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**Vellore Institute of Technology**  
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# **ONLINE LIBRARY MANAGEMENT SYSTEM**

A Project report

**CSE2004-Database Management Systems Project**  
**J Component Review 1**

Final Review

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# **ABSTRACT**

Library management system is a project which aims in developing a computerized system to maintain all the daily work of library. This project has many features which are generally not available in normal library management systems like facility of user login. Manual process of keeping student records, book records, account details, managing employee is very difficult. There are various problems also faced by the student in library such as finding any particular book, information whether book is available or not, searching of books using ISBN number etc. To eliminate this manual system, library management system has been developed. Library Management System will handle all the current issues faced by the students and by its admin personnel.

It has a facility of admin login through which the admin can monitor the whole system. It has a facility where student after logging in their accounts can see list of books issued and its issue date and return date .

Overall, this project of ours is being developed to help the staff of library to maintain the library in the best way possible and also reduce the human efforts.

# **INTRODUCTION**

## **Module 1 – Member Module**

In this module , we are displaying information from the database regarding all the members that are registered. In this module the librarian can add or delete the members registered in the library and only the members who are registered can view the information.

The first part is Adding of members. The initial page displays all the registers members present in our database. In this file the librarian can add a member by filling up all the details such as its address, name, phone number etc.

The second part is Updation of the member. If the member wants to update his/her phone number this could be done with the help of the update option available, after filling up all the new details the database will be updated using the appropriate query.

The third part is Deletion of the member. We have provided an option for the librarian to permanently delete a member from the database. When the librarian click on delete option button present in-front of the member than that particular member will be deleted from the database and the list will be updated.

## **Module 2 – Books Module**

In this module we are displaying information from the database regarding all the books that are available in the library. This option is divided into various categories like books which are lost,damaged, that are subject to replacement etc.

The first file that is books.php displays the books that are not archive. Second tab that is of new\_books.php displays information of new books available in library. Then, it includes option of old\_books.php containing information regarding the old books. Similarly, there is option for lost books and then for damage books. It includes another option for books that are subject to replacement.

This module provides admin a systematic view of all the books divided into various categories, making the task easier for the admin.

In every file of books module, there is an option provided Add Books, which enables the admin to add books in various categories defined above.

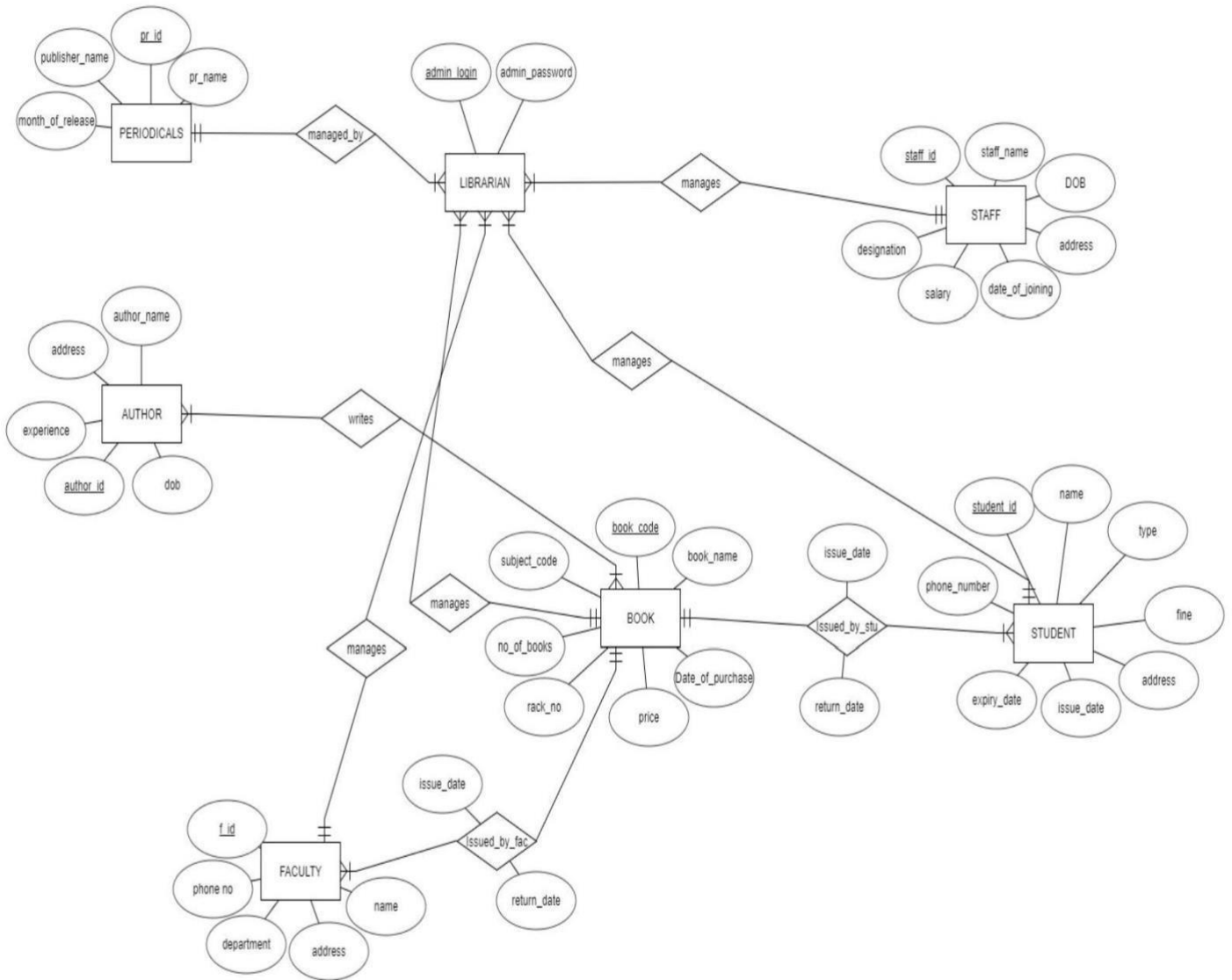
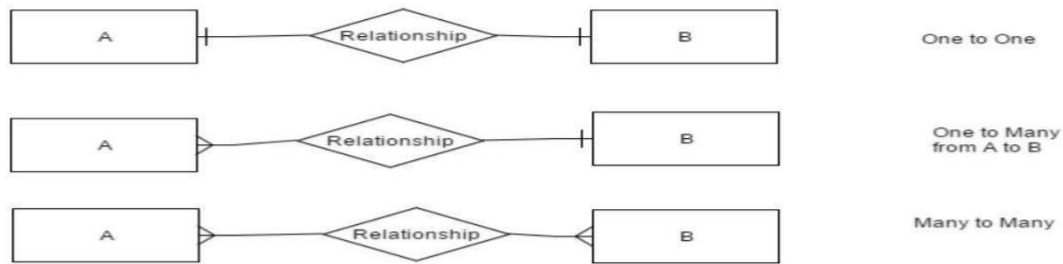
### Module 3 – Search Module

