

Database Schema

1. CustomUser Table

This table stores user information.

Column Name	Data Type	Constraints
id	Integer (AutoField)	Primary Key, Auto Increment
email	Varchar(254)	Unique, Not Null
name	Varchar(255)	Not Null
phone	Varchar(15)	Not Null, Validated using regex (^\\+?1?\\d{9,15}\$)
address	Text	Not Null
created_at	DateTime	Auto Now Add
is_active	Boolean	Default: True
is_admin	Boolean	Default: False
is_staff	Boolean	Default: False

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2. Pizza Table

This table stores pizza information.

Column Name	Data Type	Constraints
id	Integer (AutoField)	Primary Key, Auto Increment
name	Varchar(100)	Not Null
toppings	Varchar(255)	Not Null
price	Decimal(6, 2)	Not Null, Validated using MinValueValidator (must be ≥ 0)

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### 3. Order Table

This table stores order information.

Column Name	Data Type	Constraints
id	Integer (AutoField)	Primary Key, Auto Increment
customer_id	Integer	Foreign Key to CustomUser.id, On Delete: CASCADE
total_price	Decimal(8, 2)	Not Null, Validated using MinValueValidator (must be $\geq 0$ )
created_at	DateTime	Auto Now Add
status	Varchar(10)	Choices: Pending, Completed, Cancelled

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### 4. Order\_Pizzas Table (Many-to-Many Relationship)

This table represents the many-to-many relationship between Order and Pizza.

Column Name	Data Type	Constraints
id	Integer (AutoField)	Primary Key, Auto Increment
order_id	Integer	Foreign Key to Order.id, On Delete: CASCADE
pizza_id	Integer	Foreign Key to Pizza.id, On Delete: CASCADE