

LIBRARY MANAGEMENT SYSTEM

1. Account Registration → user has to create an account
2. Login (login-id and login-pwd)
3. Select category of the book he/she wants
4. User has to select one book from the respective stack of books in that category
5. Based on the book title, the author he/she can select a book they can select based on publisher details too if it is needed.
6. After that he/she can go for no.of copies they want
7. Then it generates a report with user-id,book-id and in that we have to specify issued-date and due-dates for the book.
8. Based on returned date, if returned date > due-date he/she has to pay fine amount
9. After that he can go for billing and he/she has to pay (mandatory)
10. We are using totally nine entities in the diagram they are:
 - 1) User
 - 2) Book
 - 3) Login
 - 4) Category
 - 5) Publisher
 - 6) Author
 - 7) Report
 - 8) Bill
 - 9) copies
- 11) In each entity have some primary keys according to their value
- 12) publisher and author are optional entities in the er diagram

