**HTML code:**

<!DOCTYPE html>

<html>

<head>

<title>Library Management System</title>

<link rel="stylesheet" type="text/css" href="styles.css">

</head>

<body>

<h1>Library Management System</h1>

<div id="books-container">

<!-- Book list will be dynamically populated here -->

</div>

<form id="add-book-form">

<h2>Add a Book</h2>

<input type="text" id="title" placeholder="Title" required>

<input type="text" id="author" placeholder="Author" required>

<button type="submit">Add Book</button>

</form>

<script src="app.js"></script>

</body>

</html>

**CSS code:**

body {

font-family: Arial, sans-serif;

margin: 20px;

}

h1 {

text-align: center;

}

#books-container {

margin-top: 20px;

}

.book-item {

margin-bottom: 10px;

padding: 10px;

background-color: #f5f5f5;

border: 1px solid #ccc;

border-radius: 5px;

}

.book-item h3 {

margin-top: 0;

}

#add-book-form {

margin-top: 20px;

}

#add-book-form input {

margin-bottom: 10px;

}

#add-book-form button {

display: block;

margin-top: 10px;

}

**APP.js**

// Sample data for initial book list

const books = [

{ title: "Book 1", author: "Author 1" },

{ title: "Book 2", author: "Author 2" },

{ title: "Book 3", author: "Author 3" }

];

// Function to render the book list

function renderBooks() {

const booksContainer = document.getElementById("books-container");

booksContainer.innerHTML = "";

for (let i = 0; i < books.length; i++) {

const book = books[i];

const bookItem = document.createElement("div");

bookItem.classList.add("book-item");

const titleElement = document.createElement("h3");

titleElement.textContent = book.title;

const authorElement = document.createElement("p");

authorElement.textContent = "By " + book.author;

bookItem.appendChild(titleElement);

bookItem.appendChild(authorElement);

booksContainer.appendChild(bookItem);

}

}

// Function to handle form submission

function addBook(event) {

event.preventDefault();

const titleInput = document.getElementById("title");

const authorInput = document.getElementById("author");

const title = titleInput.value;

const author = authorInput.value;

const newBook = { title, author };

books.push(newBook);

renderBooks();

titleInput.value = "";

authorInput.value = "";

}

const addBookForm = document.getElementById("add-book-form");

addBookForm.addEventListener("submit", addBook);

renderBooks();