



# ONLINE LIBRARY MANAGEMENT SYSTEM (BIBLIOPHILE)

# OBJECTIVE

- The major goal of the online library management system is to provide a computerized system to manage all of the library's everyday tasks. It has two sides: a student/teacher side and a user side.



# USER SIDE

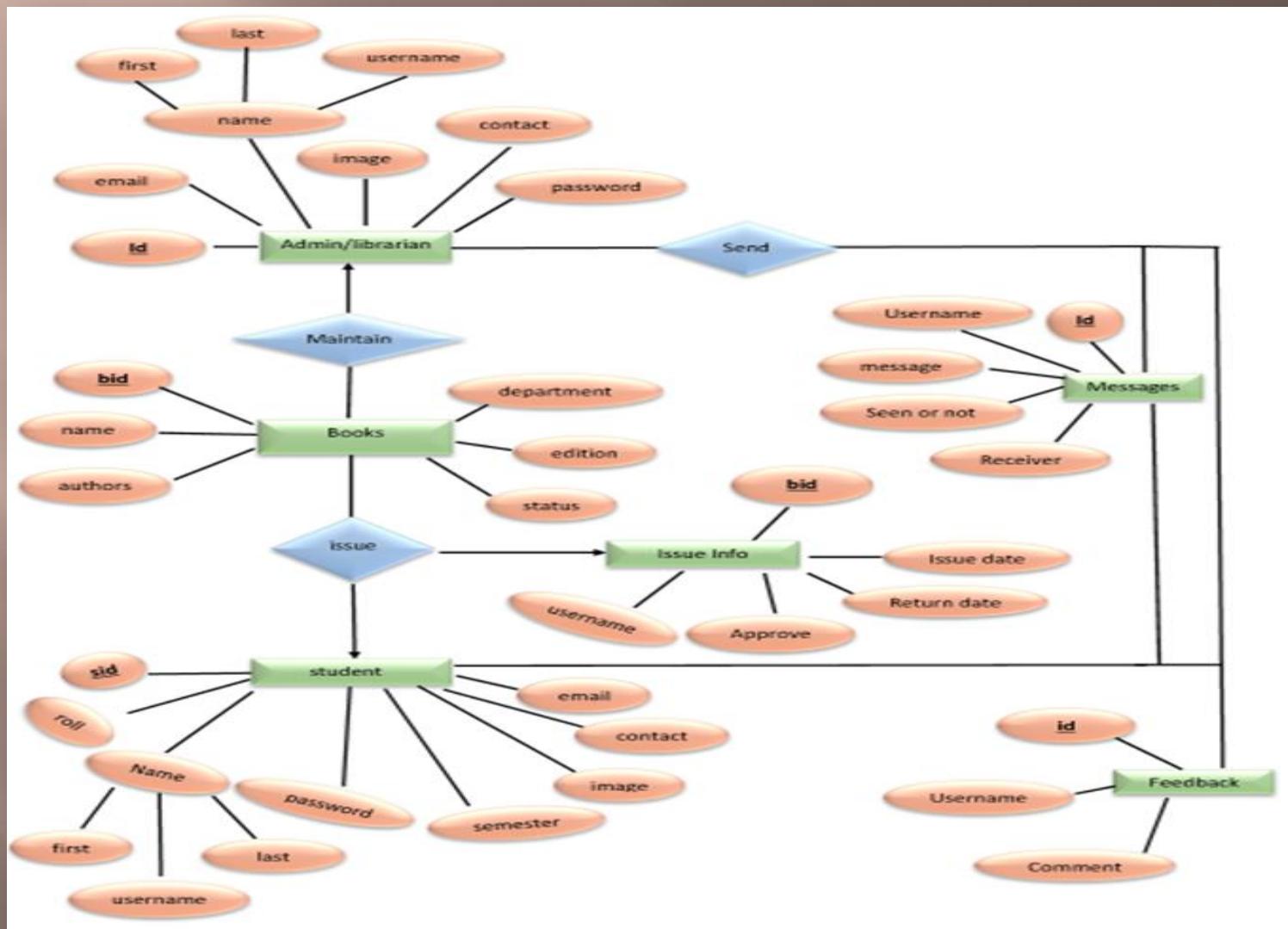
- Every feature of this website is only available to registered users.
- They can view and edit their personal information by logging into their account.
- They can use a name search or a department search to find a book.
- A book can be ordered with ease.
- Following admin approval, the issue and return dates are displayed next to the book's title.

# ADMIN SIDE

- Admin can discover which student has ordered which particular book.