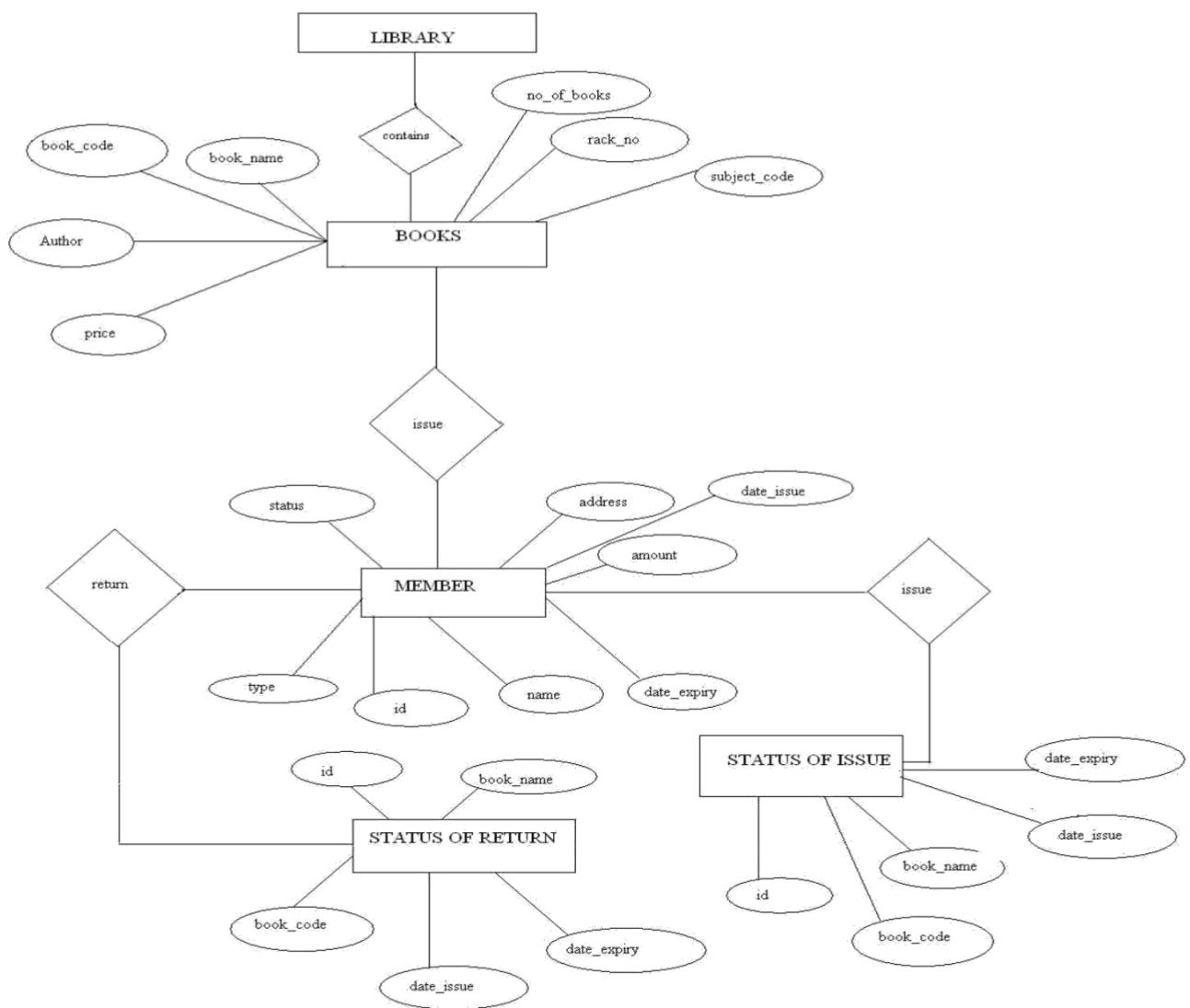
The search module lets users search for specific book on the site. You can search both for author and for particular book. When you are on the search tab of website, you will be able to search for authors and book available on the library management system.

### **Module 4 – Login and Logout**

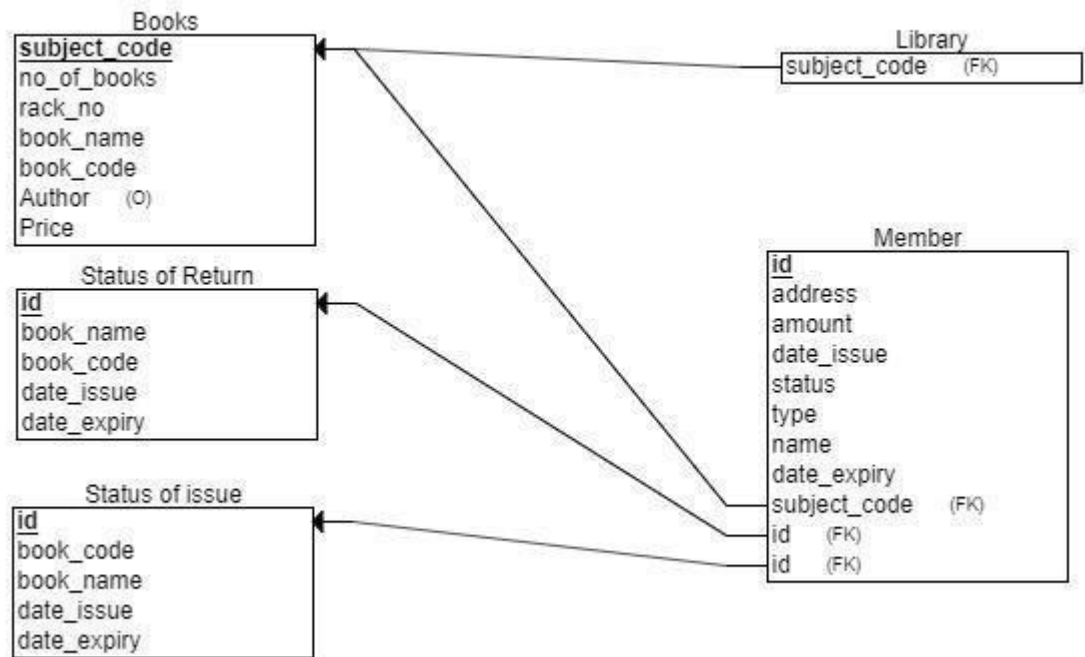
The default user for our project is admin. Our project provides the facility for the admin to login and then review all the books and members in the library database. Admin also has an option of adding another person as admin to the system.

