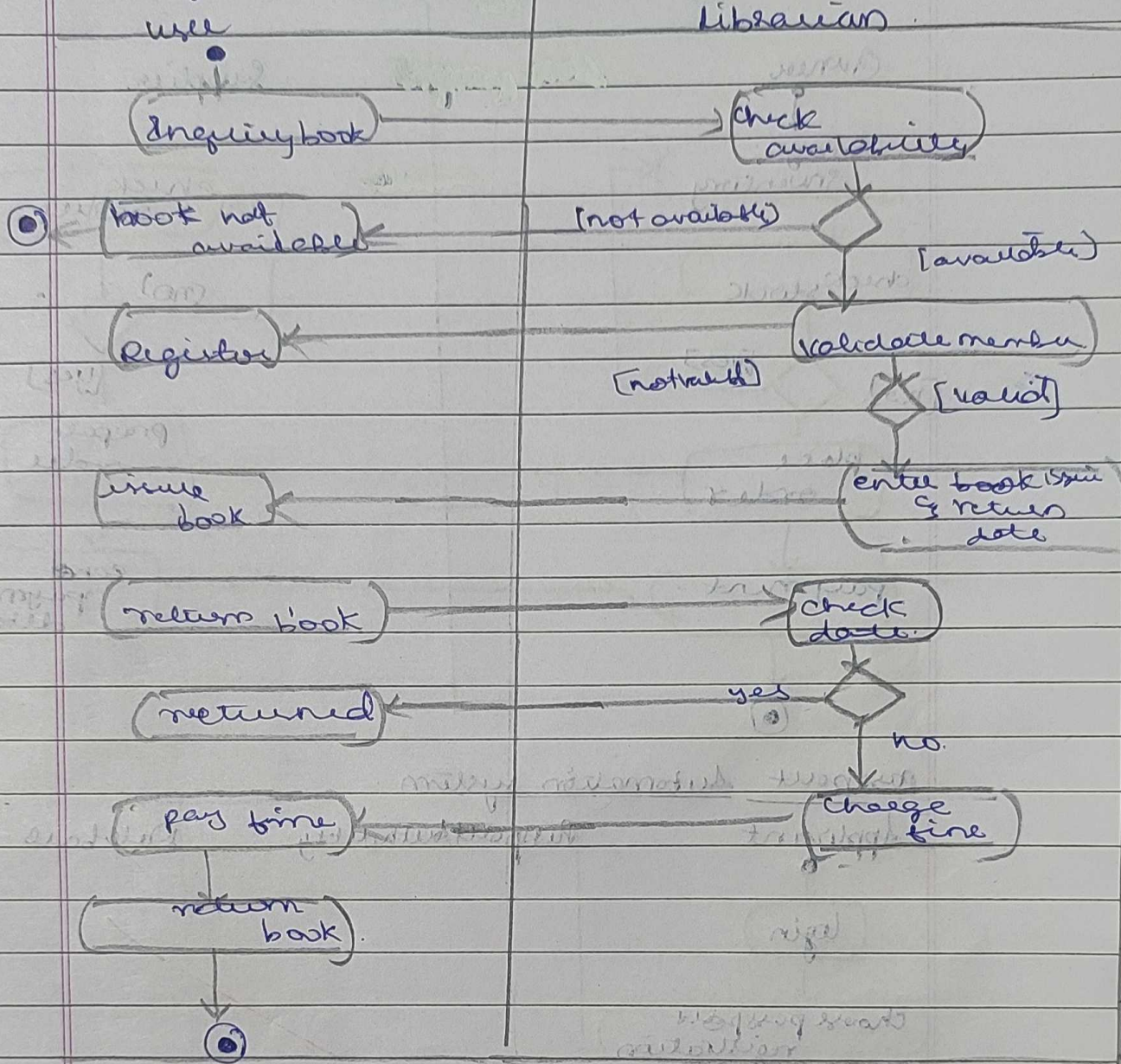


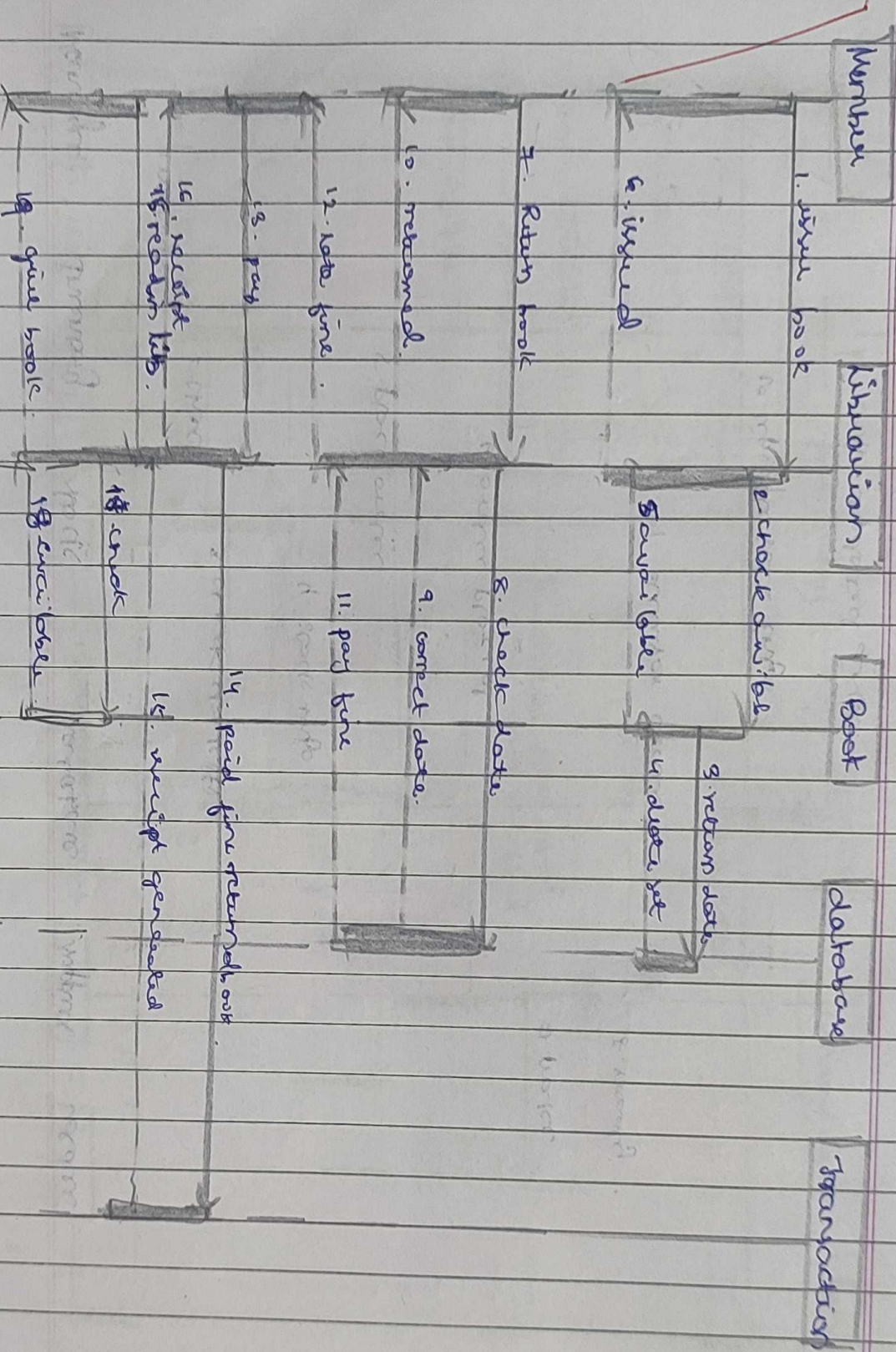
