

University of Liberal Arts Bangladesh

Course Title: Web Technologies

Course Code: CSE480

Online Library Management System

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Submission Date:

4rd May, 2024

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➤ Background Study:

Online Library Management System is an application which refers to library systems which are generally small or medium in size. It is used by librarians to manage the library using a computerized system where he/she can add new books, videos and Page sources. Books and student maintenance modules are also included in this system which would keep track of the students using the library and also a detailed description about the books a library contains. With this computerized system there will be no loss of book record or member record which generally happens when a non-computerized system is used. All these modules are able to help librarians to manage the library with more convenience and in a more efficient way as compared to library systems which are not computerized.

For developing a system we need to cover some initial study. It helps to investigate a system's background information. Also it helps to find the fault of this system so that necessary steps can be taken here to improve the project by adding and updating new features. Our main goal of this project is to get the book within a short time and without getting any trouble from any student. We developed these projects for students when they need a book by booking in online from the library.

Library Management System using PHP and MySQL is a web based application using html, CSS, JavaScript and Bootstrap. 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 and a facility of admin login .It also has a facility of admin login through which the admin can monitor the whole system. It has also a facility where students after logging in their accounts can see the list of books issued and its issue date and return date.

➤ Requirement Analysis:

Hardware and Software Requirement for our system: Whenever you install a software or a hardware for your computer, you should first make sure that your computer supports the system requirements. We need internet connection based system hardware such as computers, laptops, tablets, smart phones and so on. We have used some software tools and platform for development is describe below:

- ❖ PHP5.6, PHP7.x

- ❖ Database, MySQL 5.x

- ❖ User Interface Design: HTML, AJAX,JQUERY,JAVASCRIPT

- ❖ Web Browser: Mozilla, Google Chrome, IE8, OPERA

- ❖ XAMPP / Wamp / Mamp/ Lamp (anyone)

- ❖ LMS Project Modules

➤ Function Specification:

Online library Management System divided in two modules–

- ❖ Student
- ❖ Admin

Student:

- ❖ Students can register themselves and after registration they will get a student id.
- ❖ After login, students can view their own dashboard.
- ❖ Students can also view the listed books in the library.
- ❖ Students can update their profile.
- ❖ Students can view issued books and book return date-time.
- ❖ Students can also change their password.
- ❖ Students can also recover their own password.

Admin:

