

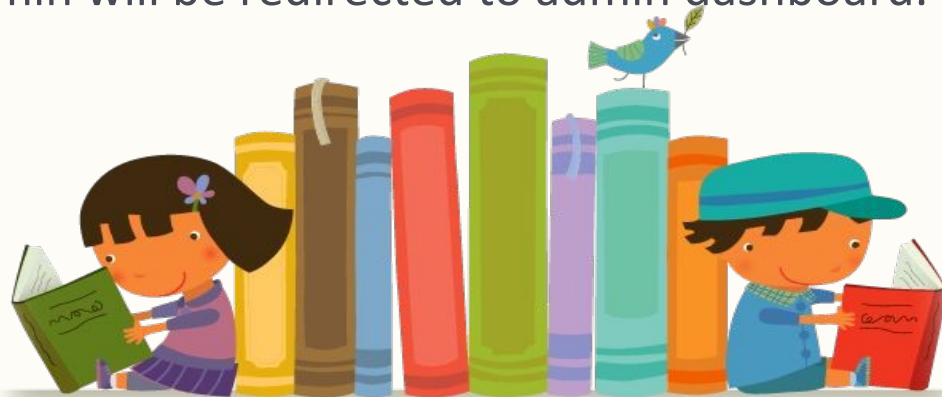
LIBRARY MANAGEMENT SYSTEM (LMS)

OVERVIEW

1. To build a library management which contains two login :- Admin(librarian) and Student.
2. There will be various features like
 - Searching of books
 - Issuing and returning books
 - Showing Due Amount
 - Admin can see members and delete members
 - Admin can send message to a particular student

Module 1 - Student Login / Admin Login


- Authentication of the user will be there.
- Roll Number and password will be matched from database. Once both username and password matches, then only a user is allowed to enter into the system.
- Student will be redirected to student dashboard and Admin will be redirected to admin dashboard.




Module 2 - SignUp For New Users

- For new users there will be sign up option
- They have to fill details like name, email, number, password roll number and then it will be updated in our database.
- After this , the user will be redirected to the same page for Sign In.

Module 3 - Student Panel

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- After successful login into system, user can see their details
 - Various details which will be shown are:-
 - Messages
 - All Books
 - Previously Borrowed Books
 - Can recommend books to Admin
 - Currently issued books

Module 4 - Admin Panel

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- After successful login admin can keep track of the books issued
 - It can also track various other details such as
 - Fine of all students.
 - Which book is issued by the student
 - The number of copies of book which can help the librarian to know which book to order.

Module 5 – Book Search

- Books present in the library can be searched
- The books can be searched on various parameters such as
 - Name of the book.
 - ID of Book
- User can see details of the book or may request to issue.

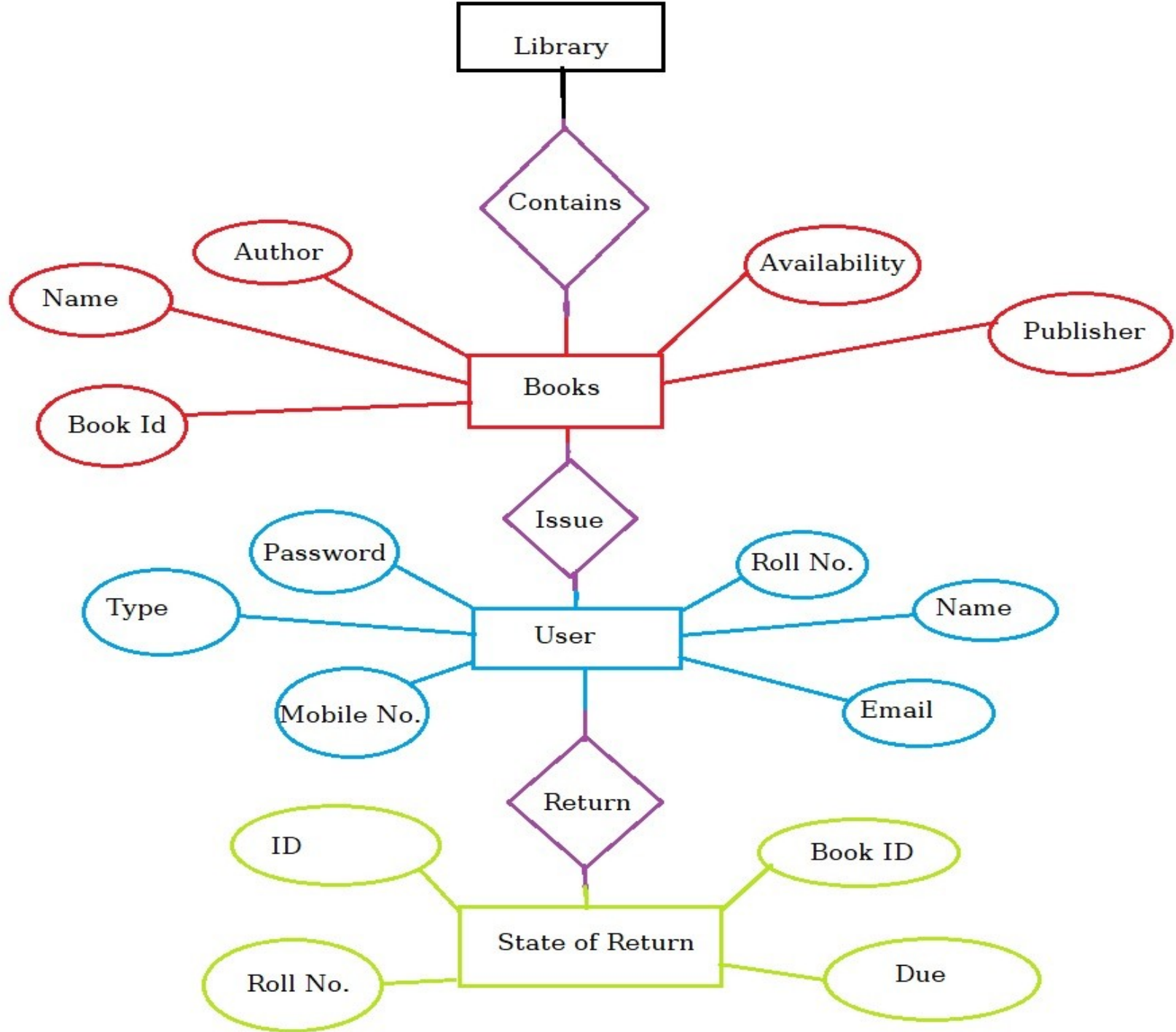
Module 6 - Book Recommendation

- In this , user will be allowed to recommend any book he/she require .
- This information will go into the admin login where he can inform the higher authorities for supply of the books.

ER DIAGRAM



- It is clear that the physical objects from the previous section – the member, books, library – correspond to entities in the Entity-Relationship model, and the operations to be done on those entities – holds, checkouts, and so on – correspond to relationships. However, a good design will minimize redundancy and attempt to store all the required information in as small a space as possible.



**THANK
YOU!!**