Library Management system



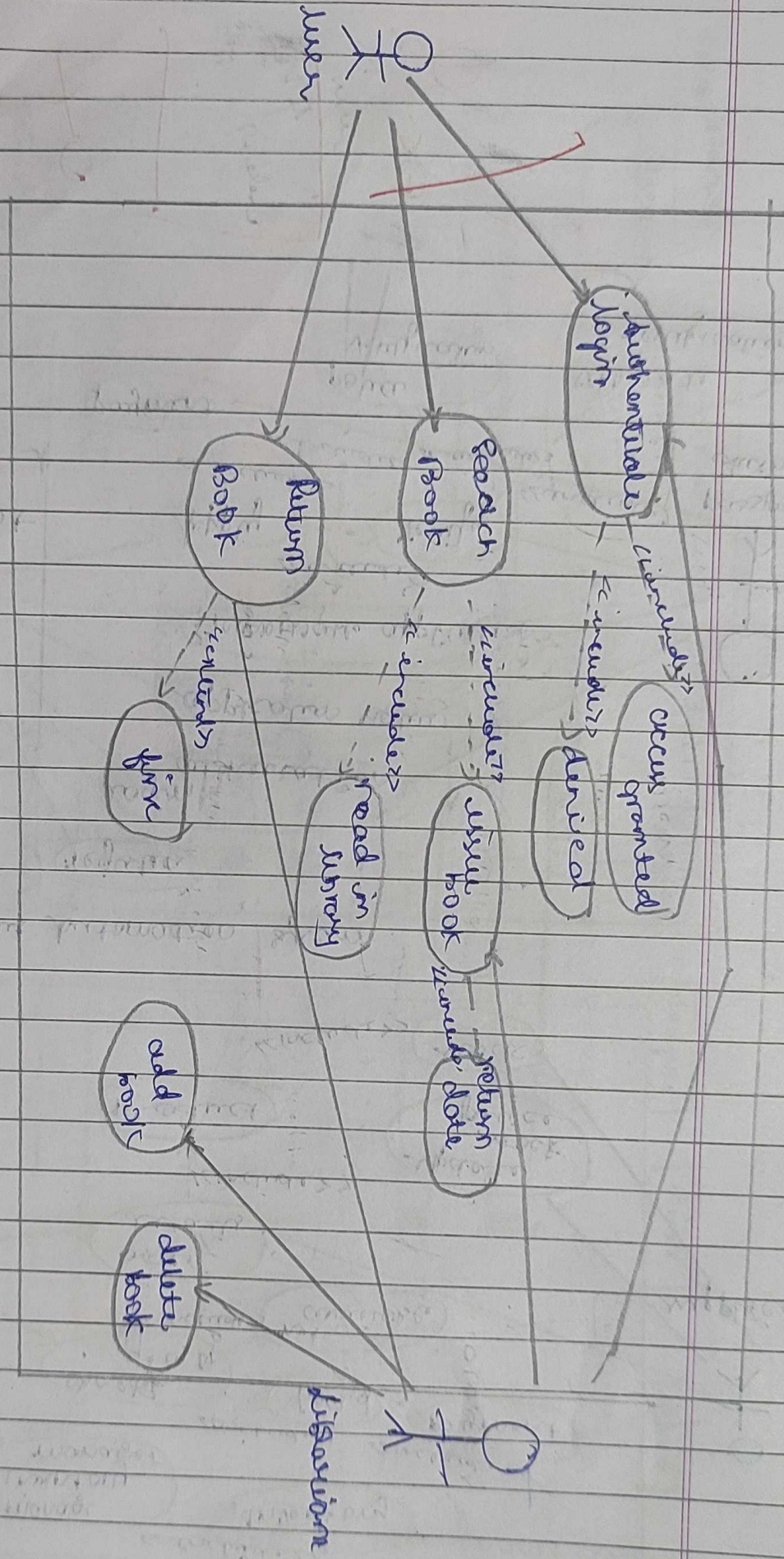
Handwritten notes and a red arrow pointing towards the bottom left of the page.

