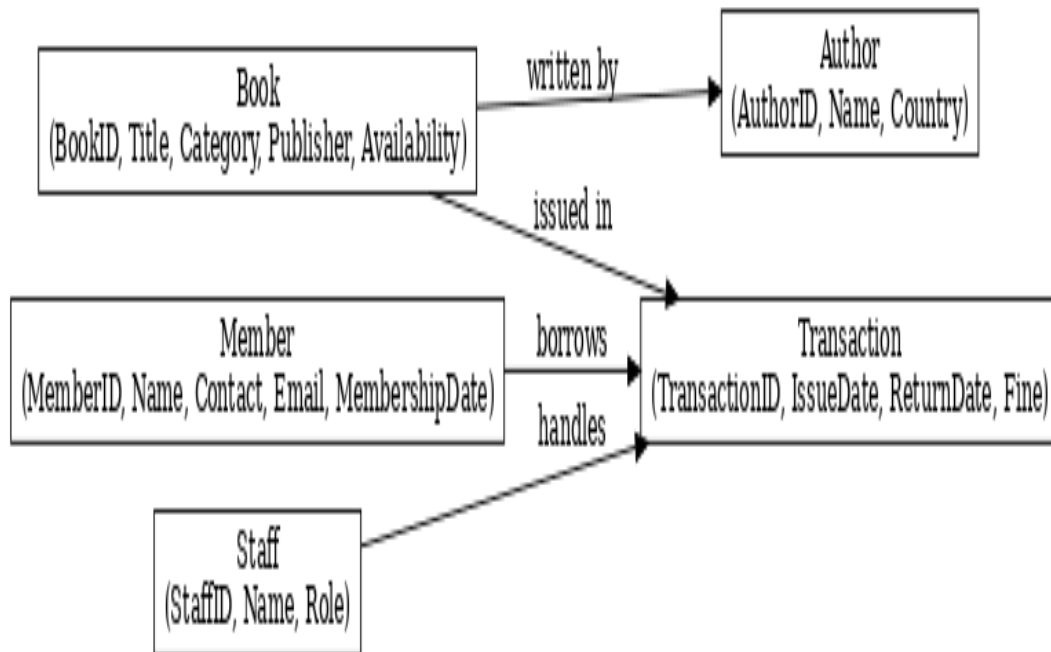


# Library Management System

## 1. Entity Relationship (ER) Diagram



## 2. Relational Mapping Diagram (Schema)

**Book**(BookID [PK], Title, Category, Publisher, Availability, AuthorID [FK])  
**Author**(AuthorID [PK], Name, Country)  
**Member**(MemberID [PK], Name, Contact, Email, MembershipDate)  
**Transaction**(TransactionID [PK], BookID [FK], MemberID [FK], StaffID [FK], IssueDate, ReturnDate, Fine)  
**Staff**(StaffID [PK], Name, Role)