### Architecture Diagram:-





## Relationship Schema

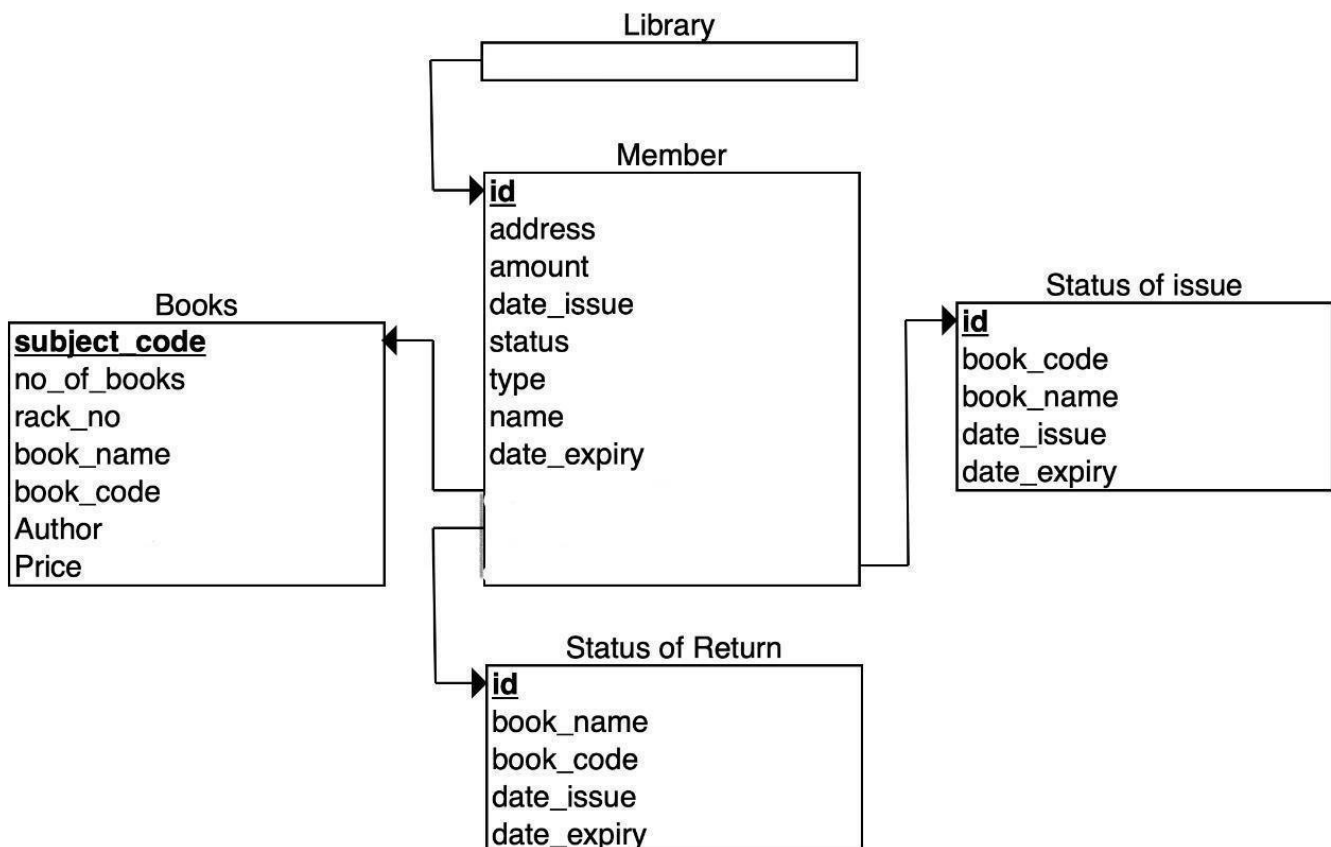


1NF:

The table is in 1NF since there are no multivalued attributes.

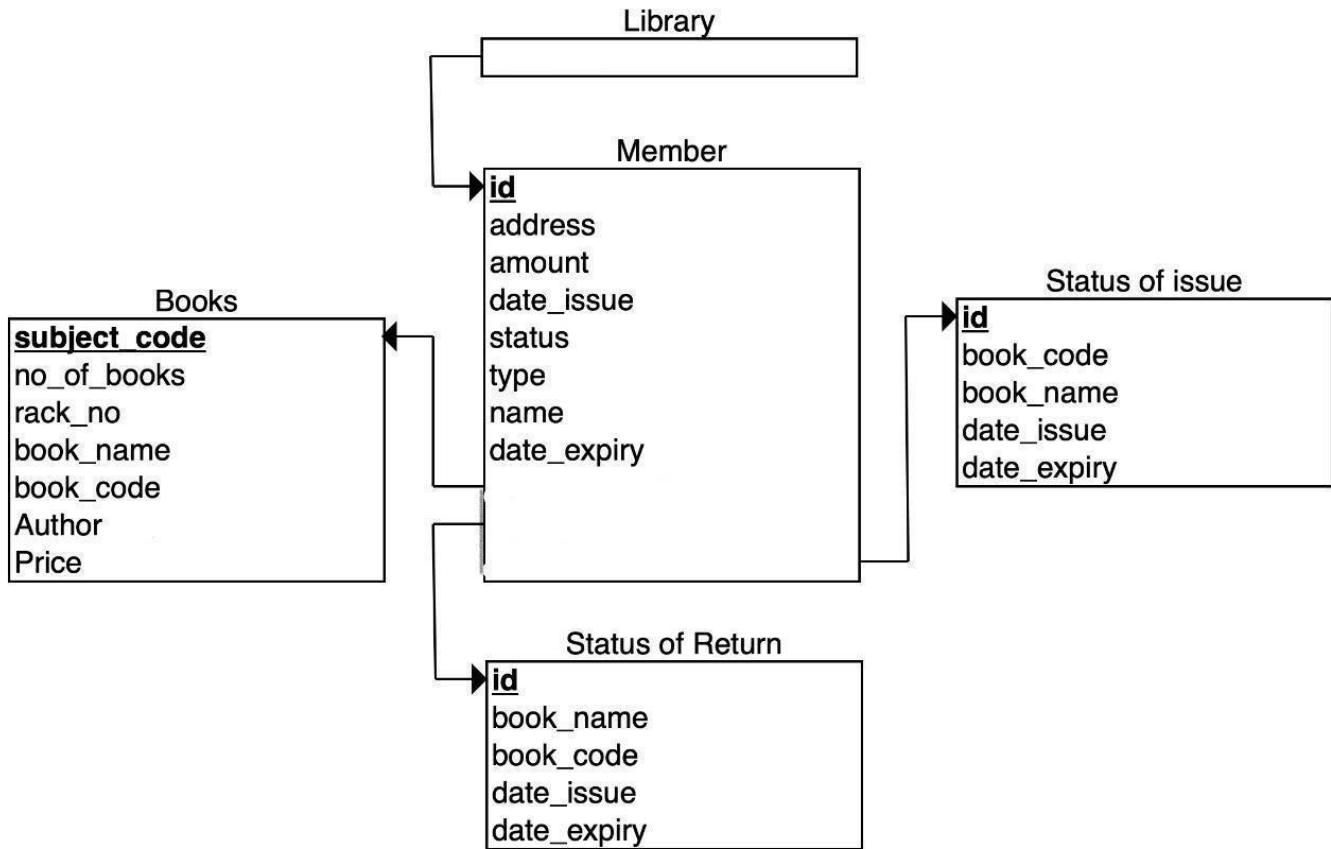
2NF:

