**Common Entity Relationships**

1. **Category**
   * Hierarchical structure for organizing products.
   * Attributes: id, name, parentCategory, description.
   * Relationships:
     + A category can have multiple subcategories.
     + Products belong to one category.
2. **ProductType**
   * Template defining reusable attributes for products.
   * Attributes: id, name, attributes (e.g., size, color, material, etc.).
   * Relationships:
     + A product type can define attributes for multiple products.
3. **Product**
   * Represents a specific item with links to a category and product type.
   * Attributes: id, name, price, description, categoryId, productTypeId, customAttributes.
   * Relationships:
     + Linked to one category and one product type.
     + Can have multiple variants.
4. **ProductVariant**
   * Variations of a product (e.g., size, color, material).
   * Attributes: id, sku, variantAttributes, stock, additionalPrice.
   * Relationships:
     + Belongs to one product.