- ❖ 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

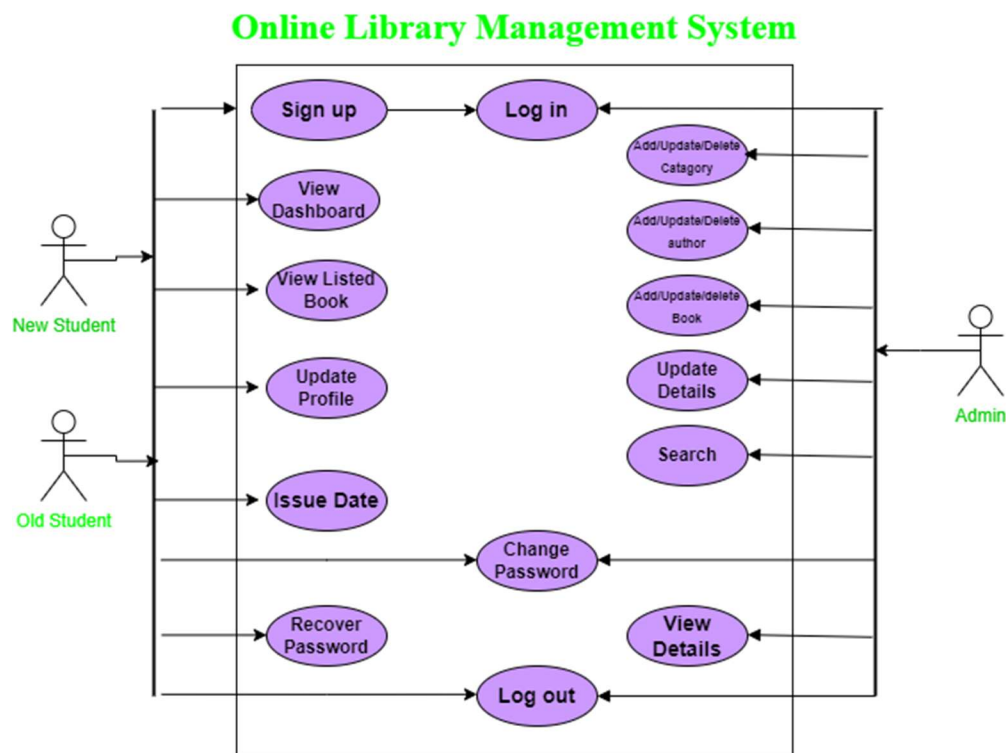


Fig: 1 Use Case Diagram

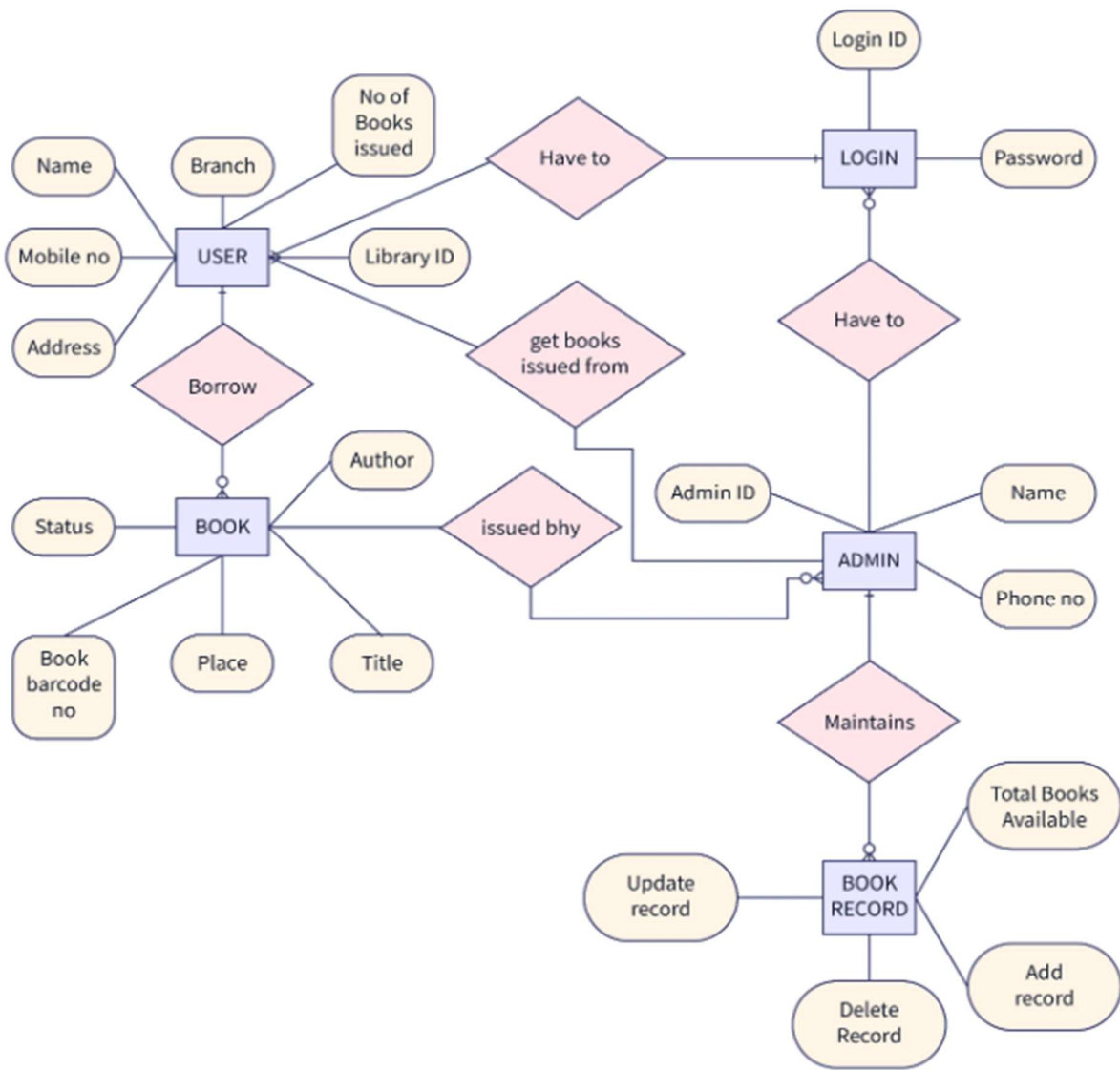


Fig: 2 ER-Diagram

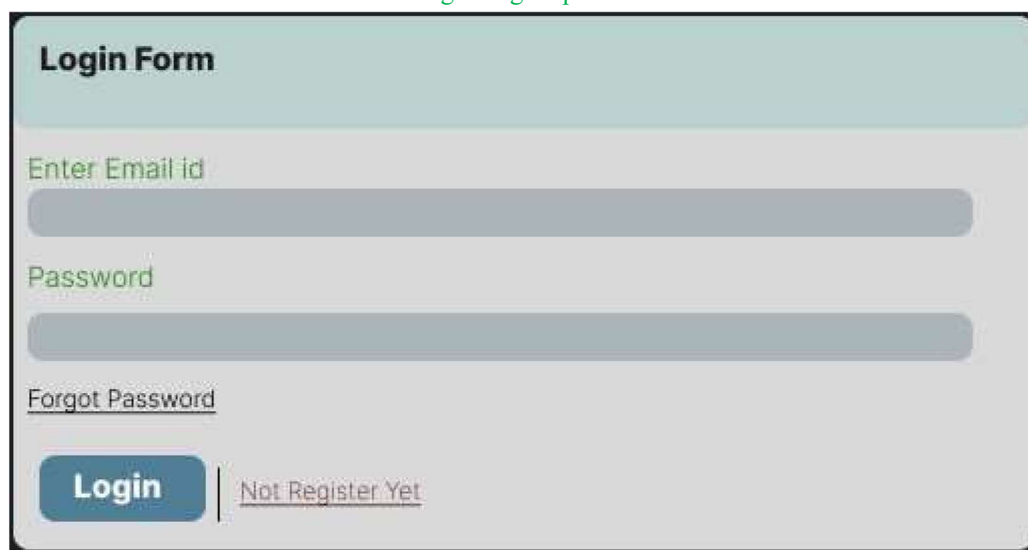
➤ System Layout: (UI Design):

The Online Library Management System using PHP and MySQL is a web-based application that is designed to automate the processes involved in library management. The system aims to provide a centralized platform for librarians, administrators, and users to efficiently manage and access library resources.



The image shows a sign-up form for an "Online Library Management System". The form is titled "Online Library Management System" in bold green text. Below the title, there are five input fields with labels: "Enter Full Name", "Mobile Number:", "Enter Email", "Password", and "Confirm Password". Each label is in a light blue font. Below the input fields, there is a red button with the text "Register Now" in white.

Fig: 2 Sign Up



The image shows a login form titled "Login Form" in bold black text. Below the title, there are two input fields with labels: "Enter Email id" and "Password". Each label is in a light green font. Below the input fields, there is a link labeled "Forgot Password" in a light blue font. At the bottom, there is a blue button with the text "Login" in white, and a link labeled "Not Register Yet" in a light blue font.

Fig: 3 Log in page



USER LOGIN FORM

Login Form

Enter Email id

Password


[Forgot Password](#)

[Not Register Yet](#)


Fig 4: Home page

Project Output Screens

Home Page

 Online Library
Management System

[HOME](#) [USER LOGIN](#) [USER SIGNUP](#) [ADMIN LOGIN](#)



USER LOGIN FORM

LOGIN FORM

Enter Email id


Password

[Forgot Password](#)

[Not Register Yet](#)

© 2022 Online Library Management System


Students (User) Dashboard

**Online Library Management System**

LOG ME OUT


DASHBOARDISSUED BOOKSACCOUNT ▾

USER DASHBOARD




9

Books Listed




0

Books Not Returned Yet



Issued Books

Listed Books


**Online Library Management System**

LOG ME OUT

DASHBOARDISSUED BOOKSACCOUNT ▾

MANAGE ISSUED BOOKS

Issued Books




PHP And MySQL programming

Technology

Anuj kumar

222333

Book Already issued




physics

Science

HC Verma

1111




Murach's MySQL

Technology

Anuj kumar

9350237695

Book Already issued




WordPress for Beginners 2022: A Visual Step-by-Step Guide to Mastering WordPress

Technology

Dr. Andy Williams

B019MO3WCM




WordPress Mastery Guide:

Technology

Kyle Hill

B09NKH77NP




Rich Dad Poor Dad: What the Rich Teach Their Kids About Money That the Poor and Middle Class Do Not

