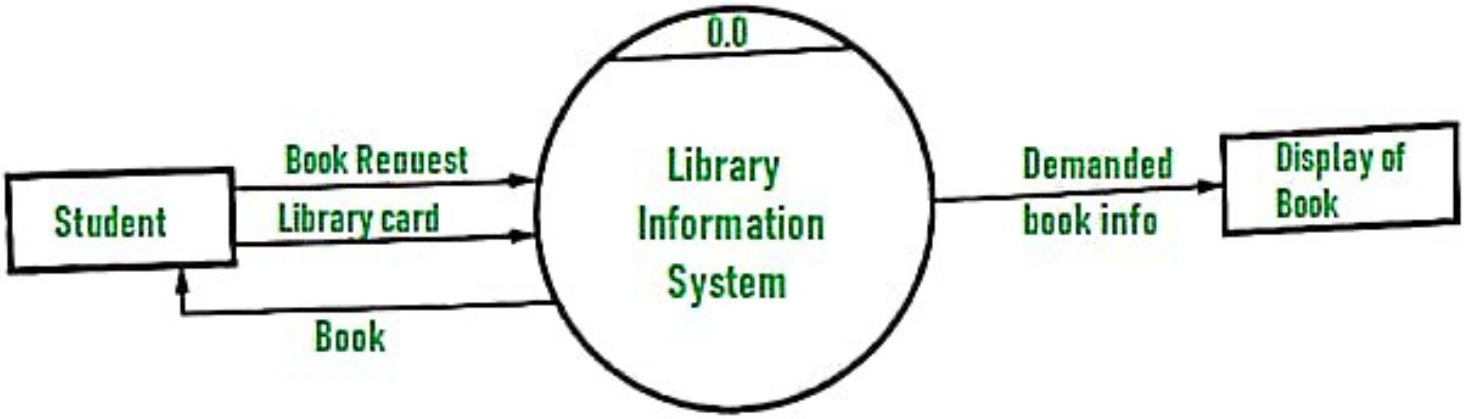
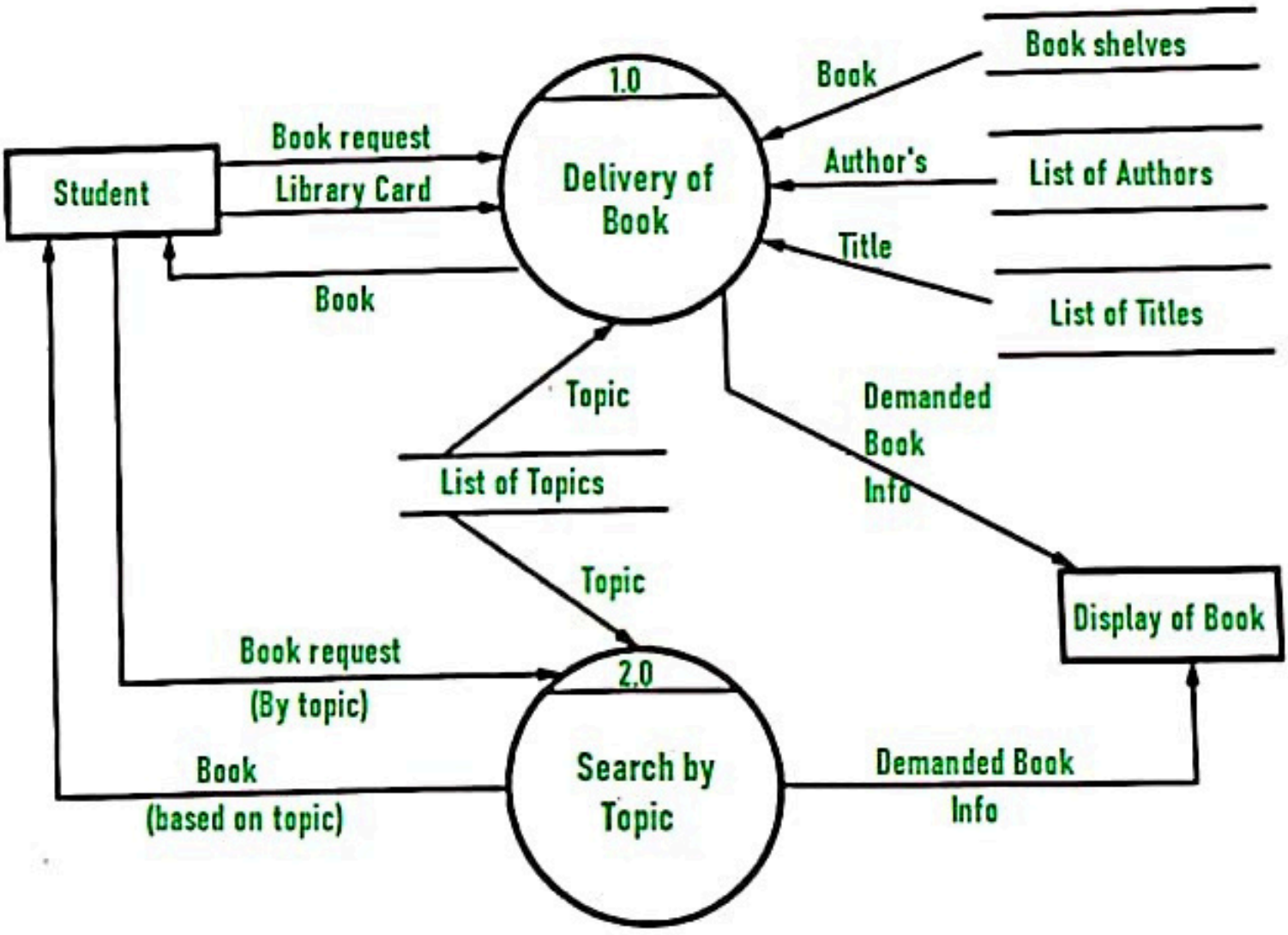
