Library Management System
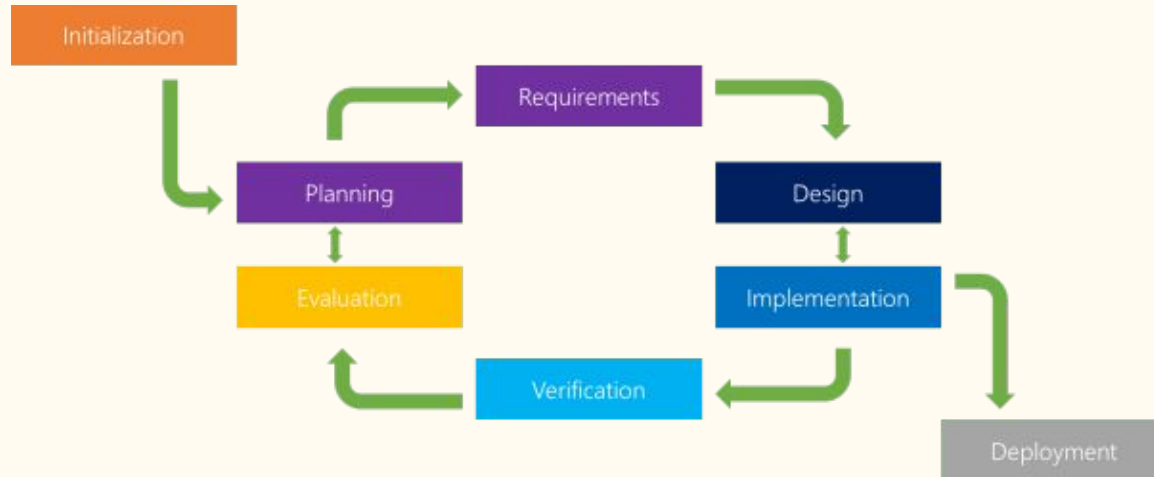
By Group No. 11

Introduction

- Library Management System is a software that has been developed to handle the basic book keeping functions of a library.

- It helps in providing information related to any book present in the library.

- It keeps a track of books issued, returned and added to the library.

- This software is used to automate the whole workflow of issuing, returning and collecting fines in a library.

- The front-end is developed using CSS, HTML5, BootStrap and JavaScript and back-end is developed using PHP.

- This software has 2 modules : Admin Module and Student Module.

Iterative Model

- The **iterative model** is a particular implementation of a software development life cycle (SDLC) that focuses on an initial, simplified implementation, which then progressively gains more complexity and a broader feature set until the final system is complete.

Software Overview

Tools Used

- HTML
- CSS
- Java Script
- PHP
- MySQL
- BootStrap
- XAMPP Server

Admin Module Features

- Admin Dashboard
- Admin can add/update/ delete category
- Admin can add/update/ delete author
- Admin can add/update/ delete books
- Admin can issue a new book to student and also update the details when student return book
- Admin can search student by using their student ID
- Admin can also view student details
- Admin can change own password

Student Module Features

- Student can register yourself and after registration they will get student_id.

- After login student can view own dashboard.

- Student can update own profile.

- Student can view issued book and book return date-time.

- Student can also change own password.

- Student can also recover own password.

Database Design

- The entire database consists of 6 tables:

  - Admin Table (id, FullName, Admin Email, Username, Password, Updation date).

  - Authors Table (id, Author name, Creation date, Updation date).

  - Books Table (id, Book Name, Category id, Author id, ISBN, Book price, Registration date, Updation date).

  - Category Table (id, Category name, status, Creation date, Updation date).

  - Issued Book Details Table (id, book id, student id, issued date, returned date, return status, fines).

  - Students Table (id, student id, full name, email id, mobile number, password, status, registration date, updation date).

Project Demonstration

Online Library Management System

ADMIN LOGIN   USER SIGNUP   USER LOGIN

ADMIN LOGIN FORM

LOGIN FORM

Enter Username

Password

Verification code :   30574

LOGIN

USER SIGNUP

SINGUP FORM

Enter Full Name

Mobile Number :

Enter Email

Enter Password

Confirm Password

Verification code :   15777

Register Now

**Online Library
Management System**

ADMIN LOGIN   USER SIGNUP   USER LOGIN

USER LOGIN FORM

LOGIN FORM

Enter Email id

Password

Forgot Password

Verification code :   80155

LOGIN | Not Register Yet

Student Module

Online Library
Management System

LOG ME OUT

DASHBOARD   ACCOUNT ⌄   ISSUED BOOKS

ADMIN DASHBOARD

2

Book Issued

0

Books Not Returned Yet

MY PROFILE

My Profile

Student ID : SID012

Reg Date : 2019-11-14 07:07:59

Profile Status : Active

Enter Full Name

M Krishna Chaitanya

Mobile Number :