Handwritten signature and date: 14/2/20

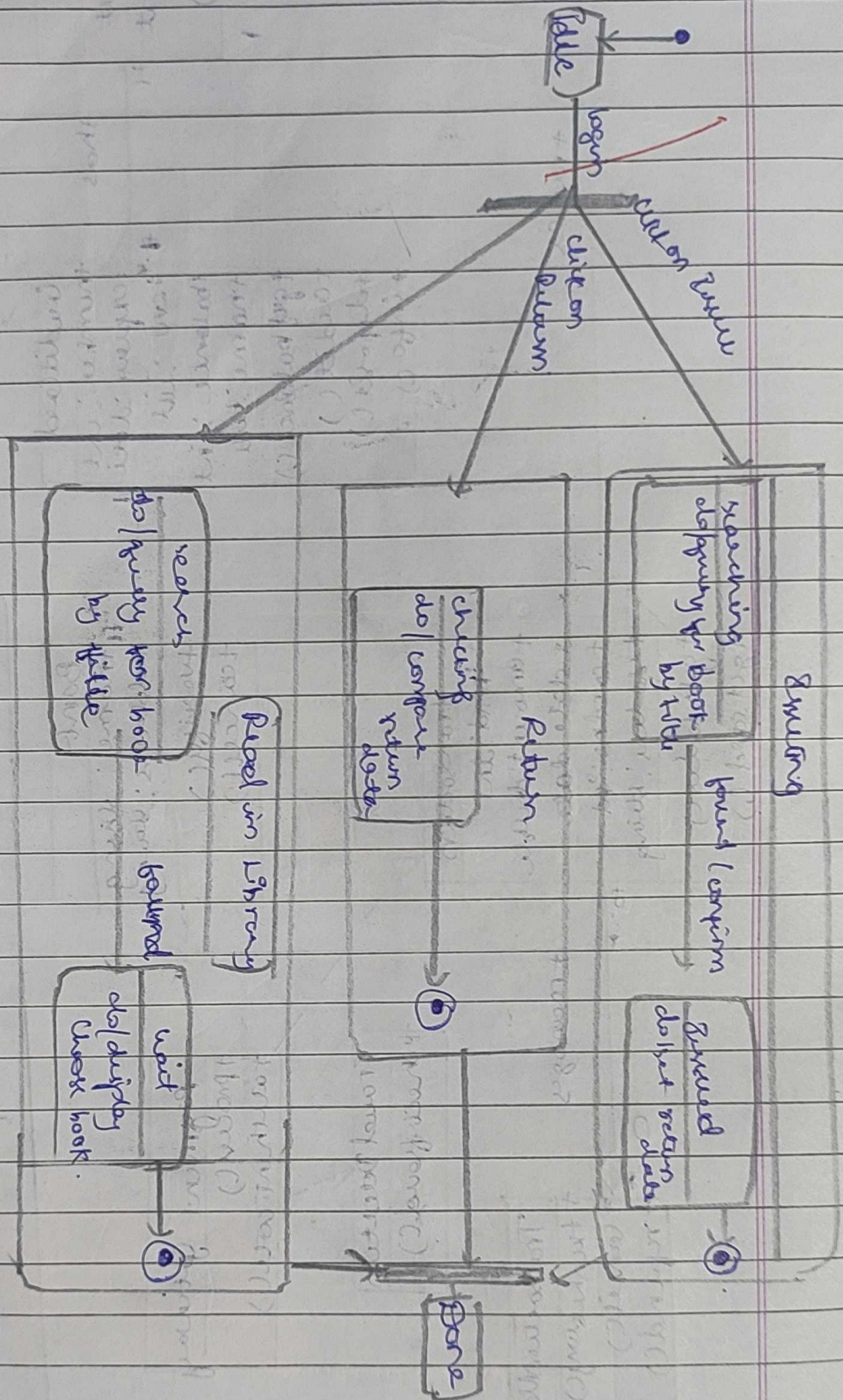
Library Management System



Library Management system



Library Management system .



Library Management System

+ user_type : string
 + username : string
 + password : string
 + login() : boolean
 + logout() : boolean

User

+ name : string
 + id : string
 + verify() : boolean
 + check account() : boolean
 + get-book info() : boolean

+ creates : boolean

Staff

+ dept : string

Student

+ class : string

Account

+ no-borrowed-books : string
 + no-reserved-books : string
 + no-returned-books : string
 + no-lost-book : string
 + fine-amount : string
 + calculate-fine() : string

Book

+ title : string
 + author : string
 + isbn : string
 + publication : string
 + should read() : boolean
 + reservation status() : boolean
 + book request() : boolean
 + remove book() : boolean

Librarian

+ name : string
 + id : string
 + password : string
 + verify-librarian() : boolean
 + search() : boolean

Handles

Library database

+ list-of-books : string
 + add() : boolean
 + delete() : boolean
 + update() : boolean
 + display() : boolean
 + search() : boolean

Library Management System