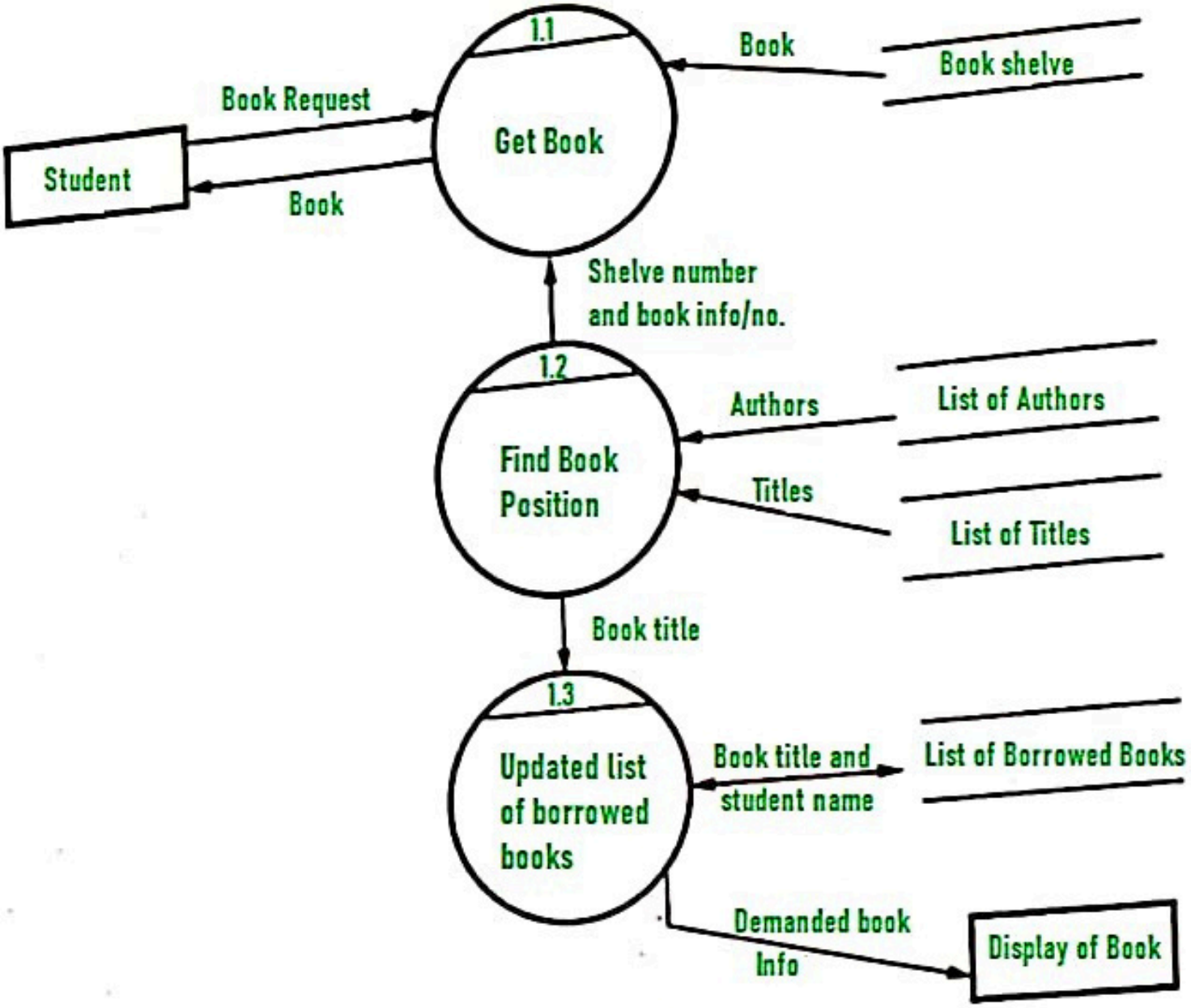
DFD 0 LEVEL DIAGRAM