Here every non-primary-key attribute is fully functionally dependent on the primary key, thus this relation is in Second Normal Form (2NF).



### 3NF:-

Here relation is in third normal form, if there is no transitive dependency for nonprime attributes as well as it is in second normal form.





## DATA BASE DESIGN

Table: Members

S.no.	Coloum Name	Data Type	Length	Description
1	<u>Id_no</u>	Text	50	Unique identification of the members
2	Name	Text	70	Name of members
3	Address	Text	100	Location of Members
4	Date of Issue	Date/Time		Date of Registration
5	Date of Expiry	Date/Time		Registration    expiry date
6	Status	Text	50	Permanent/Temporary

**Table : Add Books**

s.no.	Column Name	Date- Type	Description
1	Book_name	Text	Title of the book
2	Book_code	Text	Book identification      number
3	Author	Text	Author      of books
4	Date of arrival	Date/time	Date on which book was received
5	Price	Text	Cost of books
6	Rack_no	Text	Almirah      no
7	No_of_books	Text	Quantity      of books
8	<u>Subject code</u>	Text	Unique identification no of particular subject

**Table : Issue**

s.no.	Column Type	Date Type	Description
1	<u>Id_no</u>	Text	User identification number
2	Book_name	Text	Title of books
3	Issue_date	Date/time	Date on which book is issued
4	Due_date	Date/time	Due date on which book is to be returned

# SQL CODE

## Table structure for table `book`

```
CREATE TABLE IF NOT EXISTS `book` (  
  `book_id` int(11) NOT NULL AUTO_INCREMENT, `book_title` varchar(100) NOT NULL, `category_id`  
  int(50) NOT NULL,  
  `author` varchar(50) NOT NULL,  
  `book_copies` int(11) NOT NULL,  
  `book_pub` varchar(100) NOT NULL, `publisher_name` varchar(100) NOT NULL,  
  `isbn` varchar(50) NOT NULL,  
  `copyright_year` int(11) NOT NULL,  
  `date_receive` varchar(20) NOT NULL,  
  `date_added` datetime NOT NULL,  
  `status` varchar(30) NOT NULL,  
  PRIMARY KEY (`book_id`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=33 ;
```

## -- Dumping data for table `book` --

```
INSERT INTO `book` (`book_id`, `book_title`, `category_id`, `author`, `book_copies`, `book_pub`, `publisher_name`, `isbn`,  
  `copyright_year`, `date_receive`, `date_added`, `status`) VALUES  
(15, 'Natural Resources', 8, 'Robin Kerrod', 15, 'Marshall Cavendish Corporation', 'Marshall', '1-85435-628-3', 1997, '', '2013-  
12-11 06:34:27', 'New'),  
(16, 'Encyclopedia Americana', 5, 'Grolier', 20, 'Connecticut', 'Grolier Incorporation', '0-7172-0119-8', 1988, '', '2013-12-11  
06:36:23', 'Archive'),  
(17, 'Algebra 1', 3, 'Carolyn Bradshaw, Michael Seals', 35, 'Pearson Education, Inc', 'Prentice Hall, New Jersey', '0- 13125087-  
6', 2004, '', '2013-12-11 06:39:17', 'Damage'),  
(18, 'The Philippine Daily Inquirer', 7, '..', 3, 'Pasay City', '..', '..', 2013, '', '2013-12-11 06:41:53', 'New'),  
(19, 'Science in our World', 4, 'Brian Knapp', 25, 'Regency Publishing Group', 'Prentice Hall, Inc', '0-13-050841-1', 1996, '',  
'2013-12-11 06:44:44', 'Lost'),  
(20, 'Literature', 9, 'Greg Glowka', 20, 'Regency Publishing Group', 'Prentice Hall, Inc', '0-13-050841-1', 2001, '', '2013-12-11  
06:47:44', 'Old'),  
(21, 'Lexicon Universal Encyclopedia', 5, 'Lexicon', 10, 'Lexicon Publication', 'Pulication Inc., Lexicon', '0-7172- 2043-5', 1993,  
'', '2013-12-11 06:49:53', 'Old'),  
(22, 'Science and Invention Encyclopedia', 5, 'Clarke Donald, Dartford Mark', 16, 'H.S. Stuttman inc. Publishing', 'Publisher ,  
Westport Connecticut', '0-87475-450-x', 1992, '', '2013-12-11 06:52:58', 'New'),  
(23, 'Integrated Science Textbook ', 4, 'Merde C. Tan', 15, 'Vibal Publishing House Inc.', '12536. Araneta Avenue Corner Ma.  
Clara St., Quezon City', '971-570-124-8', 2009, '', '2013-12-11 06:55:27', 'New'),  
(24, 'Algebra 2', 3, 'Glencoe McGraw Hill', 15, 'The McGrawHill Companies Inc.', 'McGrawhill', '978-0-07- 873830-2', 2008,  
'', '2013-12-11 06:57:35', 'New'),  
(25, 'Wiki at Panitikan ', 7, 'Lorenza P. Avera', 28, 'JGM & S Corporation', 'JGM & S Corporation', '971-07-1574-7', 2000, '',  
'2013-12-11 06:59:24', 'Damage'),  
(26, 'English Expressways TextBook for 4th year', 9, 'Virginia Bermudez Ed. O. et al', 23, 'SD Publications, Inc.', 'Gregorio  
Araneta Avenue, Quezon City', '978-971-0315-33-8', 2007, '', '2013-12-11 07:01:25', 'New'),  
(27, 'Asya Pag-usbong Ng Kabihasanan ', 8, 'Ricardo T. Jose, Ph . D.', 21, 'Vibal Publishing House Inc.', 'Araneta Avenue . Cor.  
Maria Clara St., Quezon City', '971-07-2324-3', 2008, '', '2013-12-11 07:02:56', 'New'),  
(28, 'Literature (the readers choice)', 9, 'Glencoe McGraw Hill', 20, '..', 'the McGrawHill Companies Inc', '0-02- 817934-x',  
2001, '', '2013-12-11 07:05:25', 'Damage'),  
(29, 'Beloved a Novel', 9, 'Toni Morrison', 13, '..', 'Alfred A. Knoff, Inc', '0-394-53597-9', 1987, '', '2013-12-11 07:07:02',  
'Old'),  
(30, 'Silver Burdett English', 2, 'Judy Brim', 12, 'Silver Burdett Company', 'Silver', '0-382-03575-5', 1985, '', '2013- 12-11  
09:22:50', 'Old'),
```

