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**Day 2: Planning the Technical Foundation**

## Data Schema Design

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### Entities and Relationships

#### 1. Users Table

- **Fields:** id, name, email, password, address, phone

#### 2. Products Table

- **Fields:** name, slug, description, height, width, depth, price, image, category, stock

#### 3. Orders Table

- **Fields:** orderid(PK),date,customerid(FK),itemid(FK),totalAmount
- **Relationships:** Linked to Users and Products

#### 4. Inventory Table

- **Fields:** productId, quantity, lastUpdated

#### 5. Customer Table

- **Fields:** customerid(PK), name, email, phonenumber

#### 6. Delivery Zones Table

- **Fields:** id, ZoneName, deliveryCharges, estimatedTime