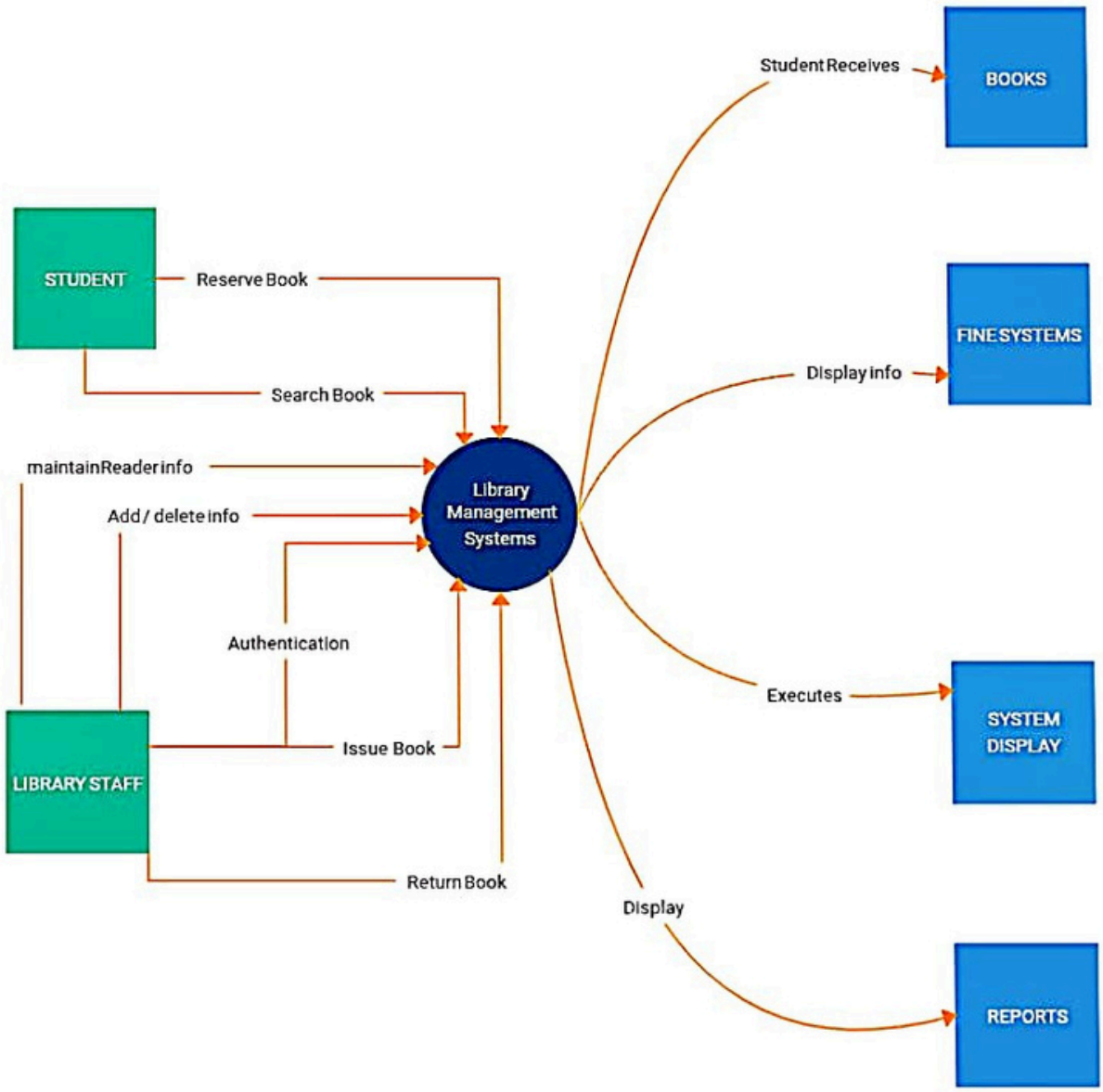

Book shelves
1.0
Book
Book request
Student
Library Card
Delivery of Book
Author's
List of Authors
Title
Book
List of Titles
Topic
Demanded Book Info
List of Topics
Topic
Display of Book
Book request
(By topic)
2.0
Book
(based on topic)
Search by Topic
Demanded Book Info

