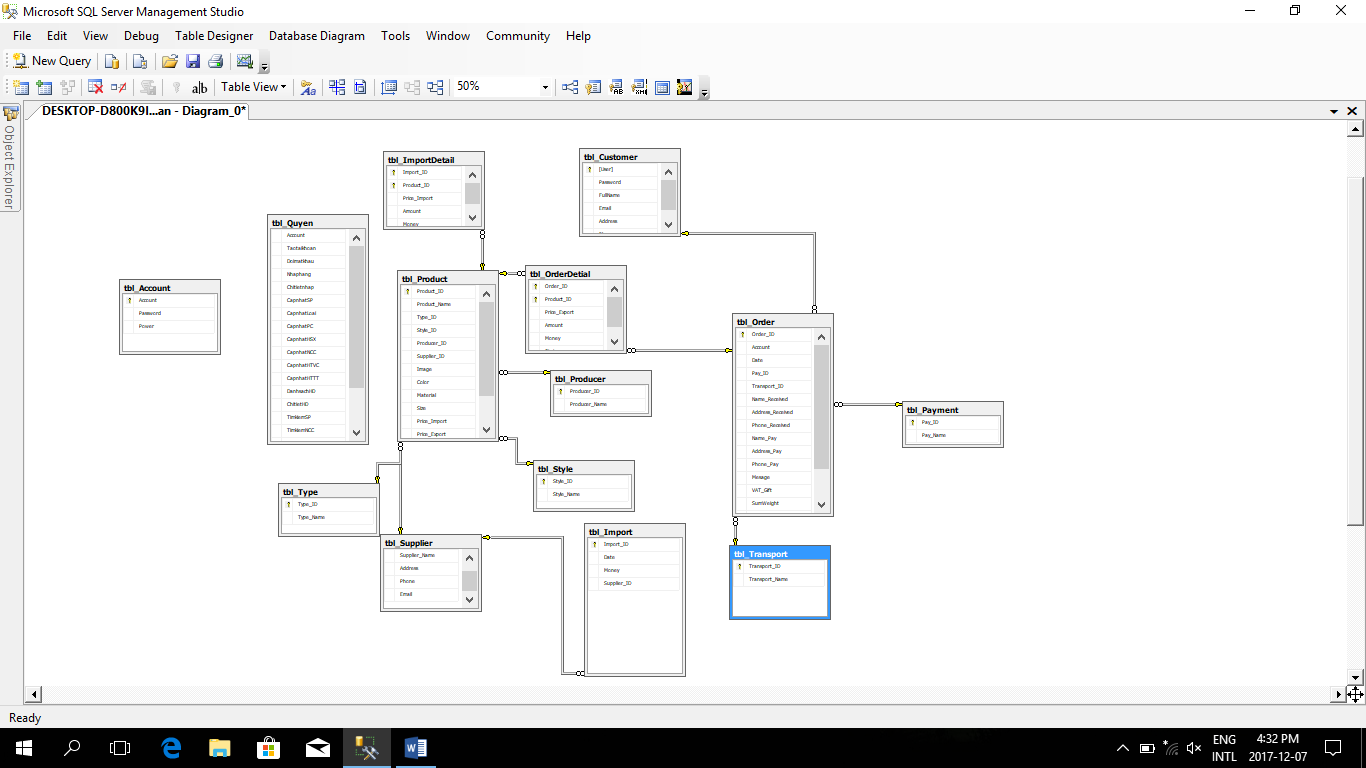
**APPROVAL:** <Name> <Date>

#### <Position>

MỤC LỤC

# MÔ HÌNH DỮ LIỆU QUAN HỆ

Đưa mô hình dữ liệu quan hệ vào mục này.