General

Robert T. Kiyosaki

B07C7MBX9




The Girl Who Drank the Moon

General

Kelly Barnhill

1B48126476




C++: The Complete Reference, 4th Edition

Technology

Herbert Schildt

007053246X



ASP.NET Core 5 for Beginners


Programming

Kyle Hill

GB536344563

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Admin Dashboard



Online Library
Management System

LOG ME OUT

DASHBOARD

CATEGORIES ▾

AUTHORS ▾


BOOKS ▾

ISSUE BOOKS ▾

REG STUDENTS


CHANGE PASSWORD

ADMIN DASHBOARD




9

Books Listed




2

Books Not Returned Yet




6

Registered Users



11

Authors Listed



6

Listed Categories

List of registered students

MANAGE REG STUDENTS

Reg Students							
10 records per page		Search:					
#	Student ID	Student Name	Email id	Mobile Number	Reg Date	Status	Action
1	SID002	Anuj kumar	anujk@gmail.com	9865472555	2022-01-02 13:23:03	Active	Inactive Details
2	SID005	sdfsdf	csfsd@dfsfs.com	8569710025	2022-01-02 13:23:03	Active	Inactive Details
3	SID009	test	test@gmail.com	2359874527	2022-01-02 13:23:03	Active	Inactive Details
4	SID010	Amit	amit@gmail.com	8585856224	2022-01-02 13:23:03	Active	Inactive Details
5	SID011	Sarita Pandey	sarita@gmail.com	4672423754	2022-01-02 13:23:03	Active	Inactive Details
6	SID012	John Doe	john@test.com	1234569870	2022-01-22 14:16:18	Active	Inactive Details
7	SID013	Md. Mizanur Rahman	mizanur.rahman.1cse@ulab.edu.bd	0177891466	2023-08-31 23:20:40	Blocked	Active Details
8	SID014	Anwar Hossain	anwar.hossain@gmail.com	0172827059	2023-09-01 00:49:07	Blocked	Active Details
9	SID015	Nur Afshana Ashrafi	afshana.ashrafi.cse@gmail.com	0182217533	2023-09-01 00:50:26	Blocked	Active Details

User password change interface

USER CHANGE PASSWORD

Change Password

Current Password

Enter Password

Confirm Password

Change

➤ Software Development Orientation:

Front End:

- ❖ HTML
- ❖ CSS
- ❖ JavaScript
- ❖ Bootstrap
- ❖ Ajax
- ❖ JQuery

Back End:

- ❖ PHP
- ❖ MySQL
- ❖ XAMPP

➤ Conclusion:

In conclusion, the development of an Online Library Management System using PHP and MySQL is a significant step towards modernizing and streamlining library operations. This project aimed to provide a user-friendly interface for both librarians and library patrons, allowing for efficient book management, user registration, and borrowing processes.

Throughout the development process, several key features were implemented, including user authentication, book search functionality, book checkout and return mechanisms, and administrative controls for librarians. The integration of a MySQL database ensures data integrity and persistence, making it possible to store and retrieve information reliably.

However, there is always room for improvement. Future enhancements to this system could include implementing a more robust search algorithm, incorporating online payment systems for fines or reservations, and enhancing the user experience through a responsive and mobile-friendly design.

In conclusion, this Online Library Management System serves as a foundation for digitizing and automating library services, making it easier for libraries to serve their patrons and manage their collections efficiently. Its adaptability and scalability make it a valuable tool for libraries of all sizes, paving the way for a more accessible and streamlined library experience in the digital age.

➤ Database Implementation

Here is the mysql part of our project where we can see some queries. We have created a proper connection between front end and back end part of our project.

Unnamed\library\admin\ - HeidiSQL 12.6.0.6765

File Edit Search Query Tools Go To Help

Database filter Table filter Host: 127.0.0.1 Database: library Table: admin Data Query* library.sql x

Unamed

- bank 78.2 MiB
 - admin 16.0 KiB
 - bankdata 69.6 MiB
 - tblauthors 16.0 KiB
 - tblbooks 16.0 KiB
 - tblcategory 16.0 KiB
 - tblissuedbookdetails 16.0 KiB
 - tblstudents 32.0 KiB
 - transformed_bank 8.5 MiB
- information_schema
- library 112.0 KiB
 - admin 16.0 KiB
 - tblauthors 16.0 KiB
 - tblbooks 16.0 KiB
 - tblcategory 16.0 KiB
 - tblissuedbookdetails 16.0 KiB
 - tblstudents 32.0 KiB
- mysql
- performance_schema
- phpmyadmin
- test

```
1 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";  
2 START TRANSACTION;  
3 SET time_zone = "+00:00";  
4 bankdata\tblaauthorstblbookstblcategorytblissuedbookdetails  
  
5  
6  
7 CREATE TABLE `admin` (  
8   `id` int(11) NOT NULL,  
9   `FullName` varchar(100) DEFAULT NULL,  
10  `AdminEmail` varchar(120) DEFAULT NULL,  
11  `UserName` varchar(100) NOT NULL,  
12  `Password` varchar(100) NOT NULL,  
13  `updationDate` timestamp NOT NULL DEFAULT '0000-00-00 00:00:00' ON UPDATE current_timestamp()  
14 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
15  
16  
17 INSERT INTO `admin` (`id`, `FullName`, `AdminEmail`, `UserName`, `Password`, `updationDate`) VALUES  
18 (1, 'Anuj Kumar', 'admin@gmail.com', 'admin', 'f925916e2754e5e03f75dd58a5733251', '2022-01-08 06:03:56');  
19  
20  
21 CREATE TABLE `tblauthors` (  
22   `id` int(11) NOT NULL,  
23   `AuthorName` varchar(159) DEFAULT NULL,  
24   `creationDate` timestamp NULL DEFAULT current_timestamp(),  
25   `UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp()  
26 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
27  
28  
29 INSERT INTO `tblauthors` (`id`, `AuthorName`, `creationDate`, `UpdationDate`) VALUES  
30 (1, 'Anuj Kumar', '2022-01-22 07:23:03', '2022-01-22 07:23:03'),  
31 (2, 'Chetan Bhagatt', '2022-01-22 07:23:03', '2022-01-22 07:23:03'),  
32 (3, 'Anita Desai', '2022-01-22 07:23:03', '2022-01-22 16:23:41'),  
33 (4, 'HC Verma', '2022-01-22 07:23:03', '2022-01-22 16:23:45'),  
34 (5, 'R.D. Sharma', '2022-01-22 07:23:03', '2022-01-22 16:23:47'),  
35 (6, 'Dr. Andy Williams', '2022-01-22 07:15:32', NULL),  
36 (7, 'KYLE HILL', '2022-01-22 07:16:34', NULL),  
37 (8, 'Robert T. Kiyosaki', '2022-01-22 07:18:38', NULL),  
38 (9, 'Kelly Barnhill', '2022-01-22 07:21:54', NULL),  
39 (10, 'Herbert Schildt', '2022-01-22 07:23:03', NULL);  
40  
41  
42  
43  
44 CREATE TABLE `tblbooks` (  
45   `id` int(11) NOT NULL,  
46   `BookName` varchar(255) DEFAULT NULL,  
47   `CatId` int(11) DEFAULT NULL,  
48   `AuthorId` int(11) DEFAULT NULL,  
49   `ISBNNumber` varchar(25) DEFAULT NULL,  
50   `BookPrice` decimal(10,2) DEFAULT NULL,  
51   `bookImage` varchar(250) NOT NULL,  
52   `isIssued` int(1) DEFAULT NULL,  
53   `RegDate` timestamp NULL DEFAULT current_timestamp(),  
54   `UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp()  
55 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
56  
57  
58  
59 INSERT INTO `tblbooks` (`id`, `BookName`, `CatId`, `AuthorId`, `ISBNNumber`, `BookPrice`, `bookImage`, `isIssued`,  
60 `RegDate`, `UpdationDate`) VALUES  
61 (1, 'PHP And MySQL programming', 5, 1, '222333', '20.00', '1efecce0ca822e40b7b673c0d79ae943f.jpg', 1, '2022-01-22 07:  
62 2022-01-22 07:23:03', '2022-01-22 07:23:03');
```


