

Database Dictionary

Table: categories

id	INT	Primary key. Unique identifier for each category.
name	VARCHAR	Name of the category (e.g., 'Part').
description	TEXT	Description or details about the category.
parent_id	INT	Refers to another category id (self-referencing for nested categories).

Table: customer_sessions

id	INT	Primary key. Unique identifier for each session.
customer_id	INT	Foreign key referencing customers(id).
session_start	DATETIME	Session start timestamp.
session_end	DATETIME	Session end timestamp.
ip_address	VARCHAR	IP address used in the session.

Table: customers

id	INT	Primary key. Unique customer ID.
first_name	VARCHAR	Customer's first name.
last_name	VARCHAR	Customer's last name.
email	VARCHAR	Customer's email address.
phone	VARCHAR	Customer's contact number.
address	TEXT	Customer's full address.
registration_date	DATETIME	Date the customer registered.

Table: discounts

id	INT	Primary key. Unique discount ID.
code	VARCHAR	Unique discount code.
percentage	DECIMAL	Discount percentage value.
start_date	DATETIME	Discount start date.
end_date	DATETIME	Discount expiration date.
is_active	BOOLEAN	Whether the discount is currently active.
product_id	INT	Foreign key referencing products(id).
category_id	INT	Foreign key referencing categories(id).

Database Dictionary

Table: inventory_movements

id	INT	Primary key. Unique movement ID.
product_id	INT	Foreign key referencing products(id).
quantity	INT	Change in quantity (+restock, -sale).
movment_type	VARCHAR	Type of movement (e.g., sale, restock).
movment_date	DATETIME	Date of inventory change.

Table: order_details

id	INT	Primary key. Unique detail line ID.
order_id	INT	Foreign key referencing orders(id).
product_id	INT	Foreign key referencing products(id).
quantity	INT	Number of product units ordered.
unit_price	DECIMAL	Price per unit at the time of order.

Table: orders

id	INT	Primary key. Order identifier.
customer_id	INT	Foreign key referencing customers(id).
order_date	DATETIME	Date and time when the order was placed.
total_amount	DECIMAL	Total monetary value of the order.
status	VARCHAR	Order status (e.g., shipped, pending).

Table: payments

id	INT	Primary key. Unique payment ID.
order_id	INT	Foreign key referencing orders(id).
customer_id	INT	Foreign key referencing customers(id).
amount	DECIMAL	Amount paid.
payment_date	DATETIME	Date and time of the payment.
payment_method	VARCHAR	Payment method used (e.g., PayPal).
status	VARCHAR	Payment status (e.g., completed, failed).

Table: products

Database Dictionary

id	INT	Primary key. Product ID.
name	VARCHAR	Name of the product.
description	TEXT	Detailed description of the product.
price	DECIMAL	Product price.
category_id	INT	Foreign key referencing categories(id).
supplier_id	INT	Foreign key referencing suppliers(id).
sku	VARCHAR	Stock keeping unit (unique product code).
stock_quantity	INT	Current quantity in stock.

Table: returns

id	INT	Primary key. Return record ID.
order_id	INT	Foreign key referencing orders(id).
return_date	DATETIME	Date of the return.
reason	TEXT	Reason for return.
status	VARCHAR	Return status (e.g., approved, pending).

Table: reviews

id	INT	Primary key. Review ID.
product_id	INT	Foreign key referencing products(id).
customer_id	INT	Foreign key referencing customers(id).
rating	INT	Rating given by customer (e.g., 1-5).
comment	TEXT	Review comment.
review_date	DATETIME	Date the review was posted.

Table: shipping

id	INT	Primary key. Shipping record ID.
order_id	INT	Foreign key referencing orders(id).
shipping_date	DATETIME	Date the order was shipped.
tracking_number	VARCHAR	Tracking number provided by the carrier.
carrier	VARCHAR	Shipping carrier name (e.g., FedEx).
status	VARCHAR	Shipping status (e.g., shipped, delayed).

Database Dictionary

Table: suppliers

id	INT	Primary key. Unique supplier ID.
name	VARCHAR	Supplier name.
contact_person	VARCHAR	Name of the contact person at supplier.
email	VARCHAR	Contact email.
phone	VARCHAR	Contact number.
address	TEXT	Supplier address.

Table: wishlists

id	INT	Primary key. Wishlist record ID.
customer_id	INT	Foreign key referencing customers(id).
product_id	INT	Foreign key referencing products(id).
added_date	DATETIME	Date when product was added to wishlist.