**Library Management System Features**

* **Open the DSA file in vs code and run this command in terminal :**

**node Day4\LMS.js**

**and the code is in LMS.js file**

**path : DSA->Day4->LMS.js**

* **Books Dataset:**

The Library Management System incorporates a comprehensive dataset of books available within the library. This dataset serves as the foundation for efficient book management and accessibility.

* **User Roles: Student or Librarian:**

The system supports two distinct user roles: Students and Librarians. Each role has specific privileges and responsibilities tailored to their respective needs within the library ecosystem.

* **Check Book List and Availability (Student):**

Students can leverage the system to access and explore the extensive book catalog offered by the library. They can conveniently check the availability of books of their interest, enabling them to plan their reading selections efficiently.

* **Issue/Return Books (Librarian):**

Librarians, as authorized personnel, possess the capability to issue books to students and manage the return process. They play a vital role in ensuring the seamless circulation of books and maintaining accurate loan records.

* **Add/Remove Books in the Library (Librarian):**

Librarians are empowered to enrich the library collection by adding new books to the system. Conversely, they have the authority to remove books that are no longer relevant or in circulation. This feature allows for effective management of the library's inventory.

* **List of Issued Books (Librarian):**

The system provides Librarians with access to a comprehensive list of books currently issued to students. This feature enables Librarians to monitor and track the lending status of each book, facilitating efficient book retrieval and return processes.

* **Book Records Management:**

The system maintains meticulous records of all books within the library. Essential information such as book title, author, publication date, and availability status is diligently recorded and updated. This comprehensive book record management system enhances the overall efficiency of the library's operations.