Entity

Field	Type
Field	Type
Field	Type
Field	Type
Field	Type

Entity relationship diagrams

Entity-relationship diagrams (ERD) are essential to modeling databases. Learn about ER diagram symbols and notation here.
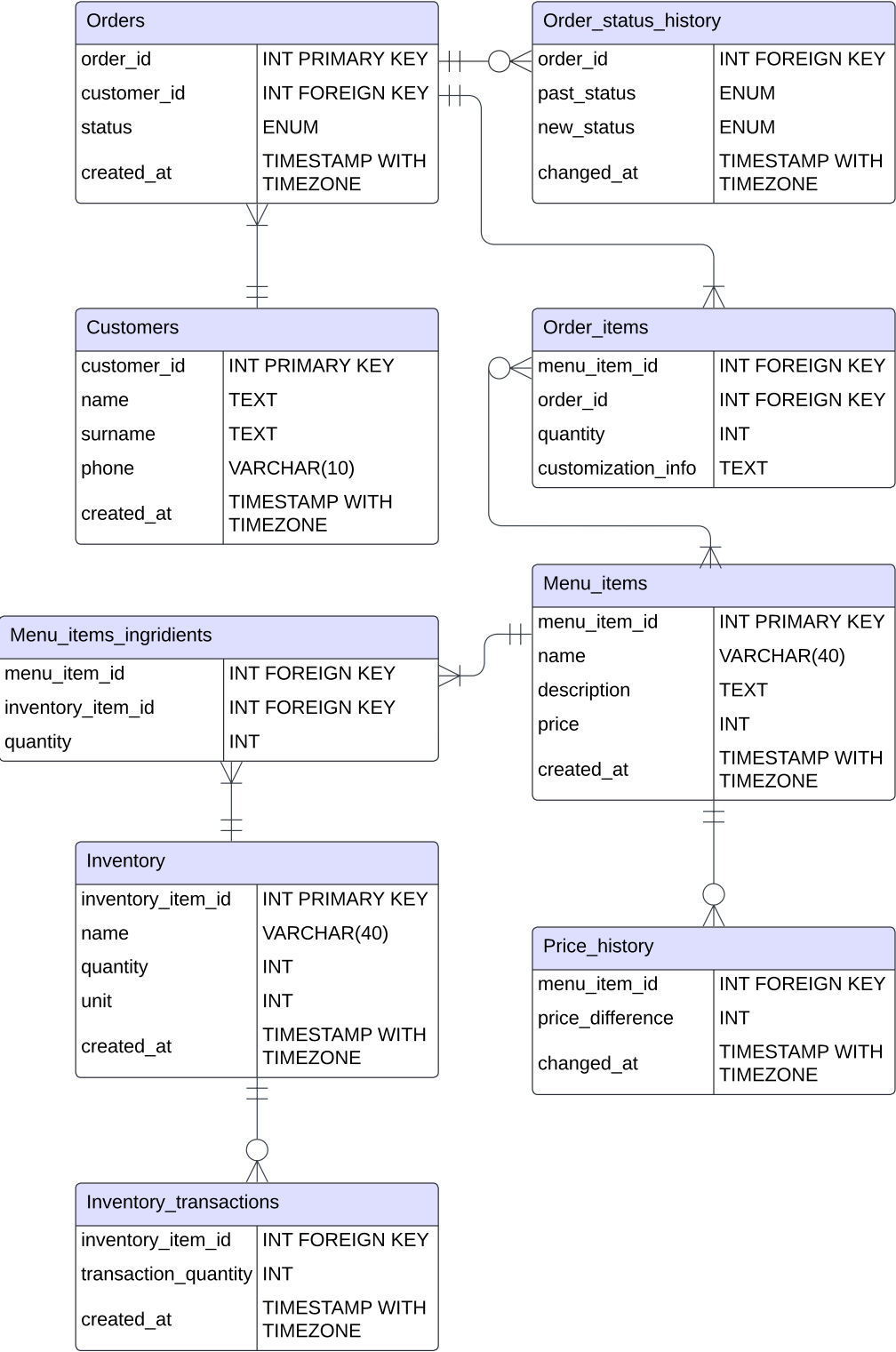
Lucidchart basics

Database shapes

- Existing table
- Proposed table

Comment

Click the Quick Action to easily ask questions or give feedback!

Customer Flowchart

The flowchart describes the attributes of a customer entity, including customer_id, name, surname, phone, and created_at, with customer_id being the primary key.

Orders

order_id	INT PRIMARY KEY
customer_id	INT FOREIGN KEY
status	ENUM
created_at	TIMESTAMP WITH TIMEZONE

Order_status_history

order_id	INT FOREIGN KEY
past_status	ENUM
new_status	ENUM
changed_at	TIMESTAMP WITH TIMEZONE

Customers

customer_id	INT PRIMARY KEY
name	TEXT
surname	TEXT
phone	VARCHAR(10)
created_at	TIMESTAMP WITH TIMEZONE

Order_items

menu_item_id	INT FOREIGN KEY
order_id	INT FOREIGN KEY
quantity	INT
customization_info	TEXT

Menu_items_ingridients

menu_item_id	INT FOREIGN KEY
inventory_item_id	INT FOREIGN KEY
quantity	INT

Menu_items

menu_item_id	INT PRIMARY KEY
name	VARCHAR(40)
description	TEXT
price	INT
created_at	TIMESTAMP WITH TIMEZONE

Inventory

inventory_item_id	INT PRIMARY KEY
name	VARCHAR(40)
quantity	INT
unit	INT
created_at	TIMESTAMP WITH TIMEZONE

Price_history

menu_item_id	INT FOREIGN KEY
price_difference	INT
changed_at	TIMESTAMP WITH TIMEZONE

Inventory_transactions

inventory_item_id	INT FOREIGN KEY
transaction_quantity	INT
created_at	TIMESTAMP WITH TIMEZONE