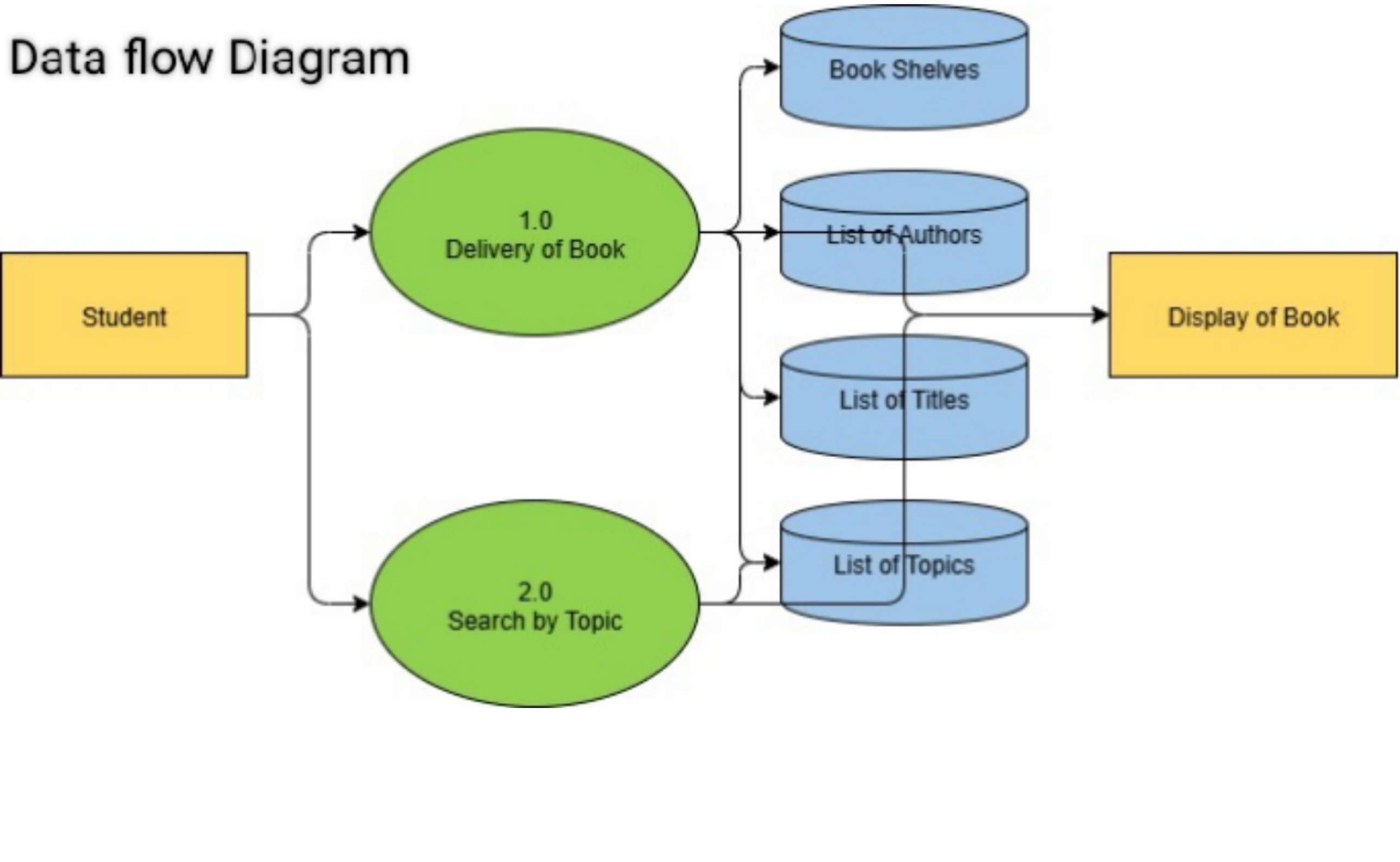
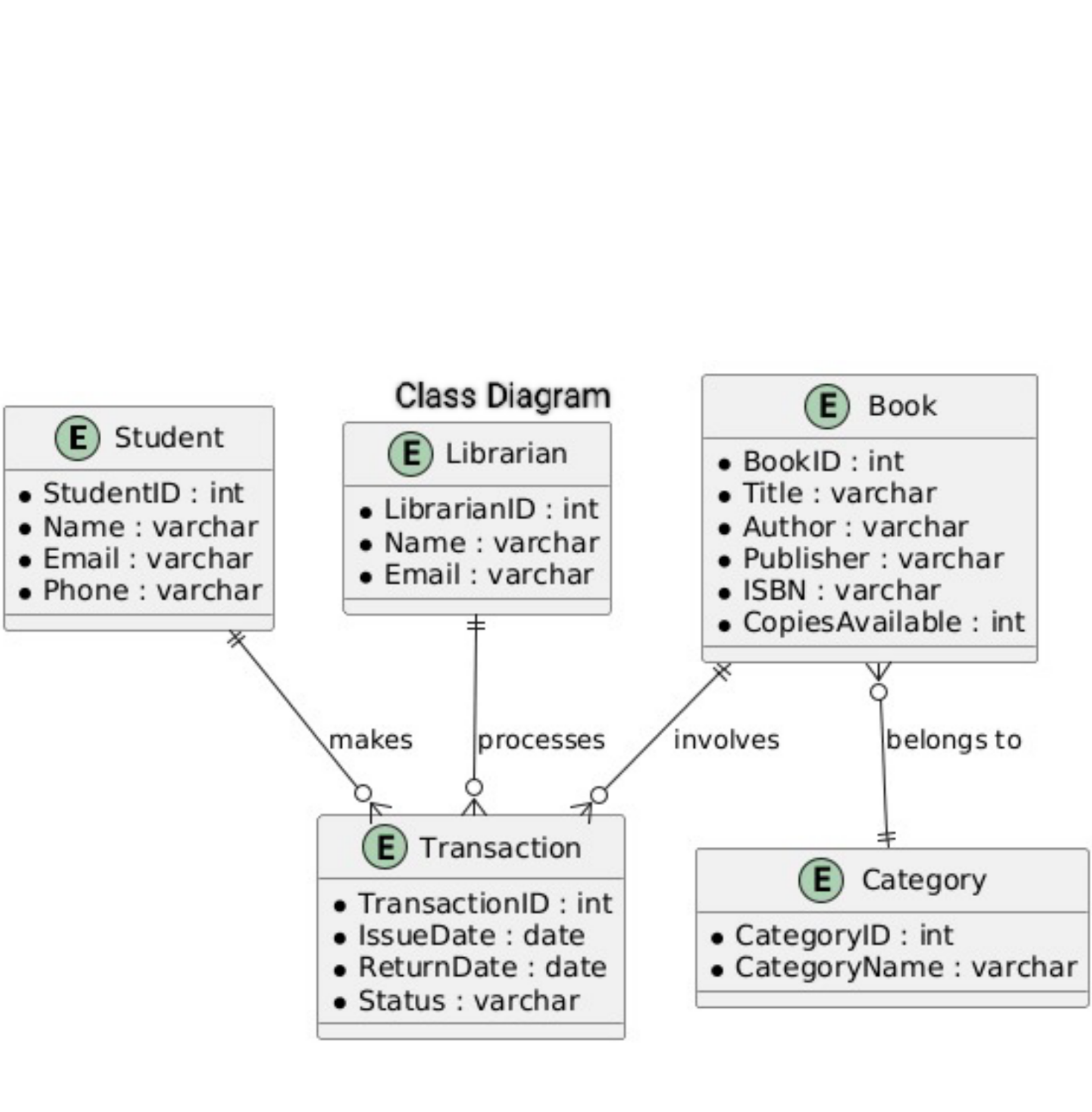
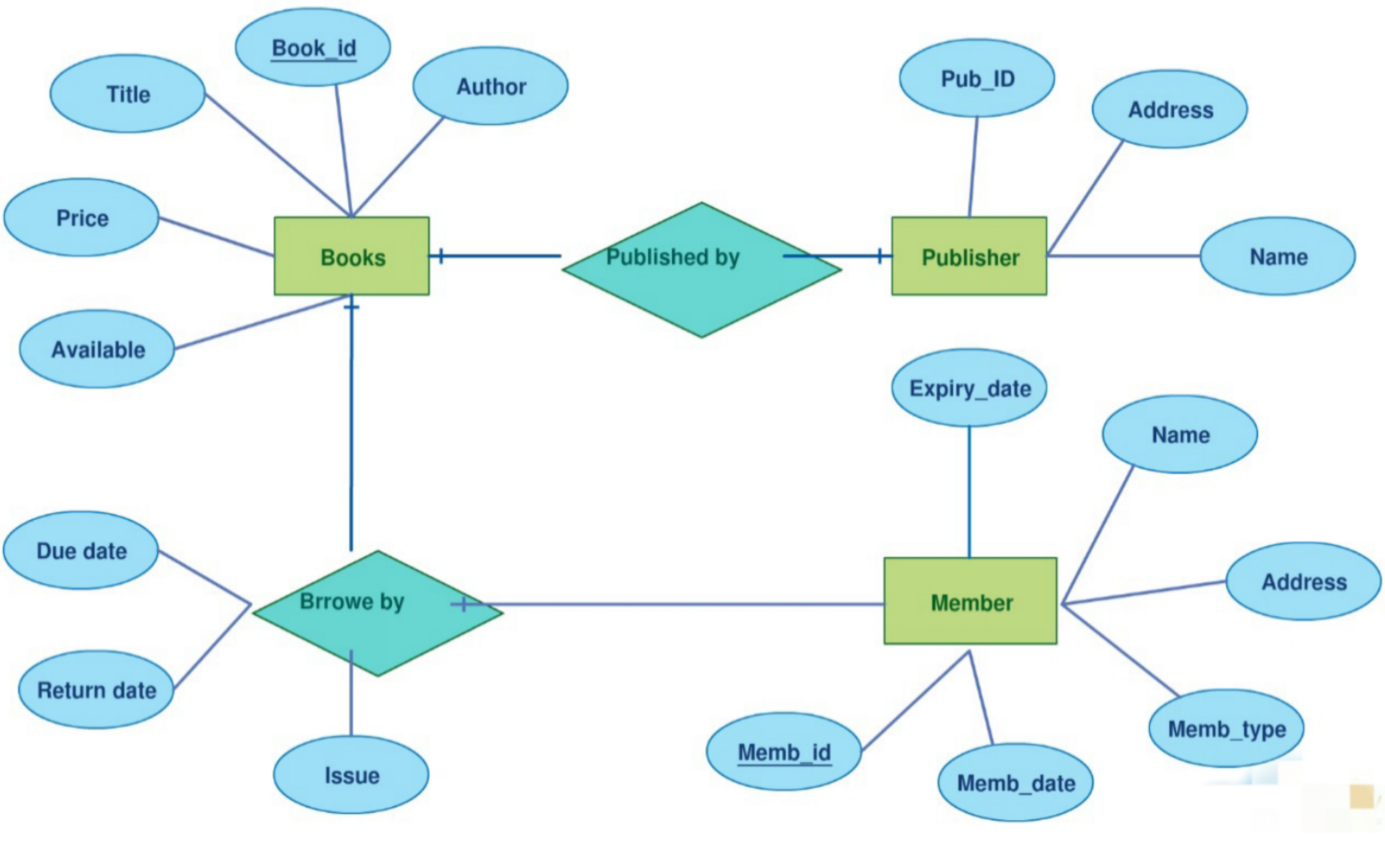
Data flow Diagram

