ER Diagram for Wine Application DB (after normalization)

Dana Moore | January 4, 2022

customers

*customer_id	Int
first_name	Varchar(255)
last_name	Varchar(255)
phone	Varchar(25)
email	Varchar(255)

orders

*order_id	Char(4)
customer_id	Int
order_status	Tinyint
order_date	Date
shipped_date	Date
payment_id	Char(4)

products

*product_id	Char(6)
product_name	Varchar(255)
category_id	Int
list_price	Decimal(10,2)
available_qty	Int

product_desc

product_id	Char(6)
size	Char(5)
abv	Decimal(4,3)
varietal_id	Int
category_id	Int

order_items

*order_id	Char(4)
item_id	Char(6)
product_id	Char(6)
quantity	Int

categories

*category_id	Char(5)
category_name	VarChar(50)

payments

*payment_id	Char(4)
card_type	Varchar(20)
card_number	Int(12)
cvv	Int(5)
name_on_card	Varchar(25)
customer_id	Int

varietal

*varietal_id	Int
varietal_name	Varchar(255)

billing

billing_id	Char(5)
amount_paid	Decimal(10,2)
payment_id	Char(4)
order_id	Char(4)

address

*address_id	Int
street	Varchar(255)
apt_number	Varchar(50)
customer_id	Int
zip_code	Char(5)

zip_code

*zip_code	Char(5)
city	VarChar(50)
state	Varchar(25)