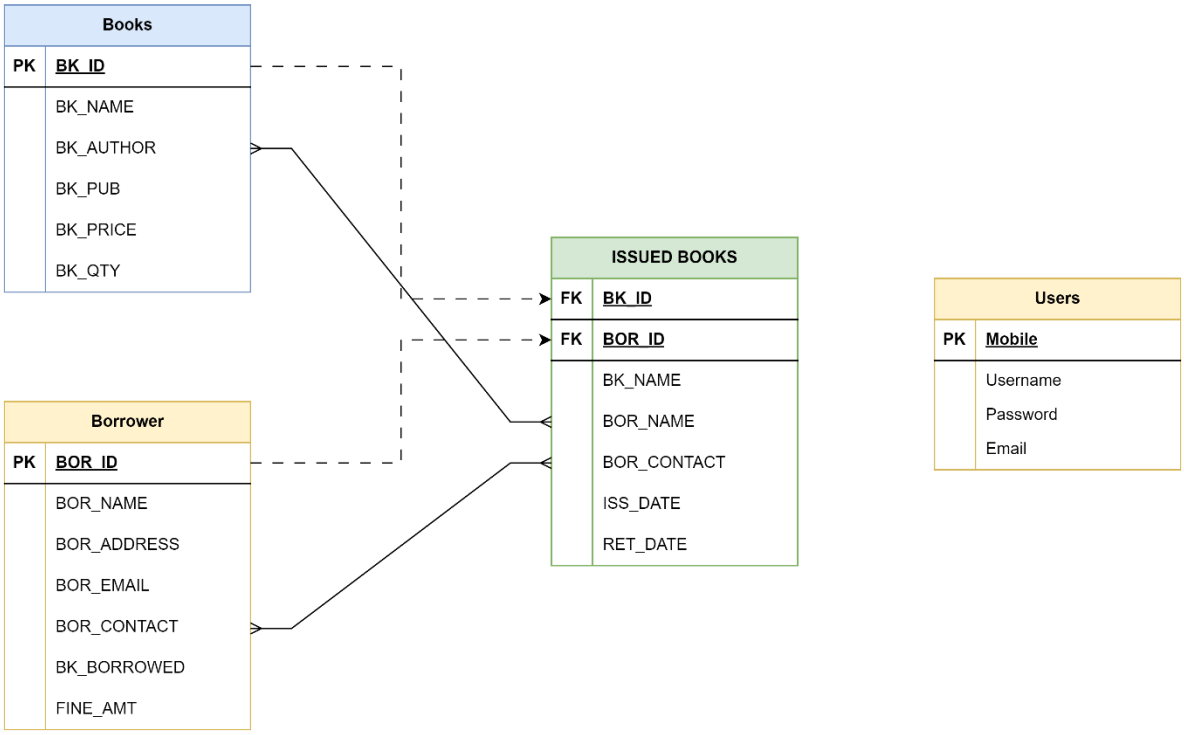
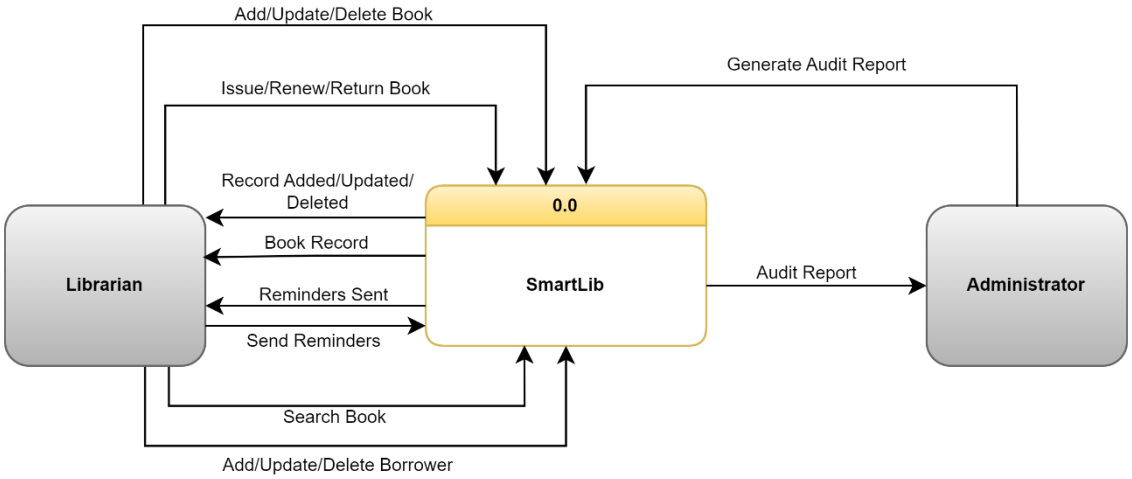
SmartLib: Book Automation