(31, 'The Corporate Warriors (Six Classic Cases in American Business)', 8, 'Douglas K. Ramsey', 8, 'Houghton Mifflin Company', '..', '0-395-35487-0', 1987, '', '2013-12-11 09:25:32', 'Old'),  
(32, 'Introduction to Information System', 9, 'Cristine Redoblo', 10, 'CHMSC', 'Brian INC', '123-132', 2013, '', '2014-01-17 19:00:10', 'New');

-- -----  
  
-- Table structure for table `borrow` --

```
CREATE TABLE IF NOT EXISTS `borrow` ( `borrow_id` int(11) NOT NULL AUTO_INCREMENT, `member_id`  
bigint(50) NOT NULL,  
`date_borrow` varchar(100) NOT NULL,  
`due_date` varchar(100) DEFAULT NULL,  
PRIMARY KEY (`borrow_id`),  
KEY `borrowerid` (`member_id`),  
KEY `borrowid` (`borrow_id`)  
  
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=485 ;
```

--  
  
-- Dumping data for table `borrow` --

```
INSERT INTO `borrow` (`borrow_id`, `member_id`, `date_borrow`, `due_date`) VALUES (484, 55, '2014-03-20 23:50:27',  
'21/03/2014'),  
(483, 55, '2014-03-20 23:49:34', '21/03/2014'),  
(482, 52, '2014-03-20 23:38:22', '03/01/2014');
```

-- -----  
  
-- Table structure for table `borrowdetails` --

```
CREATE TABLE IF NOT EXISTS `borrowdetails` ( `borrow_details_id` int(11) NOT NULL AUTO_INCREMENT,  
`book_id` int(11) NOT NULL,  
`borrow_id` int(11) NOT NULL,  
`borrow_status` varchar(50) NOT NULL,  
`date_return` varchar(100) NOT NULL,  
PRIMARY KEY (`borrow_details_id`)  
  
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=165 ;
```

## -- Dumping data for table `borrowdetails` --

```
INSERT INTO `borrowdetails` (`borrow_details_id`, `book_id`, `borrow_id`, `borrow_status`, `date_return`) VALUES (164, 16, 484, 'pending', ''),
(162, 15, 482, 'pending', ''),
(163, 15, 483, 'returned', '2014-03-21 00:30:51'); -- ----- --
```

## -- Table structure for table `category` --

```
CREATE TABLE IF NOT EXISTS `category` (`category_id` int(11) NOT NULL AUTO_INCREMENT, `classname` varchar(50) DEFAULT NULL, PRIMARY KEY (`category_id`),
UNIQUE KEY `category_id` (`category_id`),
KEY `classid` (`category_id`)
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=801 ;
```

--

## -- Dumping data for table `category` --

```
INSERT INTO `category` (`category_id`, `classname`) VALUES (1, 'Periodical'),
(2, 'English'), (3, 'Math'),
(4, 'Science'),
(5, 'Encyclopedia'), (6, 'Filipiniana'), (7, 'Newspaper'), (8, 'General'), (9, 'References');
```

-- -----

## Table structure for table `lost\_book` --

```
CREATE TABLE IF NOT EXISTS `lost_book` (`Book_ID` int(11) NOT NULL AUTO_INCREMENT, `ISBN` int(11) NOT NULL,
`Member_No` varchar(50) NOT NULL,
`Date Lost` date NOT NULL,
PRIMARY KEY (`Book_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

• -- -----

--

## -- Table structure for table `member` --

```
CREATE TABLE IF NOT EXISTS `member` ( `member_id` int(11) NOT NULL AUTO_INCREMENT, `firstname`
varchar(100) NOT NULL,
`lastname` varchar(100) NOT NULL,
`gender` varchar(10) NOT NULL,
`address` varchar(100) NOT NULL,
`contact` varchar(100) NOT NULL,
`type` varchar(100) NOT NULL,
`year_level` varchar(100) NOT NULL,
`status` varchar(100) NOT NULL,
PRIMARY KEY (`member_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=66 ;
```

## -- Dumping data for table `member` --

```
INSERT INTO `member` (`member_id`, `firstname`, `lastname`, `gender`, `address`, `contact`, `type`, `year_level`, `status`)
VALUES
(52, 'Mark', 'Sanchez', 'Male', 'Talisay', '212010', 'Teacher', 'Faculty', 'Active'),
(53, 'April Joy', 'Aguilar', 'Female', 'E.B. Magalona', '00', 'Student', 'Second Year', 'Banned'),

