

Relational Schema – E-Commerce Project

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Customer

<u>Field Name</u>	<u>Data Type</u>	<u>Key Type / Constraint</u>
id	INTEGER	PK
name	TEXT	
email	TEXT	UNIQUE
created_at	TEXT/DATE	

CreditCard

<u>Field Name</u>	<u>Data Type</u>	<u>Key Type / Constraint</u>
id	INTEGER	PK
customer_id	INTEGER	FK → Customer.id
brand	TEXT	
last4	TEXT	
exp_month	INTEGER	
exp_year	INTEGER	
nickname	TEXT	

Staff

<u>Field Name</u>	<u>Data Type</u>	<u>Key Type / Constraint</u>
id	INTEGER	PK
name	TEXT	
email	TEXT	UNIQUE

Product

<u>Field Name</u>	<u>Data Type</u>	<u>Key Type / Constraint</u>
id	INTEGER	PK
name	TEXT	
category	TEXT	
price	REAL	
inventory_qty	INTEGER	
is_active	INTEGER	

Order

<u>Field Name</u>	<u>Data Type</u>	<u>Key Type / Constraint</u>
id	INTEGER	PK
customer_id	INTEGER	FK → Customer.id
created_at	TEXT/DATE	
total_amount	REAL	
status	TEXT	
payment_method	TEXT	

OrderItem

<u>Field Name</u>	<u>Data Type</u>	<u>Key Type / Constraint</u>
id	INTEGER	PK
order_id	INTEGER	FK → Order.id
product_id	INTEGER	FK → Product.id
quantity	INTEGER	
unit_price	REAL	
line_total	REAL	