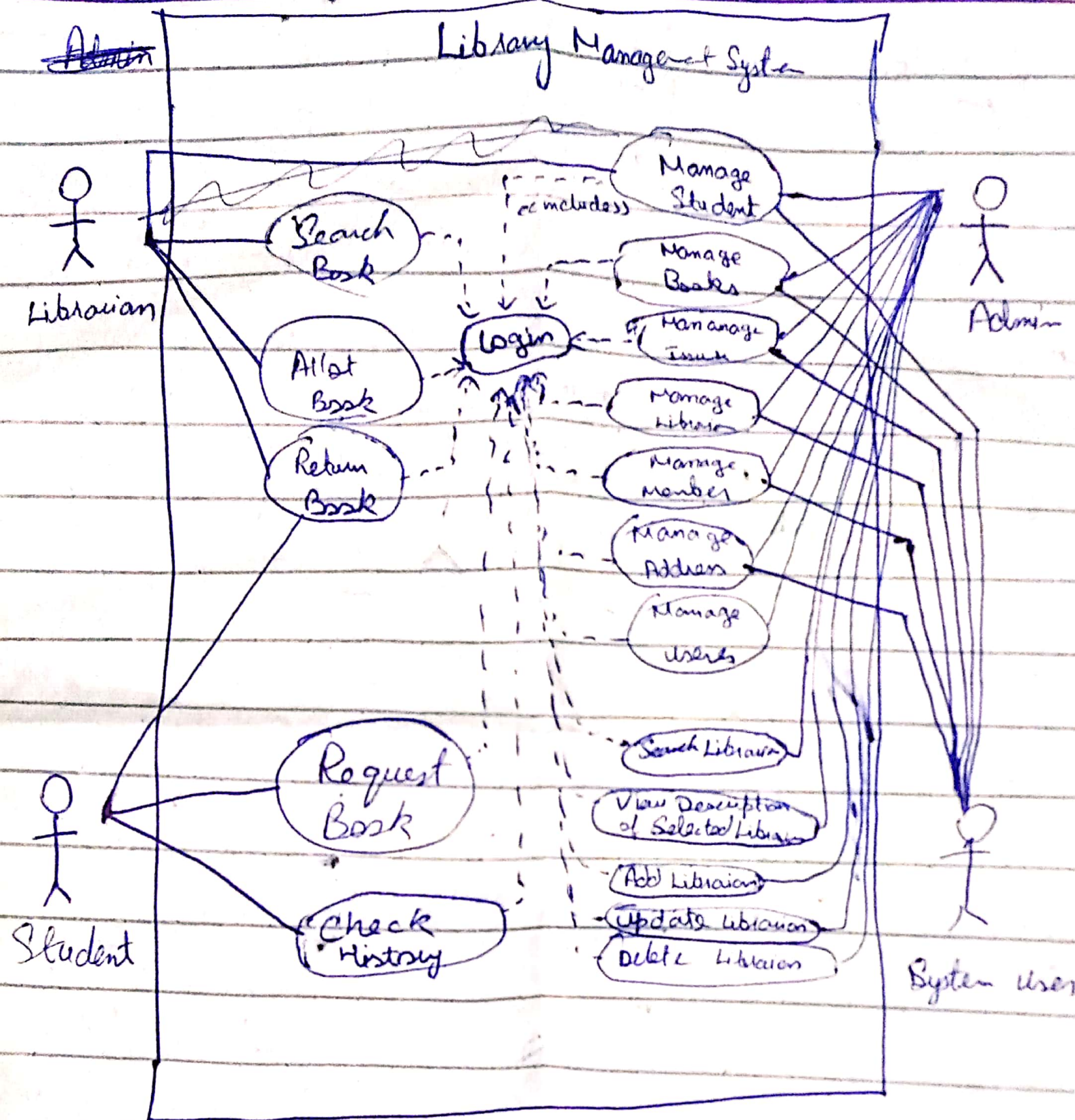


SE

Name = M. Salman

Reg# = 2021-SE-04



Student

~~id~~ id : int
 college_id : int
 Name : String
 Mobile : double
 Email : String
 Username : String
 Password : String
 Address : Address

+ add Student() : void
 + edit Student() : void
 + delete Student() : void
 + update Student() : void
 + save Student() : void
 + search Student() : void

Book

~~id~~ book_id : int
 Student_id : int
 Name : String
 Author : String
 Publication date : date
 book_type : String
 book_price : double
 book_description : String

+ add Books() : void
 + edit Books() : void
 + delete Books() : void
 + update Books() : void
 + save Books() : void
 + search Books() : void

Issues

issue_id : id
 issue_book_id : id
 issue_student_id : id
 issue_date : date
 issue_renewal : int
 issue_expiry : date
 issue_description : String

add issues() : void
 edit issues() : void
 delete issues() : void
 update issues() : void
 save issues() : void
 search issues() : void

Librarian

Librarian_id : id
 Librarian_name : name
 Librarian_mobile : String
 Librarian_username : String
 Librarian_password : String
 Librarian_address : Address
 Librarian_email : Email

+ add Librarian() : void
 + edit Librarian() : void
 + delete Librarian() : void
 + update Librarian() : void
 + save Librarian() : void
 + search Librarian() : void

Member

Member_id : int
 Member_name : String
 Member_mobile : String
 Member_email : Email
 Member_username : String
 Member_password : String
 Member_address : Address

+ add Member() : void
 + edit Member() : void
 + delete Member() : void
 + update Member() : void
 + save Member() : void
 + search Member() : void

Address

address_id : int
 address_Student_id : int
 address_palace : String
 address_type : String
 address_description : String

+ add Addresses() : void
 + edit Addresses() : void
 + delete Address() : void
 + update Address() : void
 + save Address() : void
 + search Address() : void