Level 1 DFD

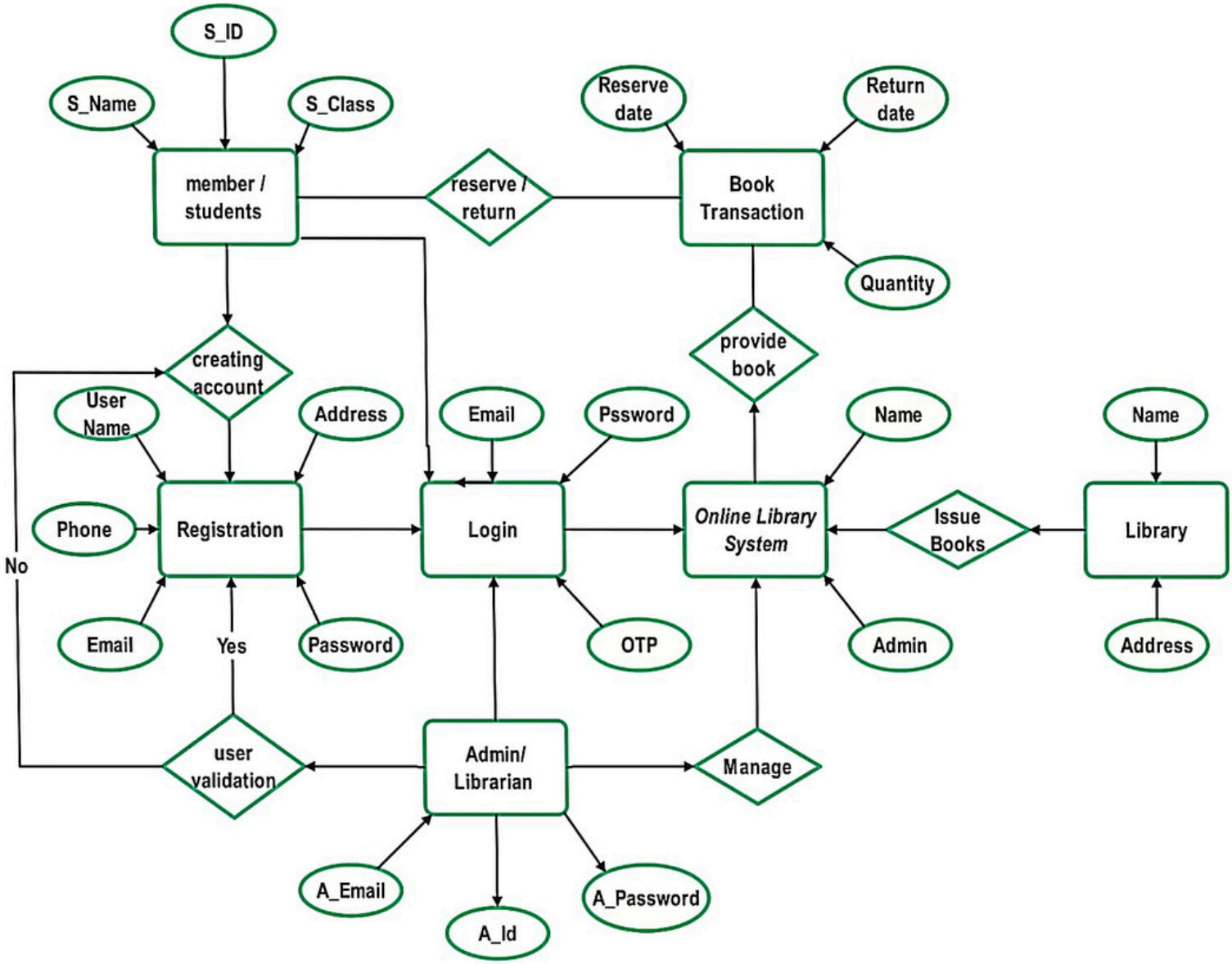

1.1
Get Book
Book
Book shelve
Book Request
Student
Book
Shelve number
and book info/no.
1.2
Find Book
Position
Authors
List of Authors
Titles
List of Titles
Book title
1.3
Updated list
of borrowed
books
Book title and
student name
List of Borrowed Books
Demanded book
Info
Display of Book

