

## Domain: Web Development

**Project 3:** Library Management System Webpage

**Project Title:** Multi-Function Library Management System (HTML, CSS & JavaScript).

### Project Objective:

To design and develop a multi-page, advanced Library Management System using HTML, CSS, and JavaScript that allows users to manage books, track issued/returned books, search through the library collection, and handle multiple user roles (Admin & Member) efficiently. The goal is to create a visually appealing, responsive, and user-friendly interface with real-time interactivity.

### Technologies to Use:

- Frontend: HTML5, CSS3, JavaScript (ES6+)
- Styling: CSS Flexbox, Grid, Media Queries, Animations
- Interactivity & Data Handling: JavaScript DOM Manipulation, Local Storage / JSON
- Optional Enhancements: Bootstrap / Tailwind CSS for design improvement, Chart.js for stats

### Tasks Breakdown:

1. Design a responsive multi-page UI layout with navbar and footer.
2. Create a home page showing welcome message and quick stats.
3. Develop book management (add, edit, delete, store in local storage).
4. Build member management (add, edit, delete members).
5. Implement book issue and return functionality with date tracking.
6. Add search and filter options for books by title, author, or availability.
7. Display reports and analytics with optional charts.
8. Style the project with responsive design, animations, and dark/light mode.

### Submission:

- Submit the complete project folder containing all HTML, CSS, JS, and asset files.
- Project must be fully functional in a browser without requiring any backend.

Submit the project folder in ZIP file.

The ZIP will include all files that were used to create the project and Project Report PDF file

### Note:

Make sure your project is in running condition.