Database Schema Design

🗄 Users & Auth Schema

users
- id (UUID, PK)
- email (VARCHAR, UNIQUE)
- password_hash (VARCHAR)
- role (ENUM: admin, seller, buyer)
- created_at, updated_at (TIMESTAMP)

Products & Inventory Schema

products
- id (UUID, PK)
- name, description (VARCHAR)
- price (DECIMAL)
- category_id (UUID, FK)
- seller_id (UUID, FK)
- images (JSONB)

stock
- id (UUID, PK)
- product_id (UUID, FK)
- quantity (INTEGER)
- reserved (INTEGER)
- last_updated (TIMESTAMP)

Orders Schema

orders
- id (UUID, PK)
- user_id (UUID, FK)
- status (ENUM)
- total_amount (DECIMAL)
- shipping_address_id (FK)
- created_at (TIMESTAMP)

order_items
- id (UUID, PK)
- order_id (UUID, FK)
- product_id (UUID, FK)
- quantity (INTEGER)
- price (DECIMAL)