Level 2 DFD

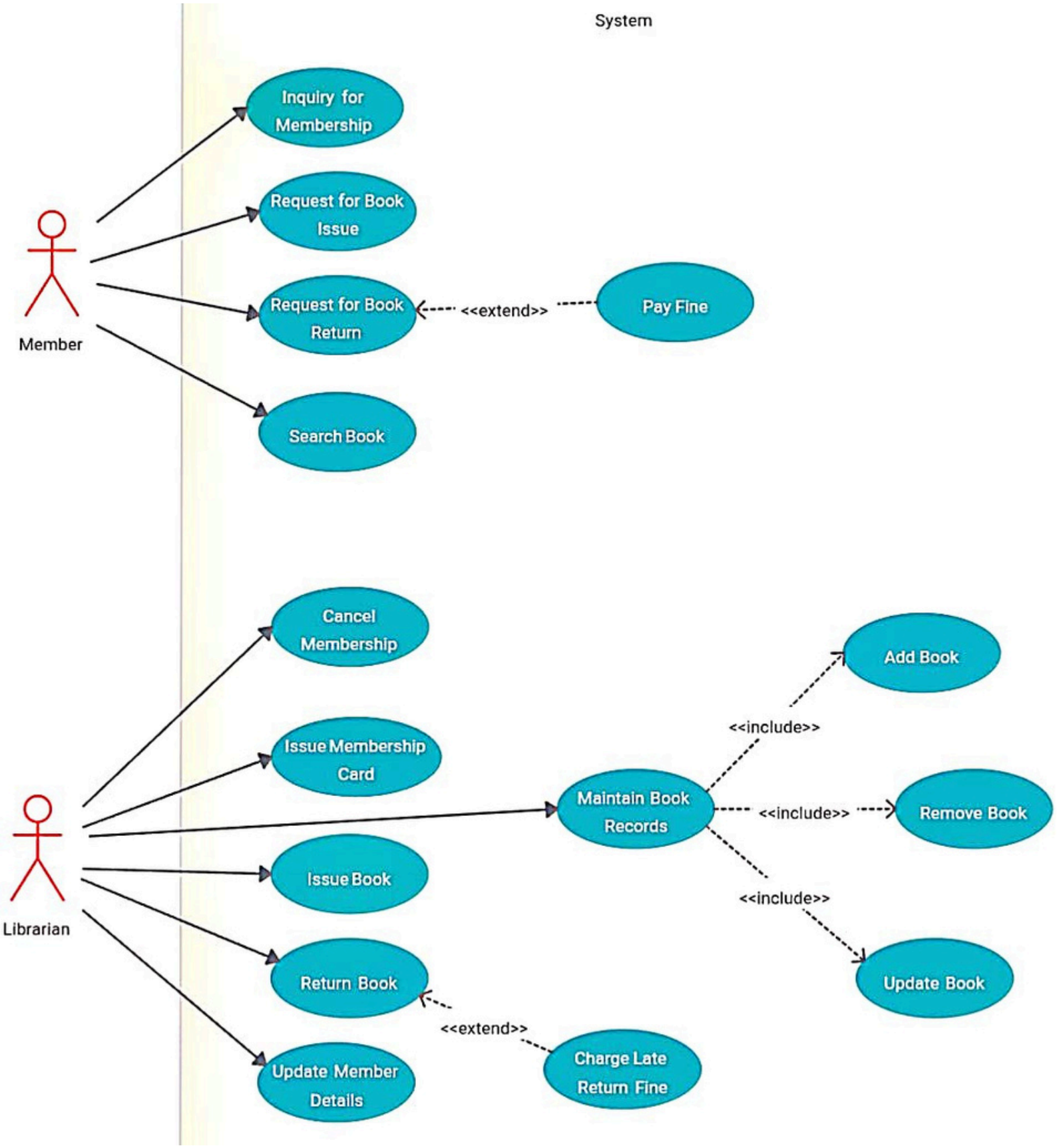
DFD 2 LEVEL DIAGRAM

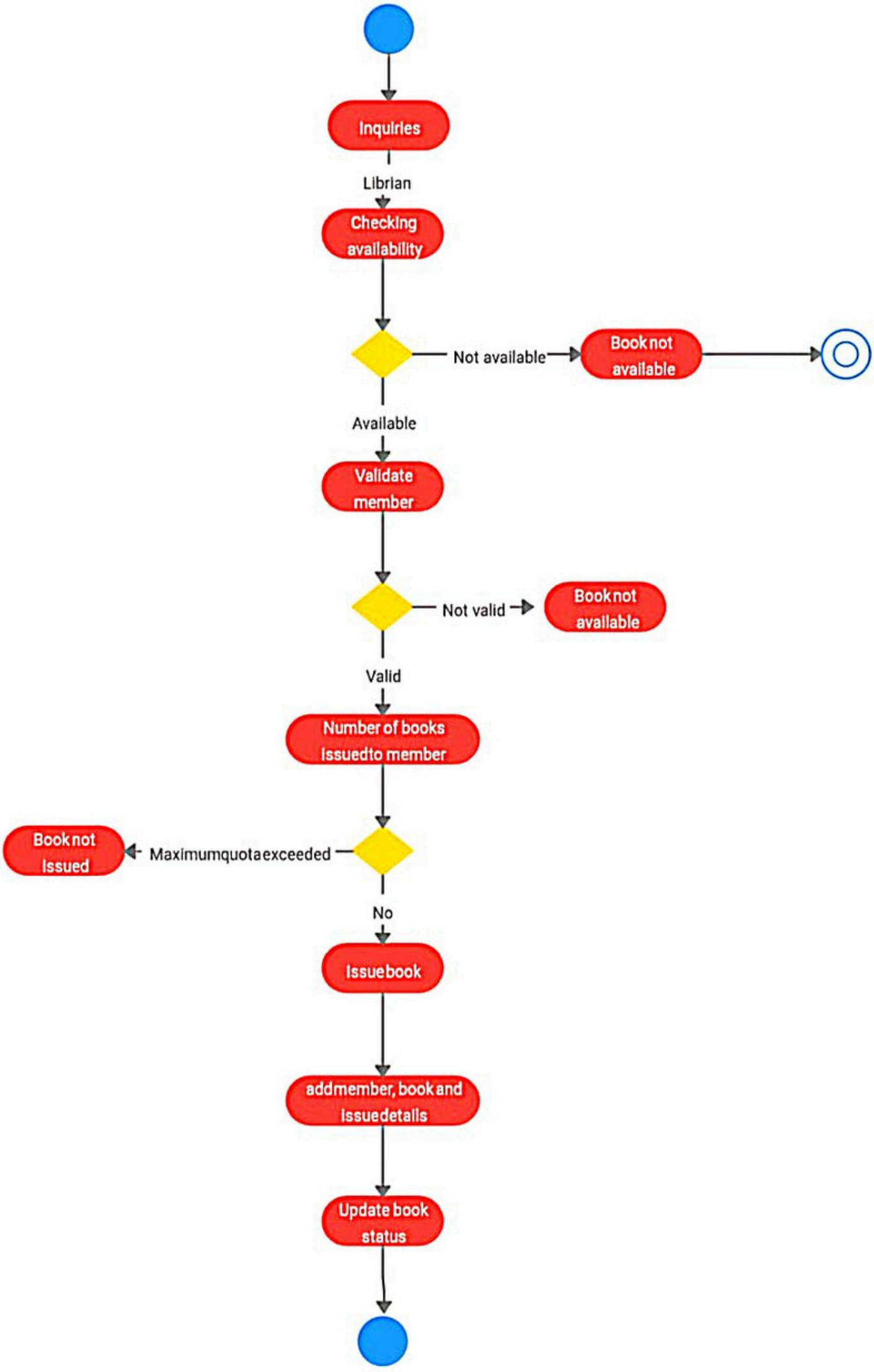


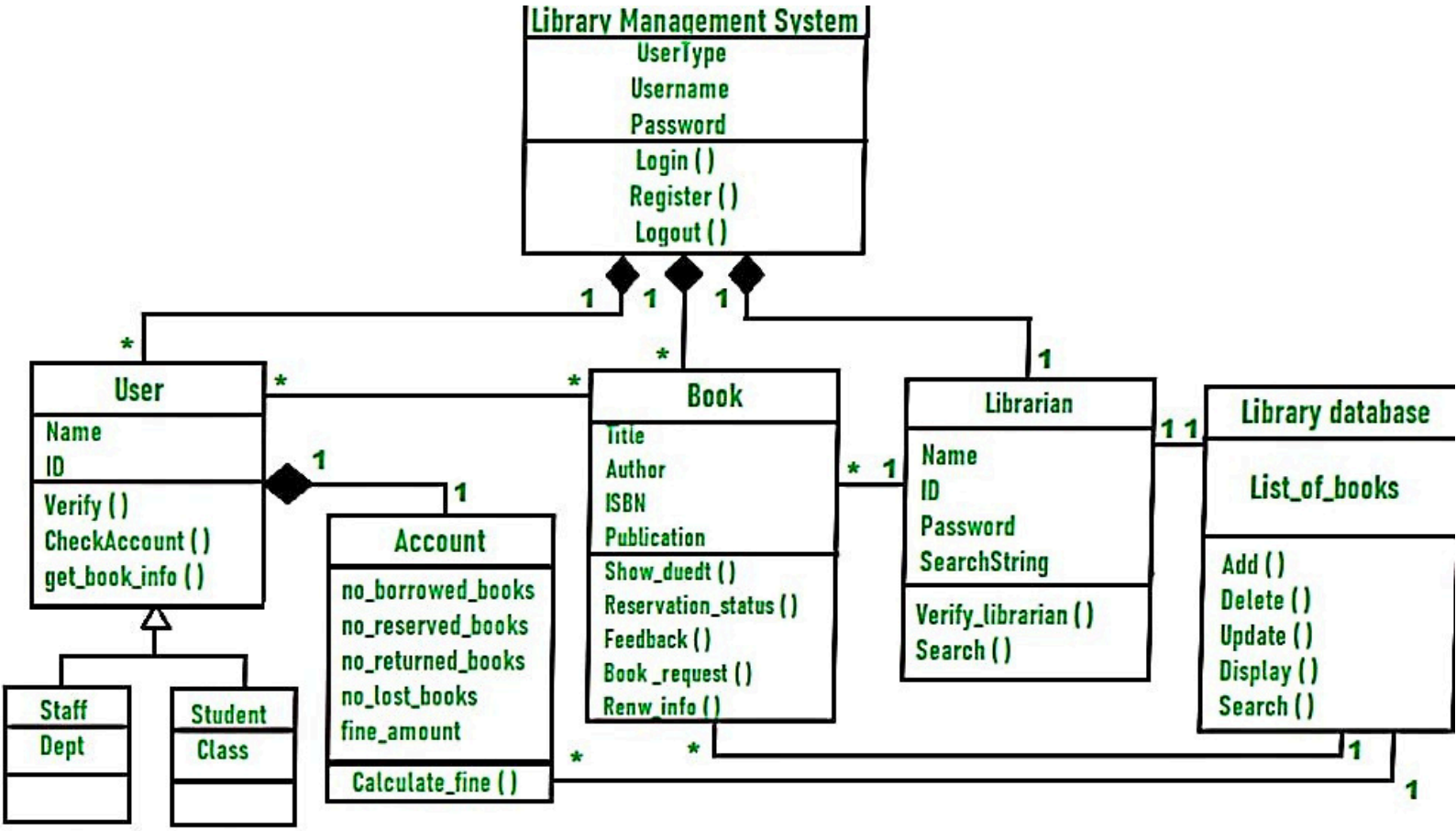
ER DIAGRAM

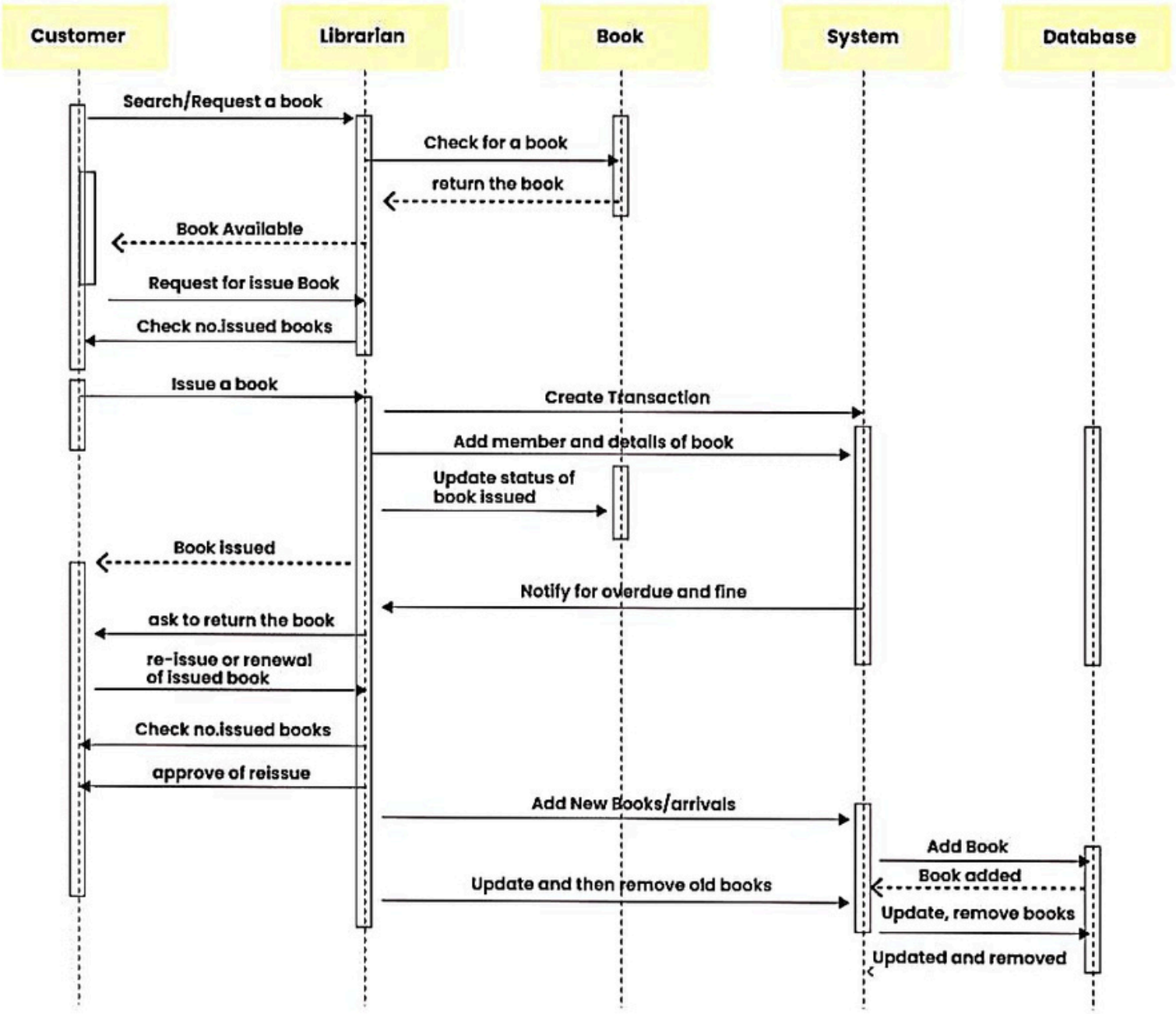

S_ID
S_Name
S_Class
member / students
reserve / return
Reserve date
Return date
Book Transaction
Quantity
provide book
creating account
User Name
Address
Email
Pssword
Name
Name
Phone
Registration
Login
Online Library System
Issue Books
Library
No
Email
Yes
Password
OTP
Admin
Address
user validation
Admin/ Librarian
Manage
A_Email
A_Id
A_Password

use case diagram




Inquiries
Librian
Checking availability
Not available
Book not available
Available
Validate member
Not valid
Book not available
Valid
Number of books issuedto member
Book not Issued
Maximumquotaexceeded
No
Issuebook
addmember, book and issuedetails
Update book status



CLASS DIAGRAM FOR LIBRARY MANAGEMENT SYSTEM

Sequence Diagram for Library Management System Design