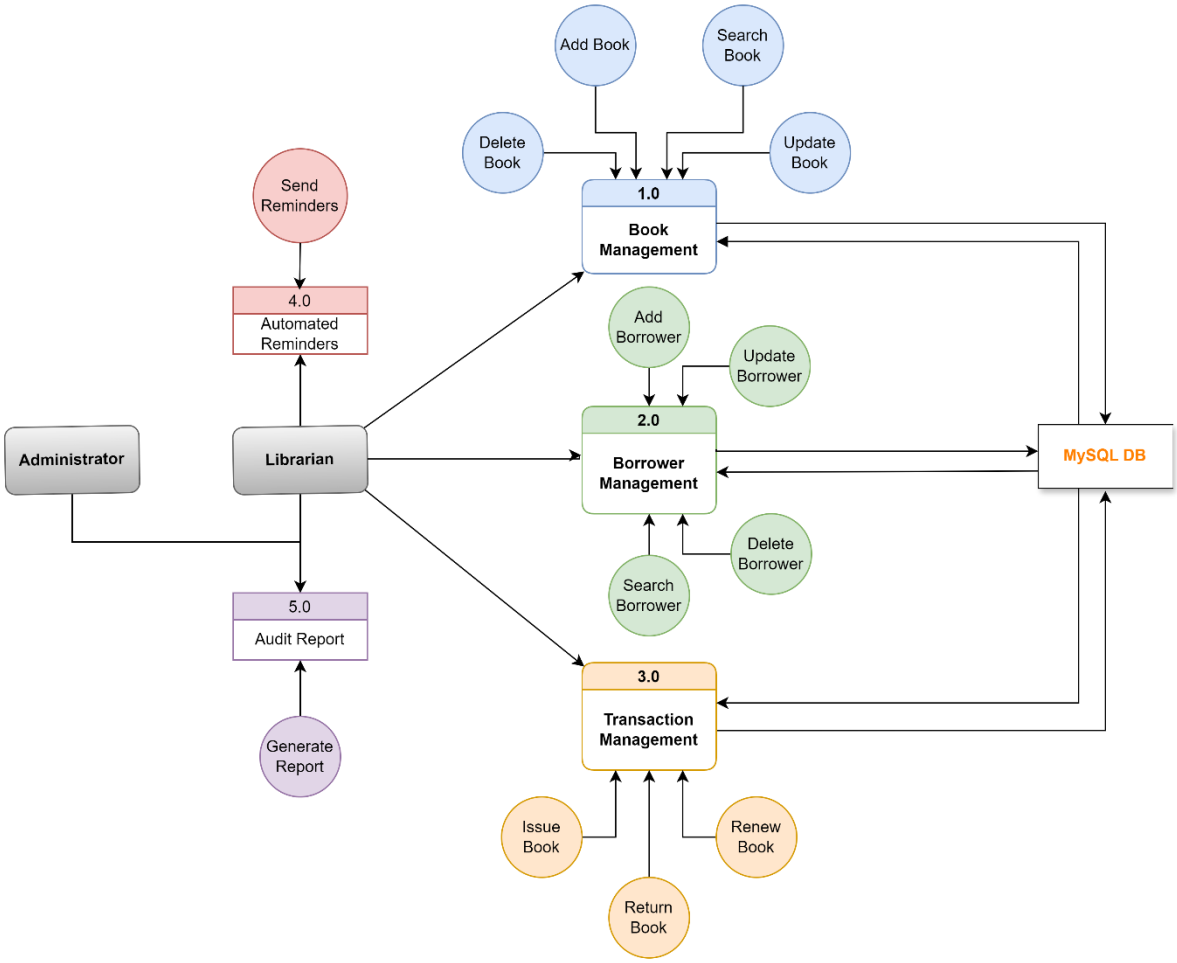
ER Diagram



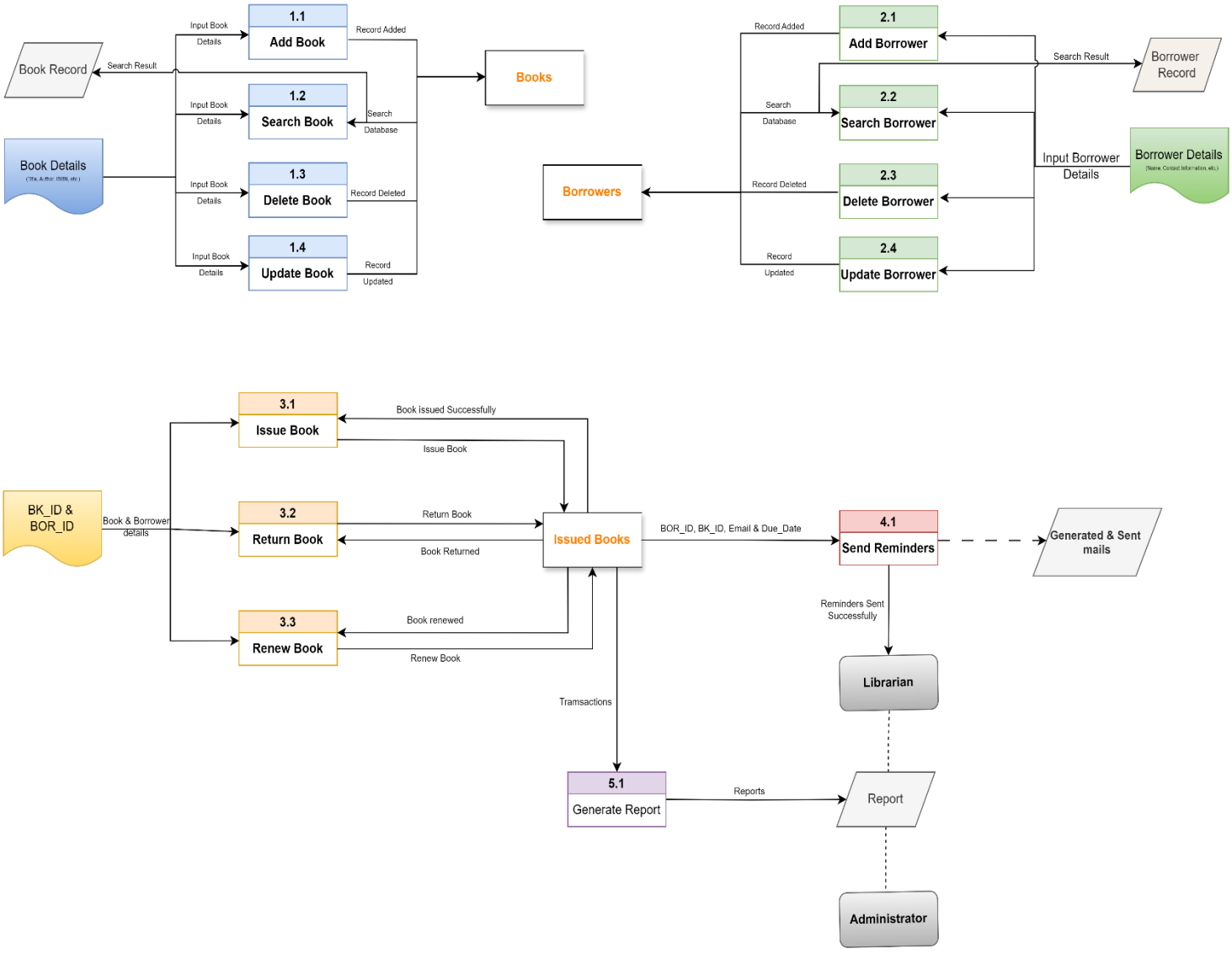
DFD Level 0



DFD Level 1



DFD Level 2


1.1
Add Book
1.2
Search Book
1.3
Delete Book
1.4
Update Book
Input Book Details
Record Added
Search Database
Record Deleted
Record Updated
Search Result
Book Record
Book Details
Books
2.1
Add Borrower
2.2
Search Borrower
2.3
Delete Borrower
2.4
Update Borrower
Borrowers
Borrower Record
Borrower Details
Input Borrower Details
3.1
Issue Book
3.2
Return Book
3.3
Renew Book
Book issued Successfully
Issue Book
Return Book
Book Returned
Book renewed
Renew Book
BK_ID & BOR_ID
Book & Borrower details
Issued Books
BOR_ID, BK_ID, Email & Due_Date
4.1
Send Reminders
Generated & Sent mails
Reminders Sent Successfully
Librarian
Tramsactions
5.1
Generate Report
Reports
Report
Administrator