

Library Management System using MySQL

A basic Library Management System built using MySQL to manage books, student records, and book issue/return tracking. This project is ideal for learning and demonstrating SQL database design and query skills.

Features:

Add and manage book inventory (title, author, quantity)

Register and manage student information

Issue and return books with due date tracking

View borrowing history per student

Check book availability

Optional: fine calculation for overdue books

Database Tables:

books – stores book details

students – student registration information

issue_records – records of issued and returned books

SQL Concepts Used:

CREATE TABLE, INSERT, UPDATE, DELETE

JOIN, GROUP BY, ORDER BY

DATE functions for due dates and returns

Subqueries for fine calculation

Technologies:

MySQL

SQL Queries