Database filter Table filter Host: 127.0.0.1 Database: library Table: admin Data Query library.sql

▼ Unnamed 78.2 MiB

- bank 16.0 KiB
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 - tblbooks 16.0 KiB
 - tblcategory 16.0 KiB
 - tblissuedbookdetails 16.0 KiB
 - tblstudents 32.0 KiB
- mysql
- performance_schema
- phpmyadmin
- test

```

58
59 INSERT INTO `tblbooks` (`id`, `BookName`, `CatId`, `AuthorId`, `ISBNNumber`, `BookPrice`, `bookImage`, `isIssued`,
60 (1, 'PHP And MySQL programming', 5, 1, '222333', '20.00', '1efecc0ca822e40b7b673c0d79ae943f.jpg', 1, '2022-01-22 07:
61 (3, 'physics', 6, 4, '1111', '15.00', 'dd8267b57e0e4fee5911cbe1a03a79.jpg', 0, '2022-01-22 07:23:03', '2022-01-22
62 (5, 'Murach's MySQL', 5, 1, '9350237695', '455.00', '5939d64655b4d2ae443830d73abc35b6.jpg', 1, '2022-01-21 16:42:11
63 (6, 'WordPress for Beginners 2022: A Visual Step-by-Step Guide to Mastering WordPress', 5, 10, 'B019MO3WCM', '100.00
64 (7, 'WordPress Mastery Guide:', 5, 11, 'B09NKWH7NP', '53.00', '90083a56014186e88ffca10286172e64.jpg', NULL, '2022-01
65 (8, 'Rich Dad Poor Dad: What the Rich Teach Their Kids About Money That the Poor and Middle Class Do Not', 8, 12, 'I
66 (9, 'The Girl Who Drank the Moon', 8, 13, '1848126476', '200.00', 'f05cd198ac9335245e1fdffa793207a7.jpg', NULL, '20
67 (10, 'C++: The Complete Reference, 4th Edition', 5, 14, '007053246X', '142.00', '36af5de9012bf8c804e499dc3c3b33a5.j
68 (11, 'ASP.NET Core 5 for Beginners', 9, 11, 'GBS36344563', '422.00', 'b1b6788016bbfab12cfdf2722604badc9.jpg', 0, '20
69
70
71 CREATE TABLE `tblcategory` (
72   `id` int(11) NOT NULL,
73   `CategoryName` varchar(150) DEFAULT NULL,
74   `Status` int(1) DEFAULT NULL,
75   `CreationDate` timestamp NULL DEFAULT current_timestamp(),
76   `UpdateDate` timestamp NULL DEFAULT '0000-00-00 00:00:00' ON UPDATE current_timestamp()
77 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
78
79
80 INSERT INTO `tblcategory` (`id`, `CategoryName`, `Status`, `CreationDate`, `UpdateDate`) VALUES
81 (4, 'Romantic', 1, '2022-01-22 07:23:03', '2022-01-22 07:23:03'),
82 (5, 'Technology', 1, '2022-01-22 07:23:03', '2022-01-22 07:23:03'),
83 (6, 'Science', 1, '2022-01-22 07:23:03', '2022-01-22 16:24:37'),
84 (7, 'Management', 1, '2022-01-22 07:23:03', '2022-01-22 16:24:35'),
85 (8, 'General', 1, '2022-01-22 07:23:03', '2022-01-22 16:24:40'),
86 (9, 'Programming', 1, '2022-01-22 07:23:03', '2022-01-22 16:24:42');
87
88
89 CREATE TABLE `tblissuedbookdetails` (
90   `id` int(11) NOT NULL,
91   `BookId` int(11) DEFAULT NULL,
92   `StudentId` int(11) DEFAULT NULL,
93   `IssuesDate` timestamp NULL DEFAULT current_timestamp(),
94   `ReturnDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp(),
95   `RetrunStatus` int(1) DEFAULT NULL,
96   `fine` int(11) DEFAULT NULL
97 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
98
99
100 INSERT INTO `tblissuedbookdetails` (`id`, `BookId`, `StudentID`, `IssuesDate`, `ReturnDate`, `RetrunStatus`, `fine`)
101 (7, 5, 'SID011', '2022-01-22 05:45:57', NULL, NULL, NULL),
102 (8, 1, 'SID002', '2022-01-22 05:59:17', '2022-01-22 06:18:08', 1, 0),
103 (9, 10, 'SID009', '2022-01-22 07:38:09', '2022-01-22 07:38:54', 1, 0),
104 (10, 11, 'SID009', '2022-01-22 08:15:02', '2022-01-22 08:15:23', 1, 0),
105 (11, 1, 'SID012', '2022-01-22 08:17:15', NULL, NULL, NULL),
106 (12, 10, 'SID012', '2022-01-22 08:18:08', '2022-01-22 08:18:22', 1, 5);
107
108
109 CREATE TABLE `tblstudents` (
110   `id` int(11) NOT NULL,
111   `StudentId` varchar(100) DEFAULT NULL,
112   `FullName` varchar(120) DEFAULT NULL,
113   `EmailId` varchar(120) DEFAULT NULL,
114   `MobileNumber` char(11) DEFAULT NULL,
115   `Password` varchar(120) DEFAULT NULL,
116   `Status` int(1) DEFAULT NULL,
117   `RegDate` timestamp NULL DEFAULT current_timestamp(),
118   `UpdateDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp()
119 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
120
121

```

Database filter Table filter Host: 127.0.0.1 Database: library Table: admin Data Query library.sql

