

# GA5 - Data Dictionary / Database Structure

Project: CLAIRE NA BARAKO - Coffee Shop Ordering and Delivery System

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## Table: Customers

Column	Type	Description
customer_id	INT	Primary Key, auto_increment
name	VARCHAR(100)	Customer full name
email	VARCHAR(100)	Email address
phone	VARCHAR(20)	Contact number
address_id	INT	FK to Addresses
created_at	TIMESTAMP	Record created timestamp

## Table: Addresses

Column	Type	Description
address_id	INT	Primary Key
customer_id	INT	FK to Customers
street	VARCHAR(200)	Street address
city	VARCHAR(100)	City
zip	VARCHAR(20)	ZIP code

## Table: Categories

Column	Type	Description
category_id	INT	Primary Key
name	VARCHAR(100)	Category name

## Table: Products

Column	Type	Description
product_id	INT	Primary Key
name	VARCHAR(150)	Product name
category_id	INT	FK to Categories
price	DECIMAL(10,2)	Unit price
stock	INT	Stock quantity
description	TEXT	Product description

## Table: Orders

Column	Type	Description
order_id	INT	Primary Key
customer_id	INT	FK to Customers
order_date	DATETIME	Order timestamp
total_amount	DECIMAL(10,2)	Order total amount
status	VARCHAR(50)	Order status (Pending/Preparing/Out for Delivery/Completed)
payment_id	INT	FK to Payments
delivery_id	INT	FK to Deliveries

## Table: OrderItems

Column	Type	Description
orderitem_id	INT	Primary Key
order_id	INT	FK to Orders
product_id	INT	FK to Products
quantity	INT	Quantity ordered
price	DECIMAL(10,2)	Price at time of order

**Table: Payments**

Column	Type	Description
payment_id	INT	Primary Key
order_id	INT	FK to Orders
method	VARCHAR(50)	Payment method (COD, GCash, PayMaya)
amount	DECIMAL(10,2)	Paid amount
status	VARCHAR(50)	Payment status
paid_at	DATETIME	Payment timestamp

**Table: Deliveries**

Column	Type	Description
delivery_id	INT	Primary Key
order_id	INT	FK to Orders
courier	VARCHAR(100)	Courier/Driver name
status	VARCHAR(50)	Delivery status
eta	DATETIME	Estimated time of arrival

**Table: Users**

Column	Type	Description
user_id	INT	Primary Key
username	VARCHAR(50)	Login username
password_hash	VARCHAR(255)	Hashed password
role	VARCHAR(50)	Role (admin/staff)
name	VARCHAR(100)	Staff full name