1. **DATABASE**

<List of tables and brief description>

|  |  |  |
| --- | --- | --- |
| **No** | **Table Name** | **Description** |
| 1 | Tbl\_Account | Tbl\_Account(Account,Password,Power) |
| 2 | Tbl\_Customer | Tbl\_Customer(User,Password,FullName,Email,Address,Phone) |
| 3 | Tbl\_Import | Tbl\_Import(Import\_ID,Date,Money,Supplier\_ID) |
| 4 | Tbl\_ImportDetial | Tbl\_ImportDetial(Import\_ID,Product\_ID,Price\_Import\_Money) |
| 5 | Tbl\_Order | Tbl\_Order(Order\_ID,Accout,Date,Pay\_ID,Transport\_ID,Name\_Pay,Address\_Pay,Phone\_Pay,Message,VAT\_Gift,SumWeight,SumMoney,State) |
| 6 | Tbl\_OrderDetial | Tbl\_OrderDetial(Order\_ID,Product\_ID,Price\_Export,Amount,Money.state) |
| 7 | Tbl\_Payment | Tbl\_Payment(Pay\_ID,Pay\_Name) |
| 8 | Tbl\_Producer | Tbl\_Producer(Producer\_ID,Producer\_Name) |
| 9 | Tbl\_Product | Tbl\_Product(Product\_ID,Product\_Name,Type\_ID,Style\_ID,Producer\_ID,Supplier\_ID,Image,Color,Material,Size,Price\_Import,Price\_Export,Amount,weight) |
| 10 | Tbl\_Quyen | Tbl\_Quyen(Account,Taotaikhoan,Doimatkhau,Nhaphang,Chitietnhap,CapnhapSP,CapNhaploai,CapnhapPC,CapnhapHSX,CapnhapNCC,CapnhapHTVC,CapnhapHTTT,DanhSachHD,ChitietHoaDon,TiemKiemsanpham,thongkesanpham,thongkedhn,thongkedoanhthu,thongkesanphambanchay hhat) |
| 11 | Tbl\_Style | Tbl\_Style(Style\_ID,Style\_Name) |
| 12 | Tbl\_Supplier | Tbl\_Supplier(Supplier,Supplier\_Name,Address,Phone,Email) |
| 13 | Tbl\_Transport | Tbl\_Transport(TranSport\_ID,Transport\_Name) |
| 14 | Tbl\_Type | Tbl\_Type(Type\_ ID, Type \_Name) |

## Table Tbl\_Account

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Account | varchar | 50 |  | x |  | P |  |  |  |
| 02 | Password | varchar | 50 |  |  |  |  |  |  |  |
| 03 | Power | nvarchar | 50 |  |  |  |  |  |  |  |

**2.2 table** Tbl\_Customer

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | User | varchar | 20 |  | x |  | P |  |  |  |
| 02 | Password | varchar | 20 |  |  |  |  |  |  |  |
| 03 | FullName | nvarchar | 50 |  |  |  |  |  |  |  |
| 04 | Email | Varchar | 50 |  |  |  |  |  |  |  |
| 05 | Address | Nvarchar | 100 |  |  |  |  |  |  |  |
| 06 | Phone | int |  |  |  |  |  |  |  |  |

**2.3 S** Tbl\_Import

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 1 | Import\_ID | int |  |  | x |  | P |  |  |  |
| 2 | Date | datetime |  |  |  |  |  |  |  |  |
| 3 | Money | float |  |  |  |  |  |  |  |  |
| 4 | Supplier\_ID | FK |  |  |  |  | F |  |  |  |

**2.4** Tbl\_ImportDetial

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Import\_ID | int |  |  | x |  | P |  |  |  |
| 02 | Product\_ID | int |  |  |  |  | F |  |  |  |
| 03 | Price\_Import | float |  |  |  |  |  |  |  |  |
| 04 | Amount | Int |  |  |  |  |  |  |  |  |
| 05 | Money | float |  |  |  |  |  |  |  |  |

**2.5** Tbl\_Order

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Order | nchar | 10 |  | x |  | P |  |  |  |
| 02 | Account | varchar | 20 |  |  |  | F |  |  |  |
| 03 | Date | datetime |  |  |  |  |  |  |  |  |
| 04 | Pay\_ID | int |  |  |  |  | F |  |  |  |
| 05 | Transport\_ID | int |  |  |  |  | F |  |  |  |
| 06 | Name\_received | Nvarchar | 50 |  |  |  |  |  |  |  |
| 07 | Addpress\_ received | Nvarchar | 50 |  |  |  |  |  |  |  |
| 08 | Phone\_ received | int |  |  |  |  |  |  |  |  |
| 09 | Name\_Pay | Nvarchar | 50 |  |  |  |  |  |  |  |
| 10 | Addpress\_Pay | Nvarchar | 50 |  |  |  |  |  |  |  |
| 11 | Phone\_Pay | int |  |  |  |  |  |  |  |  |
| 12 | Message | Nvarchar | max |  |  |  |  |  |  |  |
| 13 | VAT\_Gift | Float |  |  |  |  |  |  |  |  |
| 14 | SumWeight | Float |  |  |  |  |  |  |  |  |
| 15 | VAT\_Transport | Float |  |  |  |  |  |  |  |  |
| 16 | SumMoney | float |  |  |  |  |  |  |  |  |

**2.6 tbl.OderDetail**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Oder\_ID | nchar |  |  | x |  | P |  |  |  |
| 02 | Product\_ID | int |  |  |  |  | f |  |  |  |
| 04 | Price\_export | float |  |  |  |  |  |  |  |  |
| 05 | Amount | int |  |  |  |  |  |  |  |  |
| 06 | Money | float |  |  |  |  |  |  |  |  |
| 07 | Sate | Nvarchar | 50 |  |  |  |  |  |  |  |