▼ Unnamed 78.2 MiB

- bank 16.0 KiB
- admin 16.0 KiB
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- ▼ library 112.0 KiB
 - admin 16.0 KiB
 - tblauthors 16.0 KiB
 - tblbooks 16.0 KiB
 - tblcategory 16.0 KiB
 - tblissuedbookdetails 16.0 KiB
 - tblstudents 32.0 KiB
- mysql
- performance_schema
- phpmyadmin
- test

```

88
89 CREATE TABLE `tblissuedbookdetails` (
90   `id` int(11) NOT NULL,
91   `BookId` int(11) DEFAULT NULL,
92   `StudentID` int(11) DEFAULT NULL,
93   `IssuesDate` timestamp NULL DEFAULT current_timestamp(),
94   `ReturnDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp(),
95   `RetrunStatus` int(1) DEFAULT NULL,
96   `fine` int(11) DEFAULT NULL
97 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
98
99
100 INSERT INTO `tblissuedbookdetails` (`id`, `BookId`, `StudentID`, `IssuesDate`, `ReturnDate`, `RetrunStatus`, `fine`)
101 (7, 5, 'SID011', '2022-01-22 05:45:57', NULL, NULL, NULL),
102 (8, 1, 'SID002', '2022-01-22 05:59:17', '2022-01-22 06:18:08', 1, 0),
103 (9, 10, 'SID009', '2022-01-22 07:38:09', '2022-01-22 07:38:54', 1, 0),
104 (10, 11, 'SID009', '2022-01-22 08:15:02', '2022-01-22 08:15:23', 1, 0),
105 (11, 1, 'SID012', '2022-01-22 08:17:15', NULL, NULL, NULL),
106 (12, 10, 'SID012', '2022-01-22 08:18:08', '2022-01-22 08:18:22', 1, 5);
107
108
109 CREATE TABLE `tblstudents` (
110   `id` int(11) NOT NULL,
111   `StudentId` varchar(100) DEFAULT NULL,
112   `FullName` varchar(120) DEFAULT NULL,
113   `EmailId` varchar(120) DEFAULT NULL,
114   `MobileNumber` char(11) DEFAULT NULL,
115   `Password` varchar(120) DEFAULT NULL,
116   `Status` int(1) DEFAULT NULL,
117   `RegDate` timestamp NULL DEFAULT current_timestamp(),
118   `UpdateDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp()
119 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
120
121

```


Database filter Table filter Host: 127.0.0.1 Database: library Table: admin Data Query* library.sql X

▼ Unnamed 78.2 MiB

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 - tblcategory 16.0 KiB
 - tblissuedbookdetails 16.0 KiB
 - tblstudents 32.0 KiB
- mysql
- performance_schema
- phpmyadmin
- test

```

124 INSERT INTO `tblstudents` (`id`, `StudentId`, `FullName`, `EmailId`, `MobileNumber`, `Password`, `Status`, `RegDate`)
125 (1, 'SID002', 'Anuj kumar', 'anujk@gmail.com', '9865472555', 'f925916e2754e5e03f75dd58a5733251', 1, '2022-01-02 07:16:03'),
126 (4, 'SID005', 'sdfsdf', 'csfsd@dfsfs.com', '8569710025', '92228410fc8b672914e023160cf4ae8f', 1, '2022-01-02 07:23:03'),
127 (8, 'SID009', 'test', 'test@gmail.com', '2359874527', 'f925916e2754e5e03f75dd58a5733251', 1, '2022-01-02 07:23:03'),
128 (9, 'SID010', 'Amit', 'amit@gmail.com', '8585856224', 'f925916e2754e5e03f75dd58a5733251', 1, '2022-01-02 07:23:03'),
129 (10, 'SID011', 'Sarita Pandey', 'sarita@gmail.com', '4672423754', 'f925916e2754e5e03f75dd58a5733251', 1, '2022-01-02 08:16:03'),
130 (11, 'SID012', 'John Doe', 'john@test.com', '1234569870', 'f925916e2754e5e03f75dd58a5733251', 1, '2022-01-22 08:16:03');
131
132
133 ALTER TABLE `admin`
134 ADD PRIMARY KEY (`id`);
135
136
137 ALTER TABLE `tblauthors`
138 ADD PRIMARY KEY (`id`);
139
140
141 ALTER TABLE `tblbooks`
142 ADD PRIMARY KEY (`id`);
143
144
145 ALTER TABLE `tblcategory`
146 ADD PRIMARY KEY (`id`);
147
148
149 ALTER TABLE `tblissuedbookdetails`
150 ADD PRIMARY KEY (`id`);
151
152
153 ALTER TABLE `tblstudents`
154 ADD PRIMARY KEY (`id`),
155 ADD UNIQUE KEY `StudentId` (`StudentId`);
156
157

```

Database filter Table filter Host: 127.0.0.1 Database: library Table: admin Data Query* library.sql X

▼ Unnamed 78.2 MiB

- bank 16.0 KiB
- admin 16.0 KiB
- bankdata 69.6 MiB
- tblauthors 16.0 KiB
- tblbooks 16.0 KiB
- tblcategory 16.0 KiB
- tblissuedbookdetails 16.0 KiB
- tblstudents 32.0 KiB
- transformed_bank 8.5 MiB
- information_schema
- ▼ library 112.0 KiB
 - admin 16.0 KiB
 - tblauthors 16.0 KiB
 - tblbooks 16.0 KiB
 - tblcategory 16.0 KiB
 - tblissuedbookdetails 16.0 KiB
 - tblstudents 32.0 KiB
- mysql
- performance_schema
- phpmyadmin
- test

```

148 ALTER TABLE `tblissuedbookdetails`
149 ADD PRIMARY KEY (`id`);
150
151
152
153 ALTER TABLE `tblstudents`
154 ADD PRIMARY KEY (`id`),
155 ADD UNIQUE KEY `StudentId` (`StudentId`);
156
157
158 ALTER TABLE `admin`
159 MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;
160
161
162 ALTER TABLE `tblauthors`
163 MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=16;
164
165
166 ALTER TABLE `tblbooks`
167 MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=12;
168
169
170 ALTER TABLE `tblcategory`
171 MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;
172
173
174 ALTER TABLE `tblissuedbookdetails`
175 MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=13;
176
177 ALTER TABLE `tblstudents`
178 MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=12;
179 COMMIT;
180

```

Here is the table and data on admin:

Columns: + Add ✕ Remove ▲ Up ▼ Down									
#	Name	Datatype	Length/Set	Unsign...	Allow N...	Zerofill	Default	Comment	Collation
1	id	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...		
2	FullName	VARCHAR	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
3	AdminEmail	VARCHAR	120	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
4	UserName	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		latin1_swedish_ci
5	Password	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		latin1_swedish_ci
6	updatationDate	TIMESTAMP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'0000-00-00 00:00...		

Host: 127.0.0.1	Database: library	Table: admin	Data	Query*	library.sql* ✕
-----------------	-------------------	--------------	------	--------	----------------

library.admin: 1 rows total (exact) » Next ⬅ Show all

#	id	FullName	AdminEmail	UserName	Password	updatationDate
1	1	Anuj Kumar	admin@gmail.com	admin	bee6a45a7983954e75c3870cd0f4582f	2023-08-31 23:17:40

Here is the table and data of authors:

Columns: + Add ✕ Remove ▲ Up ▼ Down									
#	Name	Datatype	Length/Set	Unsign...	Allow N...	Zerofill	Default	Comment	Collation
1	id	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...		
2	AuthorName	VARCHAR	159	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
3	creationDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	current_timestam...		
4	UpdatationDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL ON UPDAT...		

