Database model documentation

Table of contents

1. Model details

Model name:

Diseño_Fìsico_vul

Version:

2.4

Database engine:

 MySQL

Description:

2. Tables

2.1. Table Customer

2.1.1. Columns

Column name	Type	Properties	Description
id_customer	int	PK	
name	varchar(100)		
lastname	varchar(100)		
address	varchar(255)		
phone	char(9)		
email	varchar(255)	null	
document_type	char(3)		
document_number	varchar(20)		
date	date		
estate	bool		

2.2. Table Vehicle

2.2.1. Columns

Column name	Type	Properties	Description
id_vehicle	int	PK	
id_customer	int		
brand	varchar(50)		
type	varchar(50)		
plate	varchar(20)		

2.3. Table Order_of_service

2.3.1. Columns

Column name	Type	Properties	Description
id_order	int	PK	
id_customer	int		
id_product	int		
date	timestamp		

status	char(1)		
Services_service_id	int		

2.4. Table Product

2.4.1. Columns

Column name	Type	Properties	Description
id_product	int	PK	
name	varchar(60)		
type	varchar(50)		
price	decimal(10,2)		
in stock?	bool		
stock	int		
registration_date	timestamp		

2.5. Table Sale

2.5.1. Columns

Column name	Type	Properties	Description
id_sale	int	PK	
id_customer	int		
sale_date	timestamp		
total	decimal(10,2)		

2.6. Table Sale_detail

2.6.1. Columns

Column name	Type	Properties	Description
id_sale_detail	int	PK	
id_sale	int		
id_product	int		
quantity	int		
unit_price	decimal(10,2)		

2.7. Table Services

2.7.1. Columns

Column name	Type	Properties	Description
service_id	int	PK	
service_type	varchar(50)		
description	text		
service_status	blob		
date	date		

3. References

3.1. Reference Vehicle_Customer

Customer	0..*	Vehicle
id_customer	<->	id_customer

3.2. Reference Order_of_service_Customer

Customer	0..*	Order_of_service
id_customer	<->	id_customer

3.3. Reference Order_of_service_Product

Product	0..*	Order_of_service
id_product	<->	id_product

3.4. Reference Sale_Customer

Customer	0..*	Sale
id_customer	<->	id_customer

3.5. Reference Sale_detail_Sale

Sale	0..*	Sale_detail
id_sale	<->	id_sale

3.6. Reference Sale_detail_Product

Product	0..*	Sale_detail
id_product	<->	id_product

3.7. Reference Order_of_service_Services

Services	0..*	Order_of_service
service_id	<->	Services_service_id