**2.7 tbl.Payment**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| **01** | **Pay\_ID** | **int** |  |  | **x** |  | **P** |  |  |  |
| 02 | Pay\_Name | navrchar | 50 |  |  |  |  |  |  |  |

**2.8 tbl.Producer**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Producer\_ID | int |  |  | x |  | P |  |  |  |
| 02 | Producer\_Name | Navrchar | 50 |  |  |  |  |  |  |  |

**2.9 tbl.Product**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Product\_ID | nvarchar | 50 |  | x |  | P |  |  |  |
| 02 | Product\_Name | navrchar | 50 |  |  |  | F |  |  |  |
| 03 | Type\_ID | int |  |  |  |  | F |  |  |  |
| 04 | Style\_ID | Int |  |  |  |  | F |  |  |  |
| 05 | Producer\_ID | Int |  |  |  |  | F |  |  |  |
| 06 | Supplier\_ID | Int |  |  |  |  | F |  |  |  |
| 07 | Images | navrchar | 50 |  |  |  |  |  |  |  |
| 08 | CoLor | navrchar | 50 |  |  |  |  |  |  |  |
| 09 | Material | navrchar | 50 |  |  |  |  |  |  |  |
| 10 | Size | nchar | 50 |  |  |  |  |  |  |  |
| 11 | Pice\_Import | Float |  |  |  |  |  |  |  |  |
| 12 | Pice\_Export | Float |  |  |  |  |  |  |  |  |
| 13 | Amount(int,null) | Int |  |  |  |  |  |  |  |  |
| 14 | Weight | Float |  |  |  |  |  |  |  |  |

**2.10 tbl.Quyen**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Account | Vacchar | 50 |  | x |  | P |  |  |  |
| 02 | TaoTaiKhoan | Int |  |  |  |  |  |  |  |  |
| 03 | DoiMatKhau | Int |  |  |  |  |  |  |  |  |
| 04 | NhapHAm | Int |  |  |  |  |  |  |  |  |
| 05 | ChiTietNhap | Int |  |  |  |  |  |  |  |  |
| 06 | CapNhatSp | Int |  |  |  |  |  |  |  |  |
| 07 | CapNhatLoai | Int |  |  |  |  |  |  |  |  |
| 08 | CapNhatPc | Int |  |  |  |  |  |  |  |  |
| 09 | CapNhatHDX | Int |  |  |  |  |  |  |  |  |
| 10 | CapNhatNcc | Int |  |  |  |  |  |  |  |  |
| 11 | CapNhatHTVC | Int |  |  |  |  |  |  |  |  |
| 12 | CapNhatHTT | Int |  |  |  |  |  |  |  |  |
| 13 | DanhsachHD | Int |  |  |  |  |  |  |  |  |
| 14 | ChiTietHD | Int |  |  |  |  |  |  |  |  |
| 15 | TimKiemSp | Int |  |  |  |  |  |  |  |  |
| 16 | TimKienNCC | Int |  |  |  |  |  |  |  |  |
| 17 | ThongKeSp | int |  |  |  |  |  |  |  |  |
| 18 | ThongKeHDN | Int |  |  |  |  |  |  |  |  |
| 19 | ThongKêDT | Int |  |  |  |  |  |  |  |  |
| 20 | ThopngKeSPBCN | int |  |  |  |  |  |  |  |  |

**3.1 tbl.Style**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Style\_ID | Int |  |  | x |  | P |  |  |  |
| 02 | Style\_Name | navrchar | 50 |  |  |  |  |  |  |  |

**3.2 tbl.Supplier**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Supplier\_ID | Int |  |  | x |  | P |  |  |  |
| 02 | Supplier\_Name | navrchar | 50 |  |  |  |  |  |  |  |
| 03 | Address | Varchar | 50 |  |  |  |  |  |  |  |
| 04 | Phone | Int |  |  |  |  |  |  |  |  |
| 05 | Email | Varchar | 50 |  |  |  |  |  |  |  |

**3.2 tbl.Transport**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Transport \_ID | Int |  |  | x |  | P |  |  |  |
| 02 | Transport \_Name | navrchar | 50 |  |  |  |  |  |  |  |

**3.2 tbl.Type**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Type** | **Length** | **Size** | **Null** | **Unique** | **P/F Key** | **Default** | **Check** | **Description** |
| 01 | Type \_ID | Int |  |  | x |  | P |  |  |  |
| 02 | Type \_Name | navrchar | 50 |  |  |  |  |  |  |  |