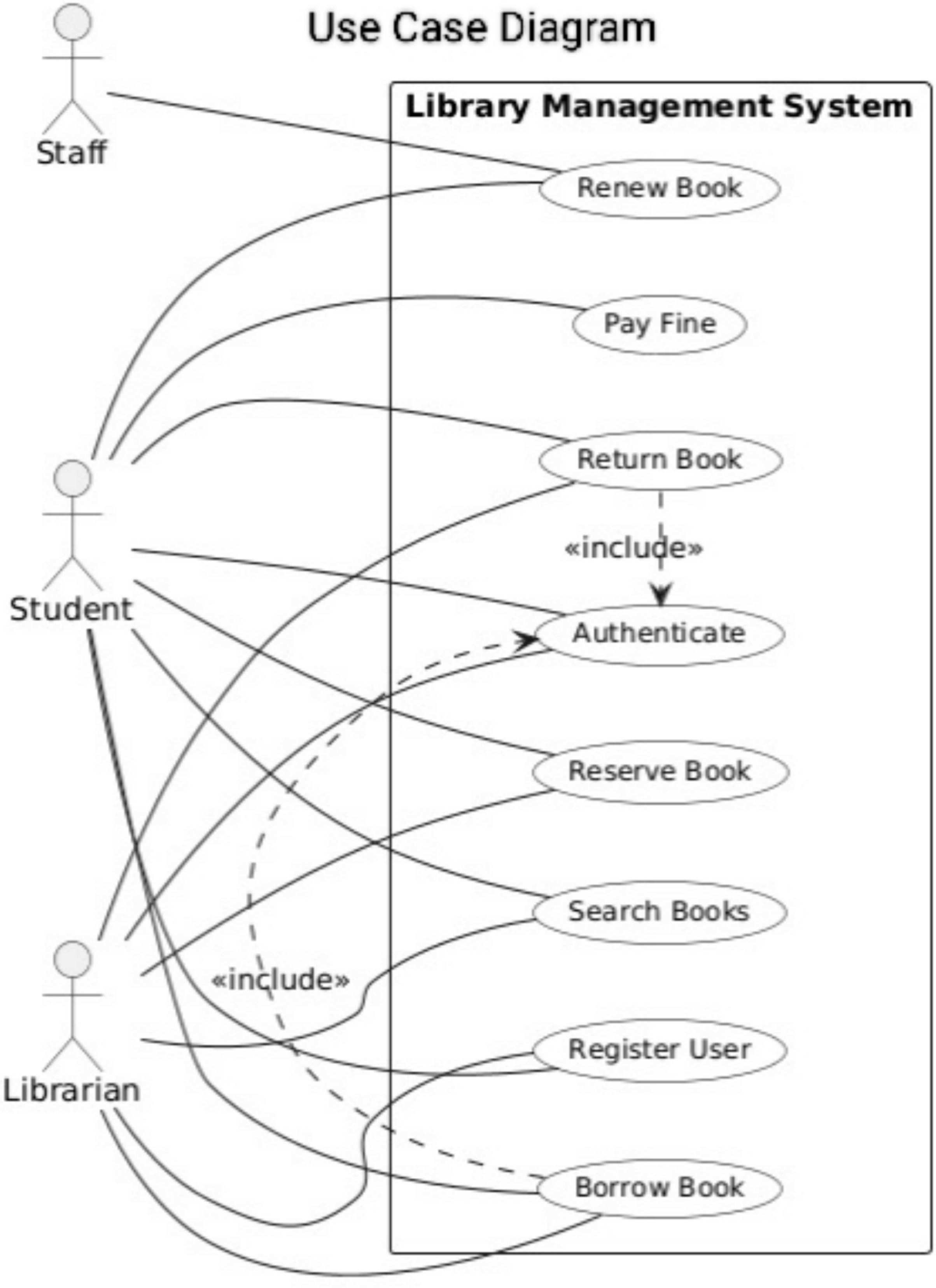


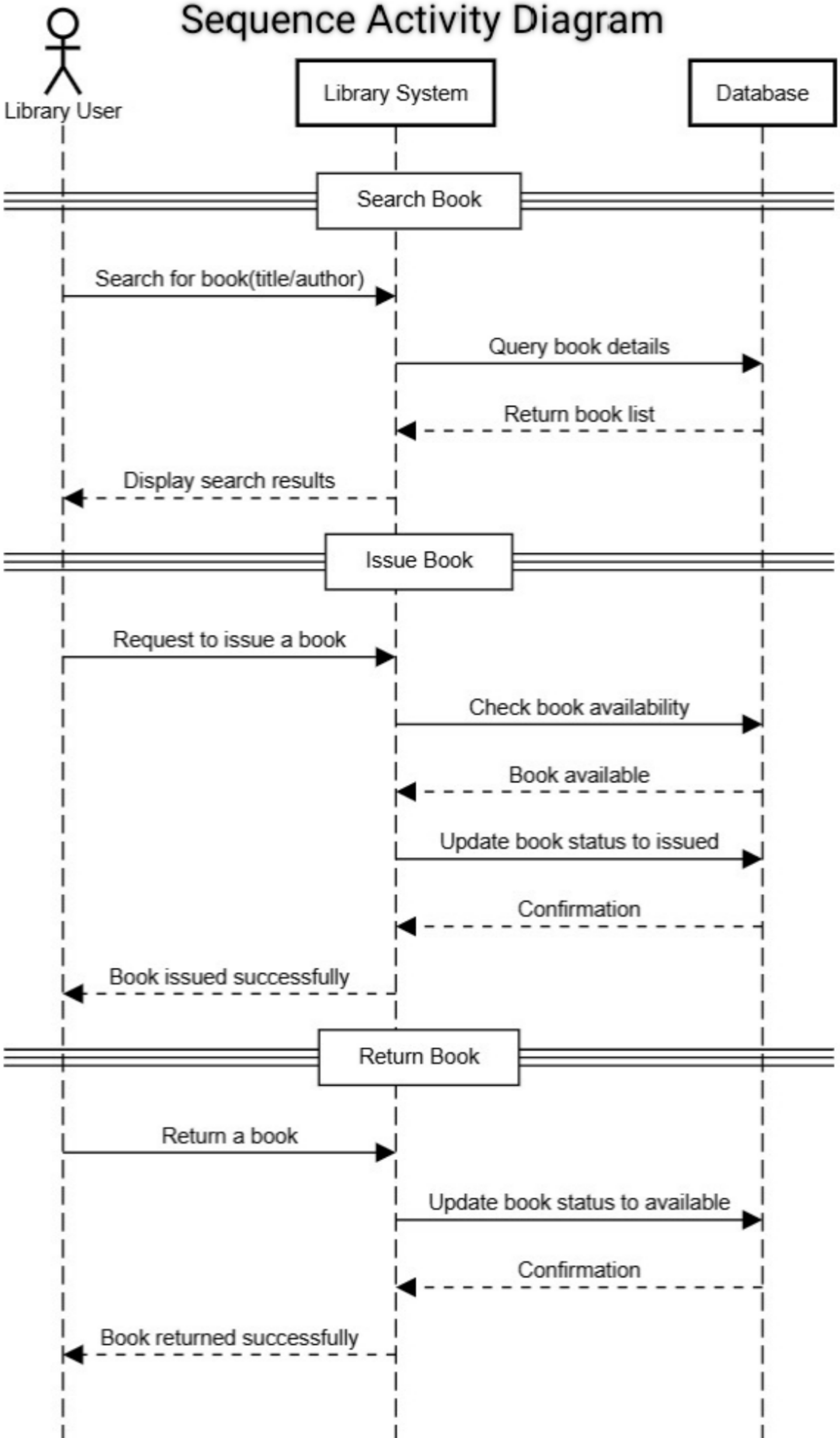

Class Diagram
Student
StudentID : int
Name : varchar
Email : varchar
Phone : varchar
Librarian
LibrarianID : int
Name : varchar
Email : varchar
Book
BookID : int
Title : varchar
Author : varchar
Publisher : varchar
ISBN : varchar
CopiesAvailable : int
makes
processes
involves
belongs to
Transaction
TransactionID : int
IssueDate : date
ReturnDate : date
Status : varchar
Category
CategoryID : int
CategoryName : varchar

E-R Diagram for Library Management System



Use Case Diagram



library management system

Sequence Activity Diagram