

## Database Schema

**Users Table** - Stores information about registered users.

Column	Data Type	Description
user_id	INT (PK)	User ID (Primary Key)
username	VARCHAR(50)	User's username
email	VARCHAR(100)	User's email
password	VARCHAR(255)	User's hashed password
first_name	VARCHAR(50)	User's first name
last_name	VARCHAR(50)	User's last name
created_at	TIMESTAMP	Timestamp of registration

**Products Table** - Stores information about the products available in the store.

Column	Data Type	Description
product_id	INT (PK)	Product ID (Primary Key)
name	VARCHAR(100)	Product name
description	TEXT	Product description
price	DECIMAL(10,2)	Product price
image_url	VARCHAR(255)	URL to product image
stock	INT	Product stock quantity

**Orders Table** - Stores information about customer orders.

Column	Data Type	Description
order_id	INT (PK)	Order ID (Primary Key)
user_id	INT (FK)	User ID (Foreign Key)
order_date	TIMESTAMP	Timestamp of the order
status	VARCHAR(20)	Order status (e.g., "Pending", "Shipped")

**Order\_Items Table** - Stores the items within each order.

Column	Data Type	Description
order_item_id	INT (PK)	Order Item ID (Primary Key)
order_id	INT (FK)	Order ID (Foreign Key)
product_id	INT (FK)	Product ID (Foreign Key)
quantity	INT	Quantity of the product
subtotal	DECIMAL(10,2)	Subtotal for the item