**User Authentication and Authorization**

* **Add User Roles**: Differentiate between admin and regular users. Admins can manage books and members, while regular users can only borrow and return books.
* **Login System**: Implement a secure login system to ensure only authorized users can access certain features.

**2. Advanced Search and Filters**

* **Search Functionality**: Allow users to search for books by title, author, genre, or publication year.
* **Filters**: Add filters to narrow down search results based on availability, genre, or author.

**3. Enhanced Borrowing System**

* **Due Date Notifications**: Send email or SMS notifications to members when their borrowed books are due for return.
* **Overdue Fines**: Implement a system to calculate and manage fines for overdue books.

**User Interface Improvements**

* **Responsive Design**: Ensure the interface is user-friendly and works well on both desktop and mobile devices.
* **Dashboard**: Create a dashboard for admins to view statistics like the number of books borrowed, overdue books, and member activity.

**5. Data Analytics and Reporting**

* **Reports**: Generate reports on book borrowings, popular books, and active members.
* **Analytics**: Use data analytics to understand borrowing patterns and improve library services.

**6. Integration with External Systems**

* **Barcode Scanning**: Integrate barcode scanning for easy book check-in and check-out.
* **Online Catalog**: Allow users to browse the library catalog online and reserve books.

**7. Backup and Recovery**

* **Automated Backups**: Implement automated database backups to prevent data loss.
* **Recovery Plan**: Have a recovery plan in place to restore data in case of a system failure.

**8. Security Enhancements**

* **Data Encryption**: Encrypt sensitive data like user passwords and personal information.
* **Access Control**: Implement strict access control measures to protect the database from unauthorized access.

**9. Feedback System**

* **User Feedback**: Allow users to provide feedback on books and library services.
* **Ratings and Reviews**: Implement a rating and review system for books.

**10. Scalability**

* **Cloud Integration**: Consider hosting your database on a cloud platform for better scalability and performance.
* **Modular Design**: Design the system in a modular way to easily add new features in the future.

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