

Library Management System

You can use MySQL, MS-SQL, SQLite, Json (this is not a relational database, but you can use it as text file), PostgreSQL etc... as your relational database of your project.

You can use any of Java, C#, Python, PHP, ASP.Net or Mobile Programming (Swift, etc...) languages as programming language.

Login Panel

- 1) There must be a registration system for both students and teachers. (There is no need of approval for student registration. Teachers are going to be registered as a student before they get approved by admin.) To do this, you can add rank information to users. (For example, Rank 1 is admin, Rank 2 Teacher, Rank 3 Student)
- 2) User should enter either school number or their email and their password to log in. So you have to automatically detect whether it is a student number or email and check for both.
- 3) Passwords should be stored Hashed in the database (such as SHA256).

Library Panel

- 1) Books in the library should contain title, number of pages, category, author and publishing year information
- 2) The books in the library should have “quantity of the book” information. For example there can be 2 of the same book. When user takes one of the books, that book’s quantity should be 1.
- 3) User should be able to search the books in library. When searching, it should be searched as if it contains the searched term. (eg: %word%). All users should be able to see all the books. However, it should not be possible to take books that have 0 quantity. Also, a filter should be added and, if checked, books that have 0 quantity should not be displayed.
- 4) User should be able to sort the books by their names, authors or categories. Also, there should be quick search feature that searches the books by their names’ first letter.
- 5) Students can take maximum 2 books at the same time. There is no limit for lecturers. This number of limit should be adjustable. This setting should be stored in database and should be adjustable in Admin Panel.
- 6) The book return period for students is 7 days. There is no return period for teachers. This period time should be adjustable. This setting should be stored in database and should be adjustable in Admin Panel.
- 7) Also, students and teachers should be able to see books they have taken.

- 8) Admin should be able to see information of books taken. (by who and when)
- 9) Students whose book period has passed should be notified with a message.
- 10) Users should be able to return books with the return button from taken books section on their panels. There should be Returned Books List, in the admin panel and the books should be considered returned after the approval of the admin.

Note: Pictures are only to give an idea about project. You need to change the design according to the rules requested above

You can use ComboBox to make selection parts with multiple options.

Admin Paneli

Kitap Ekle

Kitapları Listele

Kullanımdaki
Kitaplar

Öğretmen Onayları

Kütüphane Yönetim Sistemi

Giriş Ekranı

Okul Numarası:

Şifre:

Giriş Yap

Üye Ol

Kitapları Listele

Kitap Arama

Kitap Adı:

Harf ile Başlayan:

Kitap Türü:

Yazar Adı:

Kitabı Ara

Seçilen Kitabı Al

Öğretmen/Öğrenci Giriş Sayfası

Kitapları Listele

Üzerimdeki Kitaplar

Bildirimler

Kütüphane Yönetim Sistemi Üye Olma Paneli

Ad:

Şifre:

Soyad:

Şifre Tekrar:

E-Mail:

Durum:

Okul Numarası:

Üye
Ol