(54, 'Alfonso', 'Pancho', 'Male', 'E.B. Magalona', '009', 'Student', 'First Year', 'Active'),
(55, 'Jonathan ', 'Antanilla', 'Male', 'E.B. Magalona', '0032', 'Student', 'Fourth Year', 'Active'),
(56, 'Renzo Bryan', 'Pedroso', 'Male', 'Silay City', '03030', 'Student', 'Third Year', 'Active'),
(57, 'Eleazar', 'Duterte', 'Male', 'E.B. Magalona', '90902', 'Student', 'Second Year', 'Active'),
(58, 'Ellen Mae', 'Espino', 'Female', 'E.B. Magalona', '123', 'Student', 'First Year', 'Active'),
(59, 'Ruth', 'Magbanua', 'Female', 'E.B. Magalona', '9340', 'Student', 'Second Year', 'Active'),
(60, 'Shaina Marie', 'Gabino', 'Female', 'Silay City', '132134', 'Student', 'Second Year', 'Active'),
(62, 'Chairty Joy', 'Punzalan', 'Female', 'E.B. Magalona', '12423', 'Teacher', 'Faculty', 'Active'),
(63, 'Kristine May', 'Dela Rosa', 'Female', 'Silay City', '1321', 'Student', 'Second Year', 'Active'),
(64, 'Chinie marie', 'Laborosa', 'Female', 'E.B. Magalona', '902101', 'Student', 'Second Year', 'Active'), (65, 'Ruby', 'Morante',
'Female', 'E.B. Magalona', '', 'Teacher', 'Faculty', 'Active');
```

-- -----

## -- Table structure for table `type` --

```
CREATE TABLE IF NOT EXISTS `type` (  
  `id` int(11) NOT NULL AUTO_INCREMENT, `borrowertype` varchar(50) DEFAULT NULL, PRIMARY KEY  
  (`id`),  
  KEY `borrowertype` (`borrowertype`),  
  KEY `id` (`id`)
```

```
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=42 ;
```

--

-- Dumping data for table `type` --

```
INSERT INTO `type` (`id`, `borrowertype`) VALUES (2, 'Teacher'), (20,  
'Employee'),  
(21, 'Non-Teaching'),  
  
(22, 'Student'), (32, 'Contruaction');
```

## -- Table structure for table `users` --

```
CREATE TABLE IF NOT EXISTS `users` (  
  `user_id` int(11) NOT NULL AUTO_INCREMENT, `username` varchar(100) NOT NULL,  
  `password` varchar(100) NOT NULL,  
  `firstname` varchar(100) NOT NULL,  
  `lastname` varchar(100) NOT NULL,  
  PRIMARY KEY (`user_id`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=3 ;
```

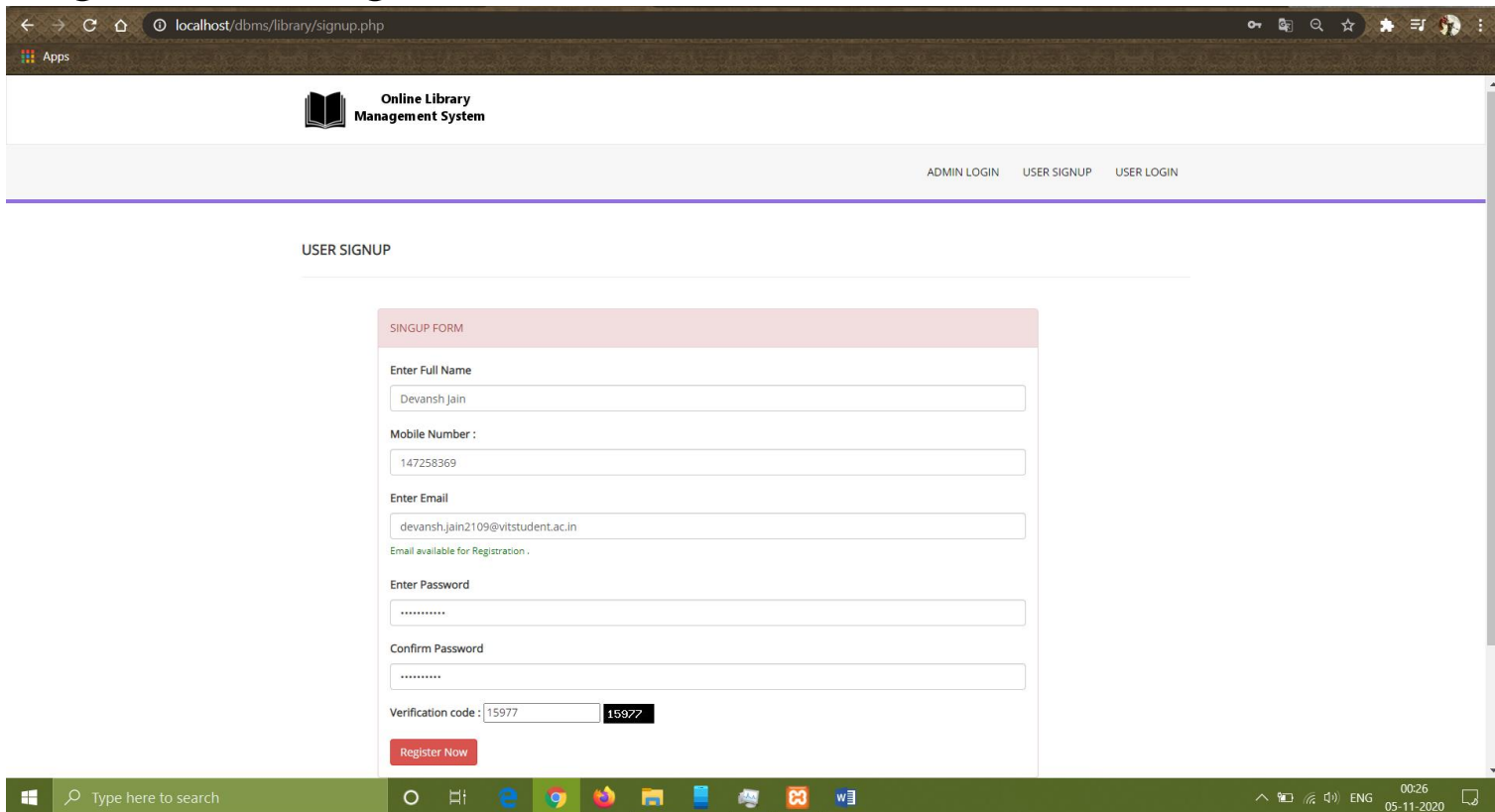
## -- Dumping data for table `users` --

