Library Management System - Project Documentation

Project Title

Library Management System (Web-based)

Objective

To create a simple, responsive web application that allows users to add and manage book entries issued from a library.

Features Implemented

- Form to input user name, book name, and select book type (Fiction, Programming, Cooking).

- Adds entries to a dynamic table with serial number and date of issue.

- Delete functionality to remove any book entry from the table.

- Basic client-side validation to ensure no empty fields are submitted.

Technologies Used

- HTML: Structure of the application.

- CSS/Bootstrap: Styling and layout.

- JavaScript: DOM manipulation and event handling.

How It Works

1. The user enters their name, the book name, and selects a book type.

2. On clicking 'Add Book,' the data is validated and shown in a table below with the issue date.

3. Each row also includes a 'Remove' button to delete that book entry.

Future Improvements

- Save book entries in localStorage to persist data even after page refresh.

- Add search/filter functionality for easier book tracking.

- Enable editing book entries.