SYNOPSIS

ON

Library Management System

Submitted by:

Swapnil Sharma, G (191500838)
Shourya Jain, C (191500780)
Rohit Singhal, C (191500676)
Swati Gupta, C (201599029)
Garima Rajpoot, J (201599011)

Submitted to:

Mr. Kunal Goyal
Technical Trainer (CEA)

INTRODUCTION

Library Management System in which a user can issue a book of his/her Choice and can take the book with him/herwith the limited time after the time period finished the user will be fined according to the extra time period.If the book is damaged the user has to pay the price of book. There is the admin portal also where the admin can add books, authors, categories, issue books to the user .Admin can also update the details of any above options given Admin can also block a user to log in the Library Management System. Here signup page is there for new user the user can login only after the admin approve the signup.

Scope Of The Project

The document only covers the requirements specifications for theLibrary Management System. This document does not provide anyother information about Library Management System.

This document does not provide any other references to the othercomponent of the Library Management System.

All the dependencies are also included in this document.

The system is developed to cope up with the current issues and problems of library.

This pro ect is basically updating the manual library system into asoftware based application so that the user cans details of theiraccount availability of books etc.

After computeri ed system is implemented less human force will be re uired to maintain the library thus reducing the overall cost.

Non-Functional Requirements

EFFICIENCY REQUIREEMTNS :

When a library management system will be implemented librarian and user
will easiliy access library as searching and book transaction will be very fast.

RELIABILITY REQUIREMNT:

The System should accuretly performs member registration, member validation,
report generation, book transaction and search.

USABILITY REQUIREMENT:

The system is designed for a user firendly enviroment so that student and staff
of library can perform the various tasks easily and in effective way.

SAFETY REQUIREMENT:

The databse gets crashed at any time due to various or operating system faliur.
Therefore, it is required to take the database backup.

SECURITY REQUIREMENTS:

A functional security requirement is something that describes functional
behavour that enforces security. It can directly tested and observed.

Software Specification:

- Technology Implemented   : Xammp, Visual Studio Code
- Language Used   : HTML, CSS, JS, SQL, PHP, Python,
- Database   : MySql
- User Interface Design   : Visual Studio Code, GitHub
- Web Browser   : Chrome, Edge, Firefox.

Hardware Requirements:

Minimum Requirements are:

- Processor   : Intel i3
- Operating System   : Windows 7
- RAM   : 2 GB
- Hardware Devices   : Laptop/PC, Mouse, Keyboard, Internet-Connection
- Hard disk   : 15-20 GB of Free Space
- Display   : Requires 1366 by 768 resolution

Main Page

ADMIN LOGIN   USER SIGNUP   USER LOGIN

USER LOGIN FORM

LOGIN FORM

Enter Email id

Password

Forgot Password

Verification code :   29856

LOGIN | Not Register Yet

© 2021 Online Library Management System | Designed by : Swapnil Sharma

Admin Login Page

ADMIN LOGIN   USER SIGNUP   USER LOGIN

ADMIN LOGIN FORM

LOGIN FORM

Enter Username

Password

Verification code :   42584

LOGIN

© 2021 Online Library Management System | Designed by : Swapnil Sharma

SignUp Page

Admin Dashboard

Categories

Add Category

Manage Categories

Online Library Management System

LOG ME OUT

DASHBOARD   CATEGORIES ⌄   AUTHORS ⌄   BOOKS ⌄   ISSUE BOOKS ⌄   REG STUDENTS   CHANGE PASSWORD

MANAGE CATEGORIES

Categories Listing

10 ⌄ records per page   Search:

#	Category	Status	Creation Date	Updation Date	Action
1	Romantic	Active	2021-10-23 00:05:25	2021-11-08 21:30:42	Edit Delete
2	Technology	Active	2021-10-19 00:05:39	2021-11-08 22:43:03	Edit Delete
3	Science	Active	2021-10-20 00:05:55	2021-11-09 13:18:33	Edit Delete
4	Management	Inactive	2021-10-28 00:06:16	2021-11-16 13:19:55	Edit Delete

Showing 1 to 4 of 4 entries   Previous   1   Next

© 2021 Online Library Management System | Designed by : Swapnil Sharma

Update Category

Online Library Management System

LOG ME OUT

DASHBOARD   CATEGORIES ⌄   AUTHORS ⌄   BOOKS ⌄   ISSUE BOOKS ⌄   REG STUDENTS   CHANGE PASSWORD

EDIT CATEGORY

Category Info

Category Name

Romantic

Status

◉ Active

○ Inactive

Update

© 2021 Online Library Management System | Designed by : Swapnil Sharma

Authors

Add Authors

Manage Author

MANAGE AUTHORS

Authors Listing

10 ˅ records per page   Search:

#	Author	Creation Date	Updation Date	Action
1	Anuj kumar	2021-10-28 18:19:09	2021-11-10 20:46:59	Edit Delete
2	Chetan Bhagatt	2021-10-31 20:00:23	2021-11-11 20:45:09	Edit Delete
3	Anita Desai	2021-11-03 20:05:08		Edit Delete
4	HC Verma	2021-11-04 20:05:21		Edit Delete
5	R.D. Sharma	2021-11-12 20:05:36		Edit Delete
6	fwdfrwer	2021-11-06 20:52:03		Edit Delete

Showing 1 to 6 of 6 entries   Previous 1 Next

Update Author

ADD AUTHOR

Author Info

Author Name

Update

Books

Add Books

Issue Book

Issue New Book

FUTURE SCOPE

This website provides a computarized version of library management system which will benifit the students as well as the staff of the library.

It makes entire process online where student can search books, staff can generate reports and do book transactions. It also has a facility for student login where student can login and can see status of books issued as well request for book or give some suggestions. It has a facility of teacher's login where techers can addlectures, notes and also give necessary suggestion to library and also add info about workshops or events happening in our college or nearby college in the online notice board.

There is a future scope this facility that many more fetures such as online lectires video, tutorials can be added by teachers as well as online assignments submission facility, a feture of group chat where students can discuss various issues of engineering can be addedto this project thus making it more intrective more user friendly and project which fulfills each users need in the best way possible.