Project 1: Library Management System

Overview:-

An online library management system offers a user-friendly way of issuing books and viewing different books and titles available under a category. This type of Management Information System (MIS) can be developed in Asp.Net using C#, with SQL queries enabling quick retrieval of the required information.

In a typical college library, both teachers and students can issue books. The return period varies for both groups, and each book has a unique ID, even if they are copies of the same book by the same author. The system captures details such as who has issued the book, the issue duration, and any applicable fines.

Tasks :-

1)Create the database using an ER Diagram in MySQL, considering the entities:-

students, books, and teachers, and their various attributes.

2)Show relationships among all entities.

3)Save your ER Model File.

4)Submit the ER Model File on GitHub.

5)Share the GitHub link in the provided form.

THE ER DIAGRAM OF LIBRARY MANAGEMENT SYSTEM IS GIVEN BELOW:-

TEACHER

STUDENT

ISSUED BOOKS

BOOKS

M

M

M

M

M

M

BORROWS

BORROWS

M

1

ISSUE

1

1

M

ISSUE

ISSUE