**Project Title: Library Management system**

**Course: c programming**

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**Project Summary:**

Library Management System Description: This program will be designed for manage a library system, allowing librarians to efficiently handle book records, student registrations, teacher registrations, and book borrowings. It provides an interactive menu-driven interface for users to perform tasks.

**Key Features:**

**Add Book:** Add new books to the library database.

**Delete Book:** Remove books from the library database.

**Search Book:** Find specific books by title.

**View Books:** Display all books in the library.

**Edit Book Record:** Modify details of existing books.

**Manage Students:** Register new students and edit student records.

**Manage Teachers:** Register new teachers and edit teacher records.

**Return Book:** Mark borrowed books as returned and manage fines.

**Help:** Access a help menu for assistance.

**Login System:** Separate login interfaces for students and teachers with password authentication.

**Additional Notes:** The program employs structures to represent books, students, and teachers, ensuring organized data management. It includes error handling for invalid inputs and password attempts. The code is modularized with functions for each task, enhancing readability and maintainability.