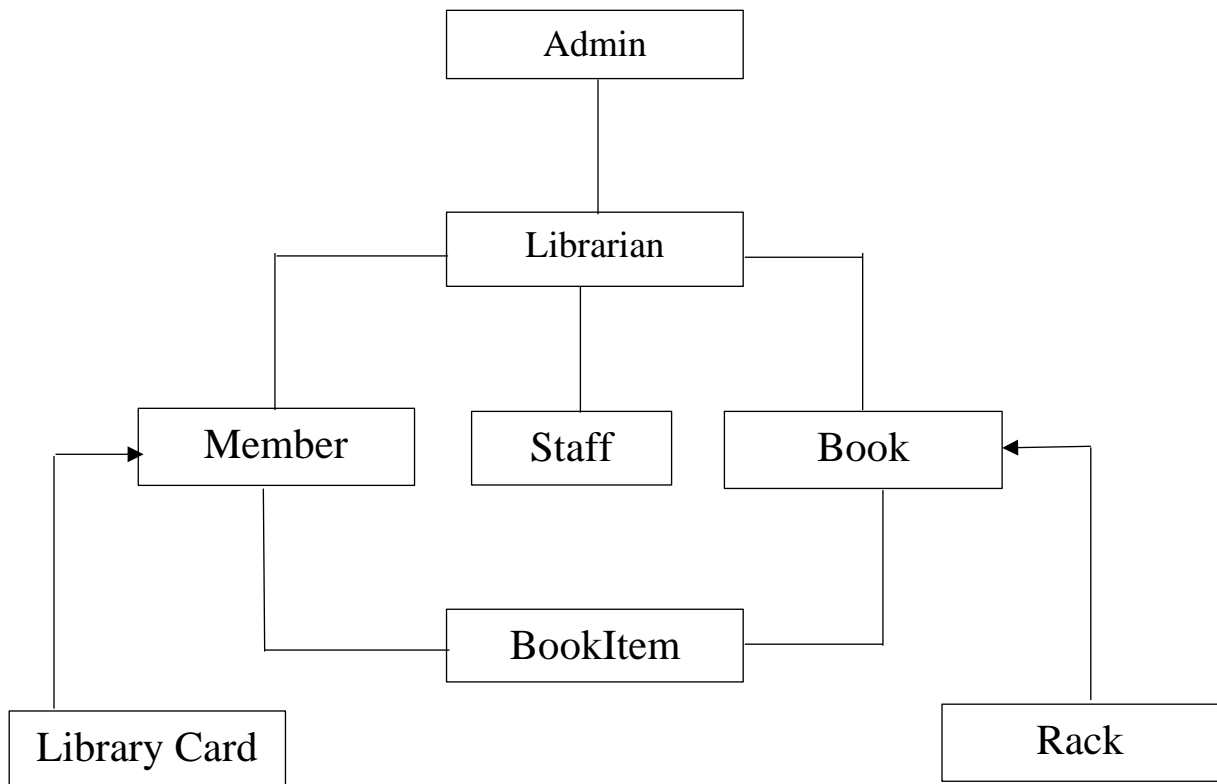


Group 4

Name	ID
SHAHRIAR,MD.TANVIR	18-38787-3
MUSTAVI,MUFRAD	18-38776-3
HAQUE, MOHAMMED AFRIDUL	18-38794-3

Library Management System



Admin
int adid String adname String ademail Librarian librarian [] Admin () Admin (int adid, String ademail, String adname) Void setAdid (int aid) Void set Adname (String adname) Void setAdemail (String ademail) Int getAdid () String getAdname () String getAdemail () Void addLibrarian(Librarian l) Void removeLibrarian (Librarian l) Void ShowLibrarianlist()

Librarian
int lid String lname String lemail Book book [] Member member [] Staff staff [] Librarian() Librarian (int lid, String lname, String lemail) Void setLid (int lid) Void set Lname (String lname) Void setLemail (String lemail) Int getLid () String getLname () String getLemail () Void addBookItem(Book b) Void deleteBookItem(Book b) Void addMember(Member m) Void deleteMember(Member m) Void addStuff(Stuff s) Void deleteStuff (Stuff s) Void ShowAllMember() Void ShowAllStaff() Void ShowAllBook()

Member
int mid
String mname
String memail
BookItem bookitem[]
Member ()
Member (int mid, String mname, String memail)
Void setMid (int mid)
Void set Mname (String mname)
Void setMemail (String memail)
Int getMid ()
String getMname ()
String getMemail ()
Void addBorrowBookDate(BookItem bi)
Void returnBorrowBookDate(BookItem bi)
Void ShowBorrowBookList()

Book
String btitle
String bsubject
String bpublisher
String bisbn
BookItem bookitem[]
Book ()
Book (String btitle, String bsubject, String bpublisher ,String bisbn)
Void setBtitle (String btitle)
Void setBsubject (String bsubject)
Void Bpublisher (String bpublisher)
Void setBisbn (String bisbn)
String getBtitle ()
String getBsubject ()
String getBpublisher ()
String getBisbn ()

BookItem
String borrowbookdate
String returnbookdate
String borrowmemberId
String bisbn
String btitle
BookItem ()
BookItem (String bookborrowdate, String returnbookdate, String borrowmemberId, String bisbn, String btitle)
Void setBorrowBookDate (String borrowbookdate)
Void setReturnBookDate (String returnbookdate)
Void setBorrowmemberID(String borrowmemberId)
Void setBisbn (String bisbn)
Void setBtitle (String btitle)
String getBorrowBookDate ()
String getReturnBookDate ()
String getBorrowmemberID ()
String getBisbn ()
String getBtitle ()

LibraryCard
int mid
String mname
String memail
String cardNumber
String issueDate
LibraryCard ()
LibraryCard (int mid, String mname, String memail, String cardNumber, String issueDate)
Void setMid (int mid)
Void set Mname (String mname)
Void setMemail (String memail)
Void setCardNumber (String cardNumber)
Void setIssueDate (String issueDate)
Int getMid ()
String getMname ()
String getMemail ()
String getCardNumber ()
String getIssueDate ()

Rack
String btitle
String bsubject
String bpublisher
String bisbn
Int rackNumber
String rackLocation
Rack ()
Rack (String btitle, String bsubject, String bpublisher ,String bisbn, Int rackNumber, String rackLocation)
Void setBtitle (String btitle)
Void setBsubject (String bsubject)
Void Bpublisher (String bpublisher)
Void setBisbn (String bisbn)
Void setRackNumber (Int rackNumber)
Void setRackLocation (String rackLocation)
String getBtitle ()
String getBsubject ()
String getBpublisher ()
String getBisbn ()
Int getRackNumber ()
String getRackLocation ()

Staff
int sid
String sname
String semail
Staff ()
Staff (int sid, String sname, String semail)
Void setSid (int sid)
Void set Sname (String Sname)
Void setSemail (String semail)
Int getSid ()
String getSname ()
String getSemail ()