

```
CREATE TABLE images (
    image_id TEXT PRIMARY KEY,
    url TEXT,
    product_id TEXT REFERENCES products(product_id) ON DELETE CASCADE
);
```

```
CREATE TABLE products (
    product_id TEXT PRIMARY KEY,
    name VARCHAR(50) NOT NULL,          You, 3 days ago • postgres
    category VARCHAR(50) NOT NULL,
    description TEXT,
    price INTEGER NOT NULL CHECK (price >= 0),
    shipping_cost INTEGER NOT NULL CHECK (shipping_cost >= 0),
    brand VARCHAR(25) NOT NULL,
    stock_status BOOLEAN NOT NULL DEFAULT FALSE,
    shipping_time INTEGER NOT NULL CHECK (shipping_time > 0),
    active BOOLEAN NOT NULL DEFAULT FALSE
);
CREATE UNIQUE INDEX idx_product_name ON products (name);
```

```
CREATE TABLE orders_products (
    order_id TEXT NOT NULL REFERENCES orders(order_id) ON DELETE CASCADE,
    product_id TEXT REFERENCES products(product_id) ON DELETE SET NULL,
    PRIMARY KEY (order_id, product_id)
);
```

```
CREATE TABLE orders (
    order_id TEXT PRIMARY KEY,
    user_id TEXT REFERENCES users(user_id) ON DELETE SET NULL,
    order_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    total_amount INTEGER NOT NULL CHECK (total_amount >= 0),
    delivery_fullname VARCHAR(50),
    delivery_address TEXT,           You, 3 days ago • postgres update
    delivery_postcode VARCHAR(10),
    payment_method VARCHAR(20) NOT NULL,
    order_status VARCHAR(20) NOT NULL,
    delivery_status VARCHAR(20) NULL
);
```

```
CREATE TABLE messages (
    message_id TEXT PRIMARY KEY,
    name VARCHAR(50) NOT NULL,
    email VARCHAR(100) NOT NULL,
    subject VARCHAR(100) NULL,
    message TEXT NOT NULL,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

```
CREATE TABLE reviews (
    review_id TEXT PRIMARY KEY,
    product_id TEXT NOT NULL REFERENCES products(product_id) ON DELETE CASCADE,
    user_id TEXT REFERENCES users(user_id) ON DELETE SET NULL,
    rating INTEGER NOT NULL,
    comment TEXT,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

```
CREATE TABLE users (
    user_id TEXT PRIMARY KEY,
    email VARCHAR(100) NOT NULL UNIQUE,
    password VARCHAR(100) NOT NULL,
    phone VARCHAR(20),
    address TEXT,
    postcode VARCHAR(10),
    first_name VARCHAR(50),
    last_name VARCHAR(50),
    role VARCHAR(20) NOT NULL,
    active BOOLEAN NOT NULL DEFAULT TRUE,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```