7780403101

Enter Email

mkchaitanya1999@gmail.com

Update Now

USER CHANGE PASSWORD

Change Password

Current Password

Enter Password

Confirm Password

Chnage

Online Library Management System

LOG ME OUT

DASHBOARD   ACCOUNT ⌄   ISSUED BOOKS

MANAGE ISSUED BOOKS

Issued Books

10 ▼ records per page				Search:

#	Book Name	ISBN	Issued Date	Return Date	Fine (in Rs.)
1	The Secret Island	2	2019-11-14 07:29:03	Not Return Yet	
2	The Last Question	4	2019-11-14 07:28:37	2019-11-14 07:41:28	12

Showing 1 to 2 of 2 entries

Previous   1   Next

Admin Module

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

ADMIN DASHBOARD

6
Books Listed

5
Times Book Issued

1
Times Books Returned

5
Registered Users

6
Authors Listed

5
Listed Categories

Online Library Management System

LOG ME OUT

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

ADD CATEGORY

Category Info

Category Name

Status

○ Active

○ Inactive

Create

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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	Fiction	Active	2019-11-14 07:12:53	0000-00-00 00:00:00	Edit Delete
2	Management	Inactive	2019-11-14 07:13:34	0000-00-00 00:00:00	Edit Delete
3	Science & Technology	Active	2019-11-14 07:13:52	0000-00-00 00:00:00	Edit Delete
4	Spiritual	Active	2019-11-14 07:14:02	0000-00-00 00:00:00	Edit Delete

Showing 1 to 4 of 4 entries

Previous   1   Next

Online Library Management System

LOG ME OUT

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

ADD AUTHOR

Author Info

Author Name

Add

MANAGE AUTHORS

Authors Listing

10 ▼ records per page				Search:

#	Author	Creation Date	Updation Date	Action
1	Tulsidas	2019-11-14 07:14:50	2019-11-14 07:17:03	Edit Delete
2	Vedavyas	2019-11-14 07:15:15		Edit Delete
3	Isaac Asimov	2019-11-14 07:15:26		Edit Delete
4	Enid Blyton	2019-11-14 07:15:52		Edit Delete
5	Philip Kotler	2019-11-14 07:16:21		Edit Delete
6	Robin Sharma	2019-11-14 07:16:34		Edit Delete
7	Stephen Hawking	2019-11-14 07:16:45		Edit Delete

Showing 1 to 7 of 7 entries

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ADD BOOK

Book Info

Book Name*

Category*

Select Category ▼

Author*

Select Author ▼

ISBN Number*

An ISBN is an International Standard Book Number.ISBN Must be unique

Price*

Add

MANAGE BOOKS

Books Listing

10 ▾ records per page   Search: _____

#	Book Name	Category	Author	ISBN	Price	Action
1	The Secret Island	Fiction	Enid Blyton	2	251	Edit Delete
2	The Brief History Of Time	Science & Technology	Stephen Hawking	1	600	Edit Delete
3	The Last Question	Science & Technology	Isaac Asimov	4	399	Edit Delete
4	The Bhagvad Gita	Spiritual	Vedavyas	3	800	Edit Delete

Showing 1 to 4 of 4 entries   Previous 1 Next

Online Library
Management System

LOG ME OUT

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

ISSUE A NEW BOOK

Issue a New Book

Srtudent id*

ISBN Number or Book Title*

Issue Book

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

MANAGE ISSUED BOOKS

Issued Books

10 ▼ records per page					Search:	
#	Student Name	Book Name	ISBN	Issued Date	Return Date	Action
1	Nitin Chandra	The Secret Island	2	2019-11-14 07:35:35	Not Return Yet	☑ Edit
2	Nitin Chandra	The Last Question	4	2019-11-14 07:35:07	Not Return Yet	☑ Edit
3	C Tarun Sai	The Brief History Of Time	1	2019-11-14 07:34:52	Not Return Yet	☑ Edit
4	M Krishna Chaitanya	The Secret Island	2	2019-11-14 07:29:03	Not Return Yet	☑ Edit
5	M Krishna Chaitanya	The Last Question	4	2019-11-14 07:28:37	2019-11-14 07:41:28	☑ Edit

Showing 1 to 5 of 5 entries

Previous 1 Next

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

MANAGE REG STUDENTS

Reg Students

10 ▾ records per page

Search:

#	Student ID	Student Name	Email id	Mobile Number	Reg Date	Status	Action
1	SID012	M Krishna Chaitanya	mkchaitanya1999@gmail.com	7780403101	2019-11-14 07:07:59	Active	Inactive
2	SID013	C Tarun Sai	ctsbgopal@gmail.com	7981993363	2019-11-14 07:30:09	Active	Inactive
3	SID014	Nitin Chandra	nitin94257@gmail.com	8827106331	2019-11-14 07:32:19	Active	Inactive
4	SID015	Vinayak Bhartia	vbhartia@gmail.com	7633789104	2019-11-14 07:39:51	Blocked	Active

Showing 1 to 4 of 4 entries

Previous | 1 | Next

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

ADMIN CHANGE PASSWORD

Change Password

Current Password

Enter Password

Confirm Password

Change

Thank You