

## Entities and Relationships

### 1. **Product**

- Attributes: ProductID (PK), Name, Description, Price, ImageURL, Rating, BrandID (FK), CategoryID (FK)

### 2. **Category**

- Attributes: CategoryID (PK), CategoryName

### 3. **Brand**

- Attributes: BrandID (PK), BrandName

### 4. **User**

- Attributes: UserID (PK), Username, Email, Password, ShippingAddressID (FK)

### 5. **Review**

- Attributes: ReviewID (PK), UserID (FK), ProductID (FK), Rating, Comment, ReviewDate

### 6. **ShippingAddress**

- Attributes: ShippingAddressID (PK), UserID (FK), Address, City, State, ZipCode, Country

## Relationships

- A **Product** belongs to one **Category** (one-to-many relationship)
- A **Product** belongs to one **Brand** (one-to-many relationship)
- A **Product** has many **Reviews** (one-to-many relationship)
- A **User** can write many **Reviews** (one-to-many relationship)
- A **User** can have multiple **ShippingAddresses** (one-to-many relationship)