Host: 127.0.0.1	Database: library	Table: tblauthors	Data	Query*	library.sql* ✕
-----------------	-------------------	-------------------	------	--------	----------------

library.tblauthors: 11 rows total (exact) »

#	id	AuthorName	creationDate	UpdatationDate
1	1	Md. Mizanur Rahman	2022-01-22 13:23:03	2024-05-04 15:04:41
2	2	Chetan Bhagatt	2022-01-22 13:23:03	2022-01-22 13:23:03
3	3	Anita Desai	2022-01-22 13:23:03	2022-01-22 22:23:41
4	4	HC Verma	2022-01-22 13:23:03	2022-01-22 22:23:45
5	5	R.D. Sharma	2022-01-22 13:23:03	2022-01-22 22:23:47
6	9	fwdfrwer	2022-01-22 13:23:03	2022-01-22 22:23:55
7	10	Dr. Andy Williams	2022-01-22 13:15:32	(NULL)
8	11	Kyle Hill	2022-01-22 13:16:34	(NULL)
9	12	Robert T. Kiyosak	2022-01-22 13:18:38	(NULL)
10	13	Kelly Barnhill	2022-01-22 13:21:54	(NULL)
11	14	Herbert Schildt	2022-01-22 13:23:03	(NULL)

Here is the table and data of books section:

Columns: + Add ✖ Remove ▲ Up ▼ Down

#	Name	Datatype	Length/Set	Unsign...	Allow N...	Zerofill	Default	Comment	Collation
1	id	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...		
2	BookName	VARCHAR	255	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
3	CatId	INT	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
4	AuthorId	INT	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
5	ISBNNumber	VARCHAR	25	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
6	BookPrice	DECIMAL	10,2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
7	bookImage	VARCHAR	250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No default		latin1_swedish_ci
8	isIssued	INT	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
9	RegDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	current_timestam...		
10	UpdationDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL ON UPDAT...		

Host: 127.0.0.1 Database: library Table: tblbooks Data Query* library.sql* X

library.tblbooks: 9 rows total (exact)

Next Show all Sorting Columns (10/10) Filter

#	id	BookName	CatId	AuthorId	ISBNNumber	BookPrice	bookImage	isIssued	RegDate
1	1	PHP And MySql programming	5	1	222333	20.0	1efecc0ca822e40b7b673cd79ae943f.jpg	1	2022-01-22
2	3	physics	6	4	1111	15.0	dd8267b57e0e4fee5911cb1e1a03a79.jpg	0	2022-01-22
3	5	Murach's MySQL	5	1	9350237695	455.0	5939d64655b4d2ae443830d73abc35b6.jpg	1	2022-01-22
4	6	WordPress for Beginners 2022: A Visual Step-by-Step Gu...	5	10	8019MO3WCM	100.0	144ab706ba1cb9f6c23fd6ae9c0502b3.jpg	(NULL)	2022-01-22
5	7	WordPress Mastery Guide:	5	11	B09NKWH7NP	53.0	90083a56014186e88ffca10286172e64.jpg	(NULL)	2022-01-22
6	8	Rich Dad Poor Dad: What the Rich Teach Their Kids Abou...	8	12	B07C7M8SX9	120.0	52411b2bd2a6b2e0df3eb10943a5b640.jpg	(NULL)	2022-01-22
7	9	The Girl Who Drank the Moon	8	13	1848126476	200.0	f05cd198ac9335245e1fdffa793207a7.jpg	(NULL)	2022-01-22
8	10	C++: The Complete Reference, 4th Edition	5	14	007053246X	142.0	36af5de9012bf8c804e499dc3c3b33a5.jpg	0	2022-01-22
9	11	ASP.NET Core 5 for Beginners	9	11	GBSJ36344563	422.0	b1b6788016bbfab12cfd2722604badc9.jpg	0	2022-01-22

Here is the table and data of category:

Columns: + Add ✖ Remove ▲ Up ▼ Down

#	Name	Datatype	Length/Set	Unsign...	Allow N...	Zerofill	Default	Comment	Collation
1	id	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...		
2	CategoryName	VARCHAR	150	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
3	Status	INT	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
4	CreationDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	current_timestam...		
5	UpdationDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	'0000-00-00 00:00...		

Host: 127.0.0.1 Database: library Table: tblcategory Data Query* library.sql* X

library.tblcategory: 6 rows total (exact)

Next

#	id	CategoryName	Status	CreationDate	UpdationDate
1	4	Romantic	1	2022-01-22 13:23:03	2022-01-22 13:23:03
2	5	Technology	1	2022-01-22 13:23:03	2022-01-22 13:23:03
3	6	Science	1	2022-01-22 13:23:03	2022-01-22 22:24:37
4	7	Management	1	2022-01-22 13:23:03	2022-01-22 22:24:35
5	8	General	1	2022-01-22 13:23:03	2022-01-22 22:24:40
6	9	Programming	1	2022-01-22 13:23:03	2022-01-22 22:24:42

Here is the table and data of issued book section:

Columns: + Add ✕ Remove ▲ Up ▼ Down

#	Name	Datatype	Length/Set	Unsign...	Allow N...	Zerofill	Default	Comment	Collation
1	id	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...		
2	BookId	INT	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
3	StudentID	VARCHAR	150	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
4	IssuesDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	current_timestam...		
5	ReturnDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL ON UPDAT...		
6	RetrunStatus	INT	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
7	fine	INT	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		

Host: 127.0.0.1 Database: library Table: tblissuedbookdetails Data Query* library.sql* X

library.tblissuedbookdetails: 6 rows total (exact) » Next

#	id	BookId	StudentID	IssuesDate	ReturnDate	RetrunStatus	fine
1	7	5	SID011	2022-01-22 11:45:57	(NULL)	(NULL)	(NULL)
2	8	1	SID002	2022-01-22 11:59:17	2022-01-22 12:18:08	1	0
3	9	10	SID009	2022-01-22 13:38:09	2022-01-22 13:38:54	1	0
4	10	11	SID009	2022-01-22 14:15:02	2022-01-22 14:15:23	1	0
5	11	1	SID012	2022-01-22 14:17:15	(NULL)	(NULL)	(NULL)
6	12	10	SID012	2022-01-22 14:18:08	2022-01-22 14:18:22	1	5

Here is the table and data of student section:

Columns: + Add ✕ Remove ▲ Up ▼ Down

#	Name	Datatype	Length/Set	Unsign...	Allow N...	Zerofill	Default	Comment	Collation
1	id	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...		
2	StudentId	VARCHAR	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
3	FullName	VARCHAR	120	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
4	EmailId	VARCHAR	120	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
5	MobileNumber	CHAR	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
6	Password	VARCHAR	120	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		latin1_swedish_ci
7	Status	INT	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		
8	RegDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	current_timestam...		
9	UpdationDate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL ON UPDAT...		

