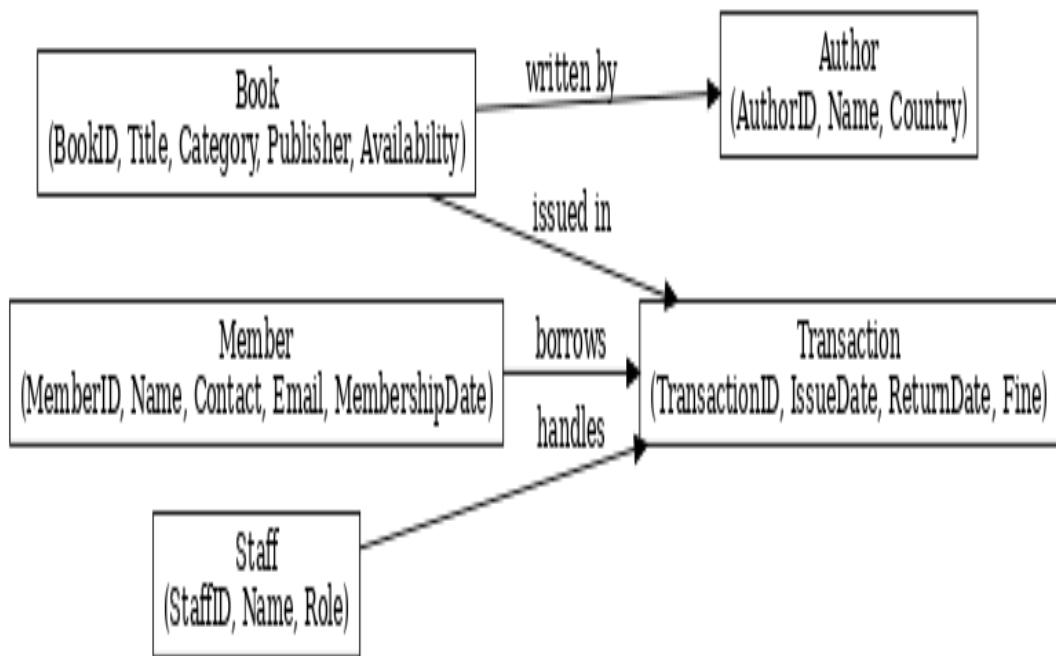


# Library Management System

## 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)