(T1) Teacher list

TID (p), Name, Address, Phone, Dept

(T2) Course list

Course Name, Course Code (p)

(T3) Teacher Course. Course Code,

TC ID (P), TID (FK) (FK) T2

Database Design

1. Table: Variable/Attribute
2. **Reviews**

**Attributes**:

ReviewID (Primary Key)

ProductID (Foreign Key)

UserID (Foreign Key)

Rating

Comment

ReviewDate

1. **Payments**

**Attributes**:

PaymentID (Primary Key)

OrderID (Foreign Key)

PaymentDate

PaymentMethod (Card, COD, etc.)

Amount

PaymentStatus

1. **Cart**

**Attributes**:

CartID (Primary Key)

UserID (Foreign Key)

ProductID (Foreign Key)

Quantity

1. **OrderDetails**

**Attributes**:

OrderDetailID (Primary Key)

OrderID (Foreign Key)

ProductID (Foreign Key)

Quantity

Price

1. **Orders**

**Attributes**:

OrderID (Primary Key)

UserID (Foreign Key)

OrderDate

TotalAmount

PaymentStatus

DeliveryStatus

ShippingAddress

1. **Categories**

**Attributes**:

CategoryID (Primary Key)

CategoryName

Description

1. **Products**

**Attributes**:

ProductID (Primary Key)

ProductName

Description

Price

QuantityInStock

CategoryID (Foreign Key)

ImageUrl

1. **Users**

**Attributes**:

UserID (Primary Key)

Name

Email

Password

Phone

Address

Role (Admin/Customer)

**Aggregation**

1. Weak Ownership
2. Binary Relationship
3. Shared Relationship
4. Transitivity

**Composition**

1. Strong Owne
2. Exclusive Containment
3. Binary
4. Transitivity