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**Project Proposal**

For

# LIBRARY MANAGEMENT SYSTEM

1. **Project Proposal**

## Title of the project:

## 

## Book Gallery

## Introduction:

A college library management is a project that manages and stores books information electronically according to student’s needs. The system helps both students and library manager to keep a constant track of all the books available in the library. It allows both the admin and the student to search for the desired book.

## Objective of the project:

## The main objective of this application is to automate the existing system of manually maintain the records of the Book Issue, Book Return from the student, Stock Maintenance, Catalog and Book Search to be computerized. So the Book Issue, Return, Searching will be faster.

## Project Category:

## Web-Based Application Using RDBMS

## 1.5 Languages to be used:

* Front-end: HTML, CSS, JavaScript
* Back-end: MySQL, PHP
  1. **Hardware Interface**:
* Processors: Intel Pentium dual-core or above
* RAM: 2GB and above
* Hard disk Utilization: 40GB and above
* Input Devices: Mouse, Keyboard

### 1.7 Software Interface:

* Browser: Internet Explorer, Google Chrome, Mozilla Firefox
* Server: Apache
* IDE: Visual Studio Code

## Module description:

## Admin Module

**Admin login:**

Admin is the one who administers the system by adding or removing books into and from the system respectively.

**Add and Update Books:**

The admin can add books to the system by entering the details of the books and can even update the details.

**Search option:**

Admin and Students can even search for books by entering the name of the book.

**New Issue Book:**

Admin will issue a new user with book name and due date.

**Return Book:**

Admin can update the return status of the book and college fine from the student

**Update material:**

Admin can update the new material of books based on year and semester wise.

**View material:**

Admin can be view a material for an new updated materials.

**Student User Module**

**User Register**

Students have to register themselves into the system to create an account. All the users must register themselves with the system from which they will get unique

username and password.

**User Login**

Using the registered username and the password users can get into the system whenever they want.

**User Borrowed Book**

Issued books status of the student will be having those details under my books borrowed.

**Search all Book**

Any user can search for their interested book in the system.

**Status: Issued/Return**

Status of the Book will be updated with the system on a regular basis.

**Search material**

Student will search a material for a year and semester wise material.

**Download**

Student will be downloaded the material for their year or semester materials easily.

**My Profile**

Every user will have their own profile details under their account.

**1.7 Limitations:**

### Online system requires high speed internet connectivity.

### Costly and Expensive

### 1.8 Future Scope:

### The website can be converted into mobile application in future.

### Additional features can be added, such as e -book reading.