

# Project DB

Database model documentation

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# 1. Model details

**Model name:**

Project DB

**Version:**

2.3

**Database engine:**

mysql

**Description:**

## 2. Tables

### 2.1. Table LOAISANPHAM

#### 2.1.1. Columns

Column name	Type	Properties	Description
MaLoaiSP	int		
TenLoaiSP	char(200)		
MaLoaiCha	int		

### 2.2. Table SANPHAM

#### 2.2.1. Columns

Column name	Type	Properties	Description
MaSP	int		
TenSP	char(200)		
GiaSP	double		
AnhLon	text		
AnhNho	text		
ThongTin	text		
SoLuong	int		
LOAISANPHAM_MaLoaiSP	int		
THUONGHIEU_MaThuongHieu	int		
LuotMua	int		

### 2.3. Table THUONGHIEU

#### 2.3.1. Columns

Column name	Type	Properties	Description
MaThuongHieu	int		
TenThuongHieu	char(200)		
HinhThuongHieu	text		

## 2.4. Table USER

### 2.4.1. Columns

Column name	Type	Properties	Description
MaUser	int		
TenUser	char(100)		
TenDangNhap	char(100)		
MatKhau	char(50)		
DiaChi	char(300)		
NgaySinh	char(20)		
SoDienThoai	char(20)		
GioiTinh	char(20)		
LOAIUSER_MaLoaiUser	int		

## 2.5. Table LOAIUSER

### 2.5.1. Columns

Column name	Type	Properties	Description
MaLoaiUser	int		
TenLoaiUser	char(200)		

## 2.6. Table CHITIETKHUYENMAI

### 2.6.1. Columns

Column name	Type	Properties	Description
PhanTramKM	int		
KHUYENMAI_MaKM	int		
SANPHAM_MaSP	int		

## 2.7. Table KHUYENMAI

### 2.7.1. Columns

Column name	Type	Properties	Description
MaKM	int		

LOAISANPHAM_MaLoaiSP	int		
TenKM	char(200)		
NgayBatDau	char(20)		
NgayKetThuc	char(20)		
HinhKhuyenMai	text		

## 2.8. Table CHITIETSANPHAM

### 2.8.1. Columns

Column name	Type	Properties	Description
SANPHAM_MaSP	int		
TenChiTiet	char(200)		
GiasTri	text		

## 2.9. Table CHITIETTHUONGHIEU

### 2.9.1. Columns

Column name	Type	Properties	Description
THUONGHIEU_MaThuongHieu	int		
LOAISANPHAM_MaLoaiSP	int		
HinhThuongHieu	text		

## 2.10. Table HOADON

### 2.10.1. Columns

Column name	Type	Properties	Description
MaHD	int		
NgayMua	text		
NgayGiao	text		
TrangThai	char(20)		
TenNguoiNhan	char(100)		
SoDienThoai	char(20)		
ChuyenKhoan	bool		
MaChuyenKoan	text		

## 2.11. Table CHITIETHOADON

### 2.11.1. Columns

Column name	Type	Properties	Description
HOADON_MaHD	int		
SANPHAM_MaSP	int		
SoLuongSP	int		

## 2.12. Table BINHLUAN

### 2.12.1. Columns

Column name	Type	Properties	Description
MaBL	int		
TieuDe	char(200)		

## 2.13. Table CHITIETBINHLUAN

### 2.13.1. Columns

Column name	Type	Properties	Description
BINHLUAN_MaBL	int		
USER_MaUser	int		
SANPHAM_MaSP	int		
NoiDung	int		
NgayBL	int		

## 2.14. Table DANHGIA

### 2.14.1. Columns

Column name	Type	Properties	Description
MaDG	int		
SANPHAM_MaSP	int		
TenThietBi	text		
TieuDe	text		
NoiDung	text		
SoSao	int		

NgayDanhGia	char(50)		
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### 3. References

#### 3.1. Reference SANPHAM\_LOAISANPHAM

LOAISANPHAM	0..*	SANPHAM
MaLoaiSP	<->	LOAISANPHAM_MaLoaiSP

#### 3.2. Reference SANPHAM\_THUONGHIEU

THUONGHIEU	0..*	SANPHAM
MaThuongHieu	<->	THUONGHIEU_MaThuongHieu

#### 3.3. Reference USER\_LOAIUSER

LOAIUSER	0..*	USER
MaLoaiUser	<->	LOAIUSER_MaLoaiUser

#### 3.4. Reference KHUYENMAI\_LOAISANPHAM

LOAISANPHAM	0..*	KHUYENMAI
MaLoaiSP	<->	LOAISANPHAM_MaLoaiSP

#### 3.5. Reference CHITIETKHUYENMAI\_KHUYENMAI

KHUYENMAI	0..*	CHITIETKHUYENMAI
MaKM	<->	KHUYENMAI_MaKM

#### 3.6. Reference CHITIETKHUYENMAI\_SANPHAM

SANPHAM	0..*	CHITIETKHUYENMAI
MaSP	<->	SANPHAM_MaSP

#### 3.7. Reference CHITIETSANPHAM\_SANPHAM

SANPHAM	0..*	CHITIETSANPHAM
MaSP	<->	SANPHAM_MaSP

#### 3.8. Reference CHITIETTHUONGHIEU\_THUONGHIEU

THUONGHIEU	0..*	CHITIETTHUONGHIEU
MaThuongHieu	<->	THUONGHIEU_MaThuongHieu

### 3.9. Reference CHITIETTHUONGHIEU\_LOAISANPHAM

LOAISANPHAM	0..*	CHITIETTHUONGHIEU
MaLoaiSP	<->	LOAISANPHAM_MaLoaiSP

### 3.10. Reference CHITIETHOADON\_HOADON

HOADON	0..*	CHITIETHOADON
MaHD	<->	HOADON_MaHD

### 3.11. Reference CHITIETHOADON\_SANPHAM

SANPHAM	0..*	CHITIETHOADON
MaSP	<->	SANPHAM_MaSP

### 3.12. Reference CHITIETBINHLUAN\_BINHLUAN

BINHLUAN	0..*	CHITIETBINHLUAN
MaBL	<->	BINHLUAN_MaBL

### 3.13. Reference CHITIETBINHLUAN\_USER

USER	0..*	CHITIETBINHLUAN
MaUser	<->	USER_MaUser

### 3.14. Reference CHITIETBINHLUAN\_SANPHAM

SANPHAM	0..*	CHITIETBINHLUAN
MaSP	<->	SANPHAM_MaSP

### 3.15. Reference DANHGIA\_SANPHAM

SANPHAM	0..*	DANH GIA
MaSP	<->	SANPHAM_MaSP