Installation guide

This Library Management System is built on following requirements.

Requirement:

Visual Studio 2019

.Net Framework 4.7.2

Sql Server 15

Management studio v18.9.2

Note: This requirement is tested on a given version of software and framework. Any other software or version can affect web application functionality.

Download Library Management System web application using Github.

Open the database folder and restore the .bak file in the sql server.

Now open the LMS (Library Management System) folder and open the “Library Management System.sln” file.

Open Web.config file and set the database connection string.

User Guide of LMS(Library Management System) application

Admin

-First click on the Admin button where you can add books and authors. Note: Add author first, before you add a book. You can also add multiple authors.

After adding new authors, now you can add a book and you choose multiple authors by pressing “ctrl key”.

-Once you add a book with selected authors you will see book data on the right of your screen.

-As an admin you can edit, delete and update the quantity of the book.

-Book data also has a user column which shows either a rented (user information) or it will be empty.

Logout button will take you back to the homepage.

User

Register as a user by providing your name and email.

You can use the registered email for login.

Now you can see book data with the rent option on the right side. Once you click on this it will show another table under the book table, a book which the user has rented.

Logout button on top will take you back to the homepage.