```
INSERT INTO `users` (`user_id`, `username`, `password`, `firstname`, `lastname`) VALUES (2, 'admin', 'admin', 'john',  
'smith');
```



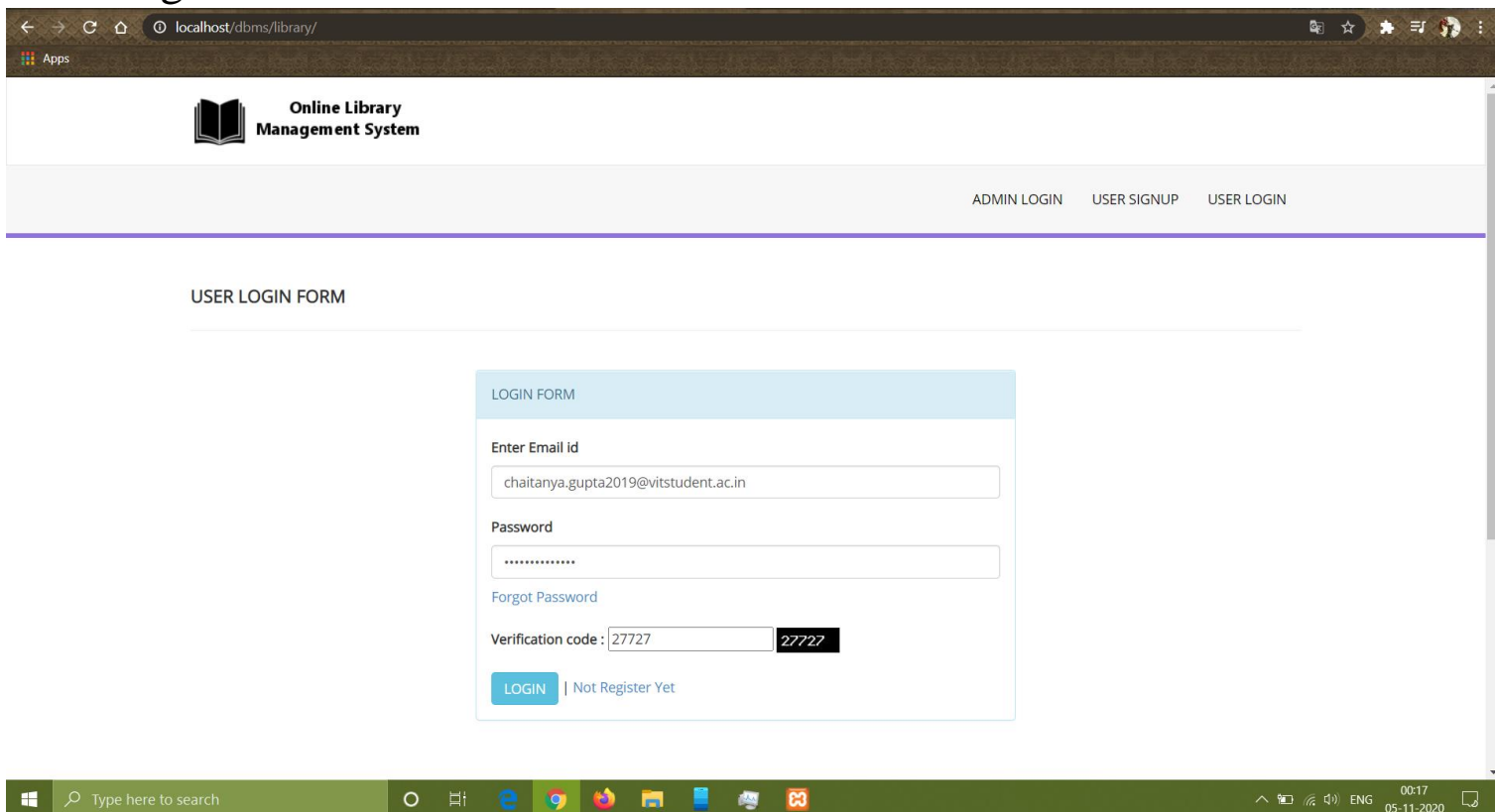
# FINAL WEB SITE LOOK

## Registration Page



The screenshot shows a web browser at the URL `localhost/dbms/library/signup.php`. The page header includes the site logo and navigation links for ADMIN LOGIN, USER SIGNUP, and USER LOGIN. The main content area is titled "USER SIGNUP" and contains a "SIGNUP FORM". The form fields are: "Enter Full Name" (filled with "Devansh Jain"), "Mobile Number :" (filled with "147258369"), "Enter Email" (filled with "devansh.jain2109@vitstudent.ac.in" and a green message "Email available for Registration."), "Enter Password" (filled with "\*\*\*\*\*"), "Confirm Password" (filled with "\*\*\*\*\*"), and "Verification code:" (with input "15977" and a black box "15977"). A red "Register Now" button is at the bottom of the form.

## User Login



The screenshot shows a web browser at the URL `localhost/dbms/library/`. The page header is identical to the registration page. The main content area is titled "USER LOGIN FORM" and contains a "LOGIN FORM". The form fields are: "Enter Email id" (filled with "chaitanya.gupta2019@vitstudent.ac.in"), "Password" (filled with "\*\*\*\*\*"), a blue link for "Forgot Password", and "Verification code:" (with input "27727" and a black box "27727"). At the bottom, there is a blue "LOGIN" button and a link "Not Register Yet".


# User Dashboard

← → ↻ 🏠

localhost/dbms/library/dashboard.php

🔑 ☆ ⚙️ 📄 👤 ⋮

Apps




Online Library Management System

LOG ME OUT


DASHBOARDACCOUNT ▾ISSUED BOOKS

ADMIN DASHBOARD



1

Book Issued



1

Books Not Returned Yet


🪟 🔍 Type here to search 🪟 📁 🌐 🦊 📅 📄 🖨️ 📧 📧 📧 ⚙️ 📄 🪟 ⬆️ 📶 🔊 ENG 00:54 05-11-2020 🗨️

← → ↻ 🏠

localhost/dbms/library/issued-books.php

☆ ⚙️ 📄 👤 ⋮

Apps



Online Library Management System

LOG ME OUT

DASHBOARDACCOUNT ▾ISSUED BOOKS

MANAGE ISSUED BOOKS

Issued Books

10 ▾ records per page Search:

#	Book Name	ISBN	Issued Date	Return Date	Fine in(USD)
1	PHP And MySql programming	222333	2017-07-15 16:29:26	Not Return Yet	

Showing 1 to 1 of 1 entries


Previous 1 Next

🪟 🔍 Type here to search 🪟 📁 🌐 🦊 📅 📄 🖨️ 📧 📧 📧 ⚙️ 📄 🪟 ⬆️ 📶 🔊 ENG 00:55 05-11-2020 🗨️

# Admin Login

localhost/dbms/library/adminlogin.php

Apps

 **Online Library Management System**

ADMIN LOGIN   USER SIGNUP   USER LOGIN

ADMIN LOGIN FORM

LOGIN FORM

Enter Username

Password

Verification code :  **54130**


[LOGIN](#)

Windows taskbar: Type here to search, 00:22, 05-11-2020

# ADMIN DASHBOARD


localhost/dbms/library/admin/dashboard.php


Apps


 **Online Library Management System** [LOG ME OUT](#)


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


ADMIN DASHBOARD


  
2  
Books Listed

  
6  
Times Book Issued

  
3  
Times Books Returned

  
6  
Registered Users

  
2  
Authors Listed

  
6  
Listed Categories

Windows taskbar: Type here to search, 02:12, 05-11-2020

localhost/dbms/library/admin/manage-authors.php

Apps

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

### MANAGE AUTHORS

Success : Author info updated successfully

Authors Listing

10 ▾ records per page Search:

#	Author	Creation Date	Updation Date	Action
1	devansh	2017-07-08 18:19:09	2020-11-05 18:32:42	<a href="#">Edit</a> <a href="#">Delete</a>
2	kartik banga	2017-07-08 20:00:23	2020-11-05 18:32:59	<a href="#">Edit</a> <a href="#">Delete</a>
3	Chaitanya	2017-07-08 20:05:08	2020-11-05 18:33:11	<a href="#">Edit</a> <a href="#">Delete</a>
4	HC Verma	2017-07-08 20:05:21		<a href="#">Edit</a> <a href="#">Delete</a>
5	R.D. Sharma	2017-07-08 20:05:36		<a href="#">Edit</a> <a href="#">Delete</a>
6	fwdfwrer	2017-07-08 20:52:03		<a href="#">Edit</a> <a href="#">Delete</a>

Type here to search

18:33 05-11-2020

localhost/dbms/library/admin/manage-categories.php

Apps

Management System

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	2017-07-05 00:05:25	2017-07-06 21:30:42	<a href="#">Edit</a> <a href="#">Delete</a>
2	Technology	Active	2017-07-05 00:05:39	2017-07-08 22:43:03	<a href="#">Edit</a> <a href="#">Delete</a>
3	Science	Active	2017-07-05 00:05:55	0000-00-00 00:00:00	<a href="#">Edit</a> <a href="#">Delete</a>
4	Management	Inactive	2017-07-05 00:06:16	0000-00-00 00:00:00	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 4 of 4 entries

