

# Database

## Entities [Table Name]

### **Seller**

- ☐ Seller\_ID (Primary Key)
- ☐ Name
- ☐ Email
- ☐ Password
- ☐ Phone
- ☐ Address
- ☐ Profile\_Picture

### **Book**

- ☐ Book\_ID (Primary Key)
- ☐ Title
- ☐ Author
- ☐ ISBN
- ☐ Condition
- ☐ Price
- ☐ Book\_Image
- ☐ Seller\_ID (Foreign Key)

### **Customer**

- ☐ Customer\_ID (Primary Key)
- ☐ Name
- ☐ Email
- ☐ Password
- ☐ Phone

## Cart

- ☐ Cart\_ID (Primary Key)
- ☐ Customer\_ID (Foreign Key)
- ☐ Book\_ID (Foreign Key)

## Transaction

- ☐ Transaction\_ID (Primary Key)
- ☐ Customer\_ID (Foreign Key)
- ☐ Book\_ID (Foreign Key)
- ☐ Date
- ☐ Total\_Amount

## Feedback

- ☐ Feedback\_ID (Primary Key)
- ☐ Comment
- ☐ Date
- ☐ Sender\_ID
- ☐ Receiver\_ID (Can be Null if receiver is Admin)

☐ Receiver\_Type

## Admin

☐ Admin\_ID (Primary Key)

☐ Name

☐ Email

☐ Password

## Moderator

☐ Moderator\_ID (Primary Key)

☐ Name

☐ Email

☐ Password

## Relationship Between Entities [Tables]

☐ **Seller to Book:** One-to-Many (One seller can have multiple books for sale)

☐ **Customer to Cart:** One-to-One (One customer can have one active cart at a time)

☐ **Customer to Transaction:** One-to-Many (One customer can have multiple transactions)

☐ **Customer to Feedback:** One-to-Many (One customer can give feedback to multiple sellers)

☐ **Seller to Feedback:** One-to-Many (One seller can receive feedback from multiple customers)

☐ X **Admin to Seller:** One-to-Many (One admin can manage multiple sellers)

- ☐ **Admin to Customer:** One-to-Many (One admin can manage multiple customers)
- ☐ **Admin to Moderator:** One-to-Many (One admin can manage multiple moderators)
- ☐ **X Moderator to Seller:** One-to-Many (One moderator can manage multiple sellers)
- ☐ **Moderator to Customer:** One-to-Many (One moderator can manage multiple customers)