Host: 127.0.0.1 Database: library Table: tblstudents Data Query* library.sql* X

library.tblstudents: 9 rows total (exact) » Next Show all ▼ Sorting ▼ Columns (9/9) ▼ Filter

#	id	StudentId	FullName	EmailId	MobileNumber	Password	Status	RegDate	Upda
1	1	SID002	Anuj kumar	anujk@gmail.com	9865472555	f925916e2754e5e03f75dd58a5733251	1	2022-01-02 13:23:03	2022
2	4	SID005	sdfsd	csfsd@dfsfs.com	8569710025	92228410fc8b872914e023160cf4ae8f	1	2022-01-02 13:23:03	2022
3	8	SID009	test	test@gmail.com	2359874527	827ccb0eea8a706c4c34a16891f84e7b	1	2022-01-02 13:23:03	2022
4	9	SID010	Amit	amit@gmail.com	8585856224	f925916e2754e5e03f75dd58a5733251	1	2022-01-02 13:23:03	2022
5	10	SID011	Sarita Pandey	sarita@gmail.com	4672423754	f925916e2754e5e03f75dd58a5733251	1	2022-01-02 13:23:03	2022
6	11	SID012	John Doe	john@test.com	1234569870	f925916e2754e5e03f75dd58a5733251	1	2022-01-22 14:16:18	(NUL
7	12	SID013	Md. Mizanur Rahman	mizanur.rahman.1cse@ulab.edu.bd	0177891466	bee6a45a7983954e75c3870cd0f4582f	0	2023-08-31 23:20:40	2022
8	13	SID014	Anwar Hossain	anwar.hossain.@gmail.com	0172827059	bee6a45a7983954e75c3870cd0f4582f	1	2023-09-01 00:49:07	2022
9	14	SID015	Nur Afshana Ashrafi	afshana.ashrafi.cse@gmail.com	0182217533	bee6a45a7983954e75c3870cd0f4582f	1	2023-09-01 00:50:26	2022

➤ Code Implementation:

Here is the some coding part of our project:

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
adminlogin.php X
G: > ULAB > 13th semester > CSE480 > Project > library > adminlogin.php
1 <?php
2 session_start();
3 error_reporting(0);
4 include('includes/config.php');
5 if($_SESSION['alogin']!=''){
6 $_SESSION['alogin']='';
7 }
8 if(isset($_POST['login']))
9 {
10 $username=$_POST['username'];
11 $password=md5($_POST['password']);
12 $sql ="SELECT UserName,Password FROM admin WHERE UserName=:username and Password=:password";
13 $query= $dbh->prepare($sql);
14 $query->bindParam(':username', $username, PDO::PARAM_STR);
15 $query->bindParam(':password', $password, PDO::PARAM_STR);
16 $query->execute();
17 $results=$query->fetchAll(PDO::FETCH_OBJ);
18 if($query->rowCount() > 0)
19 {
20 $_SESSION['alogin']=$_POST['username'];
21 echo "<script type='text/javascript'> document.location = 'admin/dashboard.php'; </script>";
22 } else{
23 echo "<script>alert('Invalid Details');</script>";
24 }
25 }
26 ?>
27 <!DOCTYPE html>
28 <html xmlns="http://www.w3.org/1999/xhtml">
29 <head>
30 <meta charset="utf-8" />
31 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1" />
```

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
adminlogin.php X
G: > ULAB > 13th semester > CSE480 > Project > library > adminlogin.php
29 <head>
31 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1" />
32 <meta name="description" content="" />
33 <meta name="author" content="" />
34 <title>Online Library Management System</title>
35 <!-- BOOTSTRAP CORE STYLE -->
36 <link href="assets/css/bootstrap.css" rel="stylesheet" />
37 <!-- FONT AWESOME STYLE -->
38 <link href="assets/css/font-awesome.css" rel="stylesheet" />
39 <!-- CUSTOM STYLE -->
40 <link href="assets/css/style.css" rel="stylesheet" />
41 <!-- GOOGLE FONT -->
42 <link href="http://fonts.googleapis.com/css?family=Open+Sans" rel="stylesheet" type="text/css" />
43 </head>
44 <body>
45 <!--MENU SECTION START-->
46 <?php include('includes/header.php');?>
47 <!-- MENU SECTION END-->
48 <div class="content-wrapper">
49 <div class="container">
50 <div class="row pad-botm">
51 <div class="col-md-12">
52 <h4 class="header-line">ADMIN LOGIN FORM</h4>
53 </div>
54 </div>
55 </div>
56 <!--LOGIN PANEL START-->
57 <div class="row">
58 <div class="col-md-6 col-sm-6 col-xs-12 col-md-offset-3">
59 <div class="panel panel-info">
```

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

adminlogin.php X
G: > ULAB > 13th semester > CSE480 > Project > library > adminlogin.php

56
57 <!--LOGIN PANEL START-->
58 <div class="row">
59 <div class="col-md-6 col-sm-6 col-xs-12 col-md-offset-3">
60 <div class="panel panel-info">
61 <div class="panel-heading">
62 LOGIN FORM
63 </div>
64 <div class="panel-body">
65 <form role="form" method="post">
66
67 <div class="form-group">
68 <label>Enter Username</label>
69 <input class="form-control" type="text" name="username" autocomplete="off" required />
70 </div>
71 <div class="form-group">
72 <label>Password</label>
73 <input class="form-control" type="password" name="password" autocomplete="off" required />
74 </div>
75
76 <button type="submit" name="login" class="btn btn-info">LOGIN </button>
77 </form>
78 </div>
79 </div>
80 </div>
81 </div>
82 <!--LOGIN PABNEL END-->
83
84
85 </div>
86 </div>
```

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

adminlogin.php X
G: > ULAB > 13th semester > CSE480 > Project > library > adminlogin.php

69 <input class="form-control" type="text" name="username" autocomplete="off" required />
70 </div>
71 <div class="form-group">
72 <label>Password</label>
73 <input class="form-control" type="password" name="password" autocomplete="off" required />
74 </div>
75
76 <button type="submit" name="login" class="btn btn-info">LOGIN </button>
77 </form>
78 </div>
79 </div>
80 </div>
81 </div>
82 <!--LOGIN PABNEL END-->
83
84
85 </div>
86 </div>
87 <!-- CONTENT WRAPPER SECTION END-->
88 <?php include('includes/footer.php');?>
89 <!-- FOOTER SECTION END-->
90 <script src="assets/js/jquery-1.10.2.js"></script>
91 <!-- BOOTSTRAP SCRIPTS -->
92 <script src="assets/js/bootstrap.js"></script>
93 <!-- CUSTOM SCRIPTS -->
94 <script src="assets/js/custom.js"></script>
95 </script>
96 </body>
97 </html>
98
```

Here is the github link of our project where all resources are uploaded:

<https://github.com/Mizanur1692000/Online-Library-Management-System>

Here is the some css code of our project:

