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LibKit - A Library Management App

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OVERVIEW

LibKit is a web application designed to streamline library management processes, catering to both librarians and library patrons. The application offers functionalities for users to browse books, make requests, provide feedback, and for librarians to manage the library's inventory efficiently.
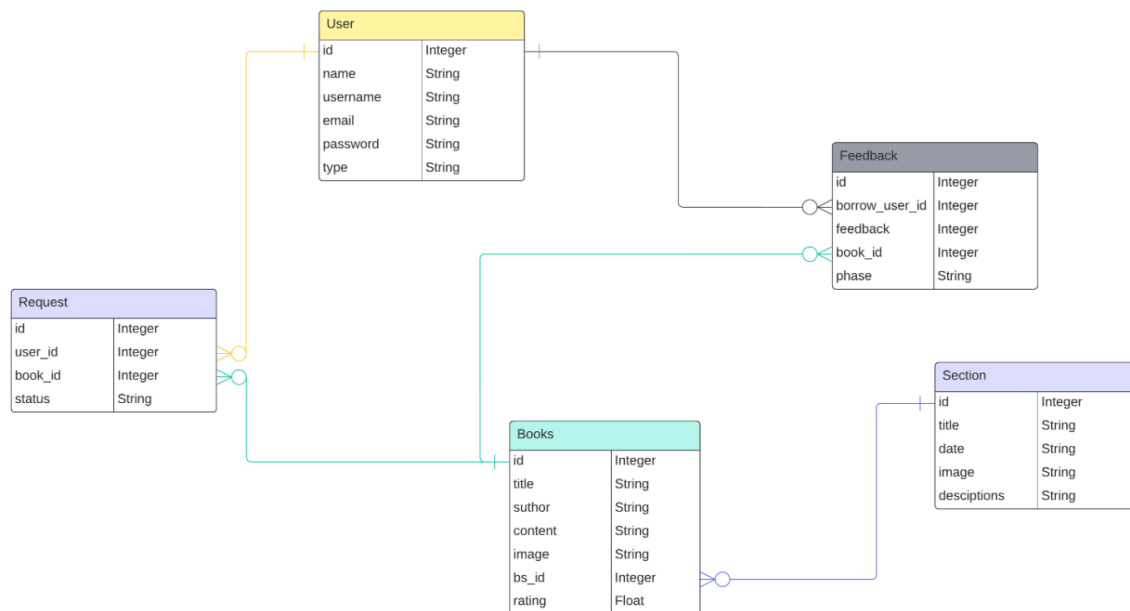
Key Features

1. User Management
    a. Users can register and log in to their accounts.
    b. Librarian privileges are provided to manage the library system.
2. Book Management
    a. Users can browse through a wide collection of books.
    b. Detailed book information, including title, author, description, and ratings, are displayed.
    c. Librarians can add, edit, or remove books from the library inventory.
3. Request Handling
    a. Users can request books they wish to borrow.
    b. Librarians can manage requests, approve or reject them based on availability.
4. Feedback System
    a. Users can provide feedback on borrowed books.
5. Search and Filter
    a. Users can search for books by title, author, or category.

Technologies Used

- Python: Backend development using Flask framework.
- SQLite: Database management system for storing application data.
- HTML/CSS: Frontend design and layout.
- JavaScript: Enhancing user interactions and dynamic content.
- Flask SQLAlchemy: Object-Relational Mapping for database interactions.
- Flask Login: Handling user authentication and session management.

Entity-Relationship (ER)

Presentation Video

Here's the link to my presentation video on **LibKit**. I hope you'll find it insightful and engaging.

Thank you for your attention to **LibKit**, a project focused on enhancing library management for better efficiency