

Database model documentation

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1. Model details

Model name:

MSMS

Version:

2.4

Database engine:

MySQL

Description:

2. Tables

2.1. Table Customers

2.1.1. Columns

Column name	Type	Properties	Description
Cust_ID	int	PK	
Cust_Name	Varchar(25)		
Cust_Contact	int		
Cust_Device	Varchar(25)		
Cust_Dev_Units	int		

2.2. Table Devices

2.2.1. Columns

Column name	Type	Properties	Description
Dev_ID	int	PK	
Dev_Make	varchar(25)		
Dev_Model	varchar(25)		
Dev_Version	varchar(25)		
Dev_Accessories	varchar(25)		
Cust_ID	int		
Stf_ID	int		
Acc_ID	int		
B_ID	int		

2.3. Table Accessories

2.3.1. Columns

Column name	Type	Properties	Description
Acc_ID	int	PK	
Acc_Name	varchar(25)		
Acc_In_Units	int		
Acc_BuyRate	float		
Acc_Out_Units	int		

Dev_ID	int		
Stf_ID	int		

2.4. Table Staffs

2.4.1. Columns

Column name	Type	Properties	Description
Stf_ID	int	PK	
Stf_Name	varchar(25)		
Stf_Role	varchar(25)		
Stf_Serv_Units	int		

2.5. Table Bills

2.5.1. Columns

Column name	Type	Properties	Description
B_ID	int	PK	
B_Date	date		
B_Name	varchar(25)		
B_Services	varchar(25)		
B_Accessories	varchar(25)		
B_Price	float		
B_Units	int		
B_Amount	float		
Cust_ID	int		

3. References

3.1. Reference Devices_Customers

Customers	0..*	Devices
Cust_ID	<->	Cust_ID

3.2. Reference Devices_Staffs

Staffs	0..*	Devices
Stf_ID	<->	Stf_ID

3.3. Reference Accessories_Devices

Devices	0..*	Accessories
Dev_ID	<->	Dev_ID

3.4. Reference Devices_Accessories

Accessories	0..*	Devices
Acc_ID	<->	Acc_ID

3.5. Reference Bills_Customers

Customers	0..*	Bills
Cust_ID	<->	Cust_ID

3.6. Reference Devices_Bills

Bills	0..*	Devices
B_ID	<->	B_ID

3.7. Reference Accessories_Staffs

Staffs	0..*	Accessories
Stf_ID	<->	Stf_ID