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
adminlogin.php # style.css X
G:\ULAB > 13th semester > CSE480 > Project > library > admin > assets > css > # style.css > ...
1
2 /* =====
3 GENERAL STYLES
4 ===== */
5
6 body {
7     font-family: 'Open Sans', sans-serif;
8     line-height: 28px;
9 }
10
11 .set-radius-zero {
12     border-radius: 0px;
13     -moz-border-radius: 0px;
14     -webkit-border-radius: 0px;
15 }
16 .content-wrapper {
17     margin-top: 40px;
18     min-height: 800px;
19     padding-bottom: 90px;
20 }
21 .header-line {
22     font-weight: 900;
23     padding-bottom: 25px;
24     border-bottom: 1px solid #eeeeee;
25     text-transform: uppercase;
26 }
27 .pad-botm {
28     padding-bottom: 30px;
29 }
30
31
```

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
adminlogin.php # style.css X
G:\ULAB > 13th semester > CSE480 > Project > library > admin > assets > css > # style.css > ...
30
31
32 /* =====
33 NAVBAR & MENU STYLES
34 ===== */
35
36 .right-div {
37     float: right;
38     padding: 20px;
39 }
40 #menu-top a {
41     color: #000;
42     text-decoration: none;
43     font-weight: 500;
44     padding: 25px 15px 25px 15px;
45     text-transform: uppercase;
46 }
47
48 .menu-section {
49     background-color: #f7f7f7;
50     border-bottom: 5px solid #9170E4;
51     width: 100%;
52 }
53 .menu-top-active {
54     background-color: #eeeeee;
55 }
56 .navbar-inverse {
57     background-color: #FFF;
58     border-color: rgba(155, 153, 153, 0.23);
59 }
60
```

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
adminlogin.php # style.css X
G:\ULAB > 13th semester > CSE480 > Project > library > admin > assets > css > # style.css > ...
56 .navbar-inverse {
57 }
58
59
60
61
62 .navbar {
63     min-height: 90px;
64     margin-bottom: 0px;
65 }
66
67 .navbar-inverse .navbar-collapse, .navbar-inverse .navbar-form {
68     border-color: transparent;
69 }
70 .navbar-toggle {
71     background-color: #000;
72     border: 1px solid #000;
73 }
74
75 /* =====
76 DASHBOARD STYLES
77 ===== */
78
79 .img-comments {
80     border: 3px double #e1e1e1;
81     height: 60px;
82 }
83
84
85 .chat-widget-main {
86     max-height: 330px;
87     overflow: auto;
88 }
89
```

```
File Edit Selection View Go Run ... Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
adminlogin.php # style.css X
G:\ULAB > 13th semester > CSE480 > Project > library > admin > assets > css > # style.css > ...
79 .img-comments {
80     height: 60px;
81 }
82
83
84
85 .chat-widget-main {
86     max-height: 330px;
87     overflow: auto;
88 }
89
90 .slide-bdr {
91     border: 5px solid #9170E4;
92 }
93 .chat-widget-left:after {
94     top: 100%;
95     left: 10%;
96     border: solid transparent;
97     content: " ";
98     position: absolute;
99     border-top-color: #f70e62;
100     border-width: 15px;
101     margin-left: -15px;
102 }
103
104 .chat-widget-left {
105     width: 100%;
106     height: auto;
107     padding: 15px;
108     -webkit-border-radius: 5px;
109     -moz-border-radius: 5px;
110     border-radius: 5px;
111 }
```

```
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adminlogin.php # style.css X
G: > ULAB > 13th semester > CSE480 > Project > library > admin > assets > css > # style.css > ...
184 .chat-widget-left {
185     width: 100%;
186     height: auto;
187     padding: 15px;
188     -webkit-border-radius: 5px;
189     -moz-border-radius: 5px;
190     border-radius: 5px;
191     position: relative;
192     border: 1px solid #F70E62;
193     font-size: 12px;
194 }
195 .chat-widget-right:after {
196     top: 100%;
197     right: 10%;
198     border: solid transparent;
199     content: " ";
200     position: absolute;
201     border-top-color: #5AA8CC;
202     border-width: 15px;
203     margin-left: -15px;
204 }
205 .chat-widget-right {
206     width: 100%;
207     height: auto;
208     padding: 15px;
209     -webkit-border-radius: 5px;
210     -moz-border-radius: 5px;
211     border-radius: 5px;
212     position: relative;
213     border: 1px solid #5AA8CC;
```

```
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adminlogin.php # style.css X
G: > ULAB > 13th semester > CSE480 > Project > library > admin > assets > css > # style.css > ...
126 .chat-widget-right {
127     border: 1px solid #5AA8CC;
128     font-size: 12px;
129 }
130
131 .chat-widget-name-left {
132     color: #808080;
133     margin-top: 30px;
134     margin-left: 60px;
135     text-align: left;
136 }
137
138 .img-left-chat {
139     border: 3px double #e1e1e1;
140     float: left;
141     margin-right: 30px;
142 }
143
144 .img-right-chat {
145     border: 3px double #e1e1e1;
146     float: right;
147     margin-left: 30px;
148 }
149
150 .chat-widget-main img-right {
151     border: 3px double #e1e1e1;
152     float: left;
153 }
154
155 .chat-widget-name-left h4 {
156     font-weight: normal;
157     font-size: 11px;
158 }
```

```
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adminlogin.php # style.css X
G: > ULAB > 13th semester > CSE480 > Project > library > admin > assets > css > # style.css > ...
176 .chat-widget-name-right {
177 }
178
179 .recent-users-sec img {
180     max-height: 80px;
181     margin: 15px;
182 }
183
184 .back-widget-set {
185     background-color: transparent;
186 }
187
188 /* =====
189 FOOTER SECTION STYLES
190 ===== */
191
192 .footer-section {
193     padding: 25px 50px 25px 50px;
194     color: #000;
195     font-size: 13px;
196     background-color: #f7f7f7;
197     text-align: right;
198     border-top: 5px solid #9170E4;
199 }
200
201 .footer-section a, .footer-section a:hover {
202     color: #000;
203 }
```


➤ Planned vs Actual:

We have planned to do a well-planned and well-designed online library management system where have a lot of features. Our plan was to develop such a system from where students can see the book list and can borrow books from the library. Students also can see the category with the author name of books. We are able to develop the system accurately. From our project admin can able to log in and see a dashboard. Admin can also see how many student which type of books borrowed already and which books are remain in the library. Admin can add, update and remove books. Student and Admin will be able to change their password if they think something has happened with their account. The organization of our project is outstanding. But there is some security issues. We could not ensure the security issue yet. We are trying to fix it. We also face another problem. When we were developing our project we saw new student registration was not working. We hope we will be able to fix it soon. We are still working on the system and our upgrading process is ongoing.

➤ Contribution:

- ❖ Front-end: Md. Mizanur Rahman, Morium Begum
- ❖ Back-end: Md. Mizanur Rahman, Anik Paul Shuvo
- ❖ Report: Md. Mizanur Rahman, Anik Paul Shuvo, Morium Begum