Library Management System

A Library Management System is a Full Stack Web Application built to handle the primary housekeeping functions of a library. Libraries rely on library management systems to manage asset collections as well as relationships with their members. In this software, we have 3 roles and each role have their own dashboards,

- Admin
- Librarian
- Library Member

Each users have their own functionalities.

Functional Requirements:

Admin

- Login and Logout
- Can add/view/delete librarian and library members

Librarian

- Login and Logout
- Can add/view books
- Can issue books with due date
- There should be a maximum limit (5) on how many books a member can take
- View issued books with the member details
- Send mail notification one day before due date

Library Member

- Login and Logout
- View all books in the library and able to search books by their title, author, subject category as well by the publication date
- Can take books
- View the taken books and due date

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Points to be noted

- You can use any framework in any languages.
- Designs should be responsive and aesthetically good
- Commit the code in your GitHub profile and share the link to the repo
- Please include a README file or brief note about the way you approach this question. Include the challenges and learnings of each day in the readme file.
- We welcome you to include your own additions.
- You can submit the assignment once you consider it done. Please don't wait for the last day to submit.
- Submission process – upload the working code in Github, make it public and send email to info@bayesian.in with the subject – Full Stack Dev Interview – Nov 22
- Even if you are proficient only in either frontend or backend, try to build on that side and submit the assignment.
- If any clarifications needed, feel free to contact us on the above email or in the below numbers.