Team name
" Bookie Monster "

Team members:

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Project Name :

" LibraVerse "

Objective:

The primary goal of [**LibraVerse**] is to create a user-friendly mobile application that allows users to manage and access a wide range of library services, including book browsing, borrowing, and returning, all in one place. This app aims to simplify and modernize the library experience for both users .

Proposed Solution:

[**LibraVerse**] will be a comprehensive library management app, offering features for users, including:

- **Book Search and Browsing**: Users can search for books by title, author, or category. The app will display book details such as descriptions, availability, and location in the library.

- **User Profiles**: Each user will have a personal profile where they can view borrowed books, due dates, and borrowing history.

- **Borrowing and Returning Books**: Users can borrow books directly from the app.

- **Book Reservation**: Users can reserve books that are currently on loan and get notified when the book becomes available.

- **Notifications**: Automated reminders for users to return books before due dates or when reserved books are ready for pick-up.

- **User Authentication**: Secure login for users to manage their borrowing activities.

- **Favorites/Bookmark**: Allow users to save books to their "Favorites" list for easy access later

- **Reviews and Ratings:**Display reviews and ratings for each book using APIs like Google Books or NYT Books API

Key Features:

1. **Book Management System**
   - Add, update, and delete books.
   - Organize books by categories (e.g., fiction, non-fiction, fantasy, etc.).
2. **Search & Filter**
   - Advanced search options for finding books based on multiple parameters.
   - Filter books by availability, genre, and more.
3. **Borrowing & Returning System**
   - Users can borrow and return books digitally.
   - Manage borrowed books and overdue returns efficiently.
4. **Reservation System**
   - Reserve books that are currently unavailable.
   - Get notifications when reserved books become available.

Target Audience

- **Library Users**: Students, book lovers, and researchers who need easy access to library resources.
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