Library Manager

Ver -1.0

* Login Page:

1. LogIn – Moderate / Full Access - View Books and Rent books and Go for Queue
2. Signup
3. Guest – Limited Access (View only Books)
4. Exit from the Application.
   * LogIn: Move to Main Menu
5. UserName & Password Validation
   * Signup: New Data Insertion to User Class 🡪Return to Login Page
     + Name
     + Phone Number
     + UserName
     + Password
   * Guest: View Book 🡪 Move to Main Menu

* Main Page:
  + View Books
  + Add Books (Admin Only) 🡪 Book Class()
  + Take Books 🡪 Book Class() , User Class()
  + Extent the Period 🡪 Extend if there is no queue
  + View Queue
  + Search🡪 Search Books by Name / Search Books by Author
  + Sort🡪 Sort By Available
  + Delete User (Admin Only)
* View Book :
  + Book Class() : Admin Can only view who is possessing.
  + Take Book
  + Join Queue
* User Class:
  + User Details :
    - Name
    - Phone Number
    - UserName
    - Password
    - Logged In : LoggedInStatus()
    - Enumeration 🡪 : Admin/Default/Guest
  + Type of User : Admin, Default & Guest
    - Admin : Access-
      * + View Books
        + Add Stock
        + My Cart
        + Extent the Period
        + View Queue
        + Search Books by Name
        + Search Books by Author
        + Sort
        + Delete User
* local: Access –
  + - * + View Books 🡪Show queue also
        + My Cart
        + Extent the Period
        + Search Books by Name
        + Search Books by Author
        + Sort
* Guest: Access –
  + - * + View Books 🡪Show queue also
        + Search Books by Name
        + Search Books by Author
        + Sort
* Book Class :
  1. Book Name
  2. Author Name
  3. About
  4. Quantity
  5. Status : BookStatus()
  6. In Hand of Which User
  7. Enumeration 🡪 BookStatus : Available/NotAvailable/Queue