Previous 1 Next

Type here to search

18:33 05-11-2020

localhost/dbms/library/admin/manage-books.php

Apps

DASHBOARD

CATEGORIES ▾

AUTHORS ▾

BOOKS ▾

ISSUE BOOKS ▾

REG STUDENTS

CHANGE PASSWORD

MANAGE BOOKS

Books Listing

10 ▾ records per page

Search:

#	Book Name	Category	Author	ISBN	Price	Action
1	PHP And MySql programming	Technology	devansh	222333	20	<a href="#">Edit</a> <a href="#">Delete</a>
2	physics	Science	HC Verma	1111	15	<a href="#">Edit</a> <a href="#">Delete</a>
3	abc	Technology	devansh	1598	50	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 3 of 3 entries

[Previous](#) [1](#) [Next](#)

localhost/dbms/library/admin/add-book.php

Apps

DASHBOARD

CATEGORIES ▾

AUTHORS ▾

BOOKS ▾

ISSUE BOOKS ▾

REG STUDENTS

CHANGE PASSWORD

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



The screenshot shows the phpMyAdmin web interface. On the left is a sidebar with a tree view of databases: 'information\_schema', 'library', 'admin', 'tblauthors' (selected), 'tblbooks', 'tblcategory', 'tblissuedbookdetails', 'tblstudents', 'mysql', 'performance\_schema', 'phpmyadmin', and 'test'. The main area is titled 'Server: 127.0.0.1 » Database: library » Table: tblauthors'. It features a top navigation bar with tabs: 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'. Below this, a green status bar indicates 'Showing rows 0 - 5 (6 total, Query took 0.0006 seconds.)'. A SQL query editor shows 'SELECT \* FROM `tblauthors`'. Below the editor are controls for 'Show all', 'Number of rows' (set to 25), 'Filter rows' (a search box), and 'Sort by key' (set to 'None'). A 'Profiling' section with links like '[Edit inline]', '[Edit]', '[Explain SQL]', '[Create PHP code]', and '[Refresh]' is also present. The table data is displayed with columns 'id', 'AuthorName', 'creationDate', and 'UpdationDate'. Each row has action links for 'Edit', 'Copy', and 'Delete'. The rows are: 1. Anuj kumar, 2. Chetan Bhagatt, 3. Anita Desai, 4. HC Verma, 5. R.D. Sharma, and 9. fudfrwer. Below the table, there are more controls for 'Check all', 'With selected', and 'Export'. At the bottom, there's a 'Query results operations' section with links for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. A 'Bookmark this SQL query' button is also visible. The bottom status bar shows the time '00:56' and date '05-11-2020'.

localhost/phpmyadmin/sql.php?server=1&db=library&table=tblissuedbookdetails&pos=0

phpMyAdmin

Server: 127.0.0.1 » Database: library » Table: tblissuedbookdetails

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 5 (6 total, Query took 0.0008 seconds.)

SELECT \* FROM `tblissuedbookdetails`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				id	BookId	StudentID	IssuesDate	ReturnDate	RetrunStatus	fine
<input type="checkbox"/>	Edit	Copy	Delete	1	1	SID002	2017-07-15 11:39:47	2017-07-15 16:45:20	1	0
<input type="checkbox"/>	Edit	Copy	Delete	2	1	SID002	2017-07-15 11:42:27	2017-07-15 16:45:23	1	5
<input type="checkbox"/>	Edit	Copy	Delete	3	3	SID002	2017-07-15 11:43:40	NULL	0	NULL
<input type="checkbox"/>	Edit	Copy	Delete	4	3	SID002	2017-07-15 11:53:23	2017-07-15 16:52:29	1	2
<input type="checkbox"/>	Edit	Copy	Delete	5	1	SID009	2017-07-15 16:29:26	NULL	0	NULL
<input type="checkbox"/>	Edit	Copy	Delete	6	3	SID011	2017-07-15 23:32:55	NULL	0	NULL

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console Let every user access this bookmark

# CONCLUSION

This website provides a computerized version of library management system which will benefit the staff of the library. It makes the entire process online where a librarian can search books. Through this project, a librarian can digitally monitor the status of books.

It also helps in maintaining a systematic and structured database for newly issued, old as well as damaged books. It also provides an opportunity to the librarian to maintain a student database and manage it accordingly, reducing the paper work.

There is a future scope of this facility that many more features such as online lectures, video tutorials can be added by teachers as well as online assignments submissions facility. A feature of group chat where students can discuss various issues can be added to this project thus making it more interactive.

# REFERENCES

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