Library Management System

Description:

Develop a library management system to handle book lending, returning, and tracking the availability of books. Use classes to represent books, members, and the library, and use inheritance to extend functionality for different types of members (e.g., students, faculty).

Key Features:

- Manage books (add, remove, update information).

- Manage members (add, remove, track borrowed books).

- Lend and return books, keeping track of due dates.

- Use inheritance to create different types of members with varying borrowing limits and privileges.