National University of Computer and Emerging Sciences

Database Project Proposal

Library Management System

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1. Introduction

This website is going to be a platform for readers to interact and get their desired books. Furthermore, it would simplify the management of a library. It would give readers a chance to check the availability of books along with other features they could access in the vicinity of their homes.

2. Functionalities

The following section contains all the functionalities proposed for this project.

2.1. Catalog

This category would display the books available. The type of books available,their IDs, Authors, Number of copies available.

2.2. Log in (User/Admin)

Admin and users will be able to login with valid credentials. This account will help users keep track of their due dates, fines and much more.

2.3. Tracking

Will help us keep track of the due date of the issued books.

2.4. Rating

Top rated books & authors will be shown on the top of our list in our platform.

2.5. Recommendations/Suggestions

Will recommend the books and authors to readers according to their likes and past reads.

2.6. Author's Best Sellers

This section will provide best selling books of specific authors.

2.7. Academia / Generes

The section will provide/suggest books to students based on their current academic year. (For eg. A Level students will be suggested Alevel Books and not FSC Books).

2.8. Discussion Rooms

This shall provide rooms for Students or readers to discuss in groups or will check availability of rooms.

2.9. Location Reference

This will Provide users the location(s) where our library has most of the books user's desire. Incase of unavailability users refer to locations where available.

2.10.   Suggestion Box

There will be a suggestion box where users can suggest/post books they think should be added to our collection and why. Books frequently mentioned will be added.