# ER DIAGRAM



# TECHNICAL DETAILS

- The front end website is made using HTML CSS and Sublime text.
- The Backend of this website is made using php and MySQL database through XAMPP server
- A responsive and user-friendly interface has been created for easy navigation.
- The databases are created and updated using phpmyadmin .
- The website is run using local host of Xampp Apache and MySQL server.

# WEBSITE HOME PAGE

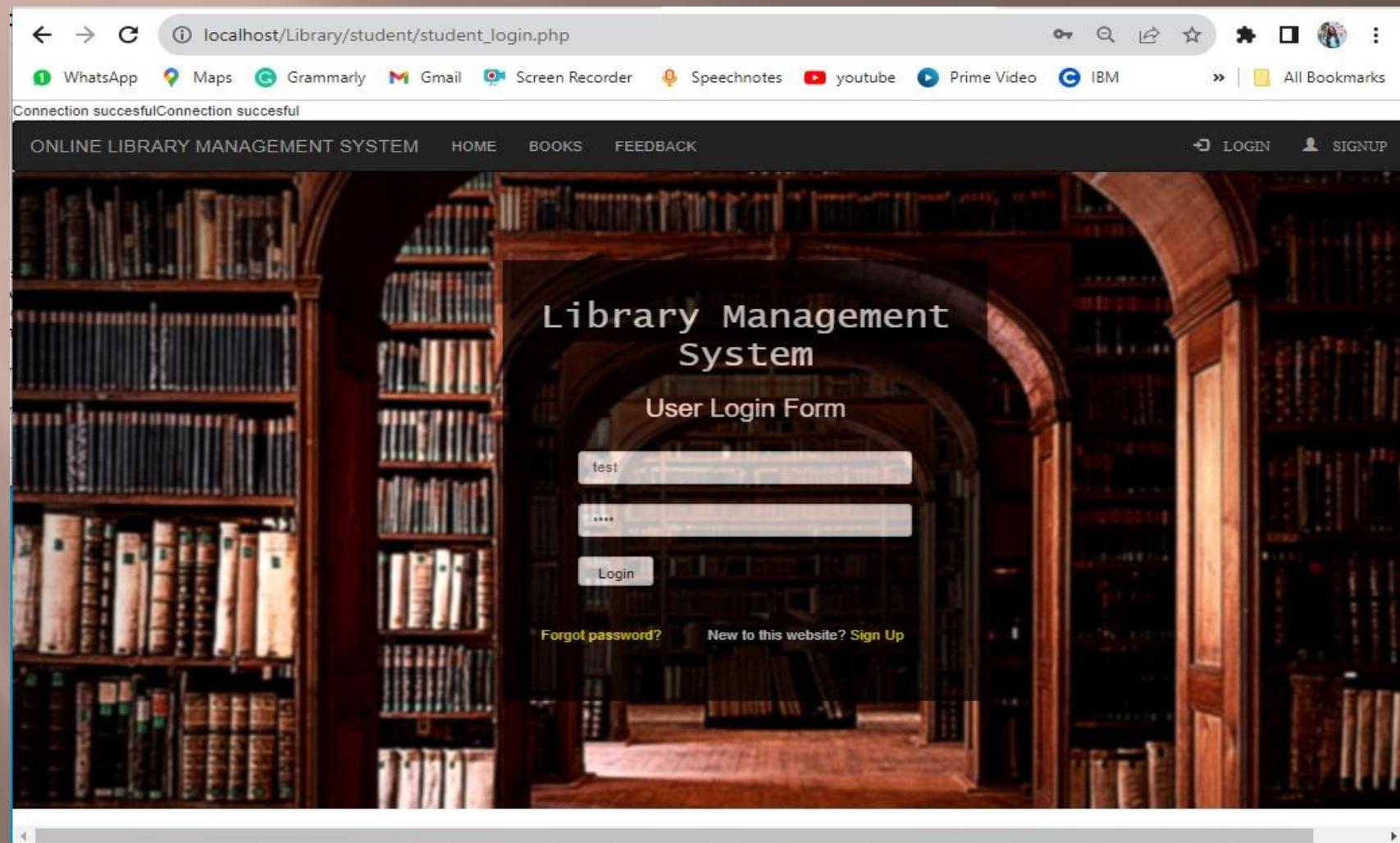
The screenshot shows a web browser window with the URL `localhost/Library/student/` in the address bar. The page itself has a dark background featuring a large image of a library interior with bookshelves and a ladder. Overlaid on this image is the text "Welcome to Bibliophile" in large, bold, white letters, followed by "Open 24/7" and "Experience the magical world of books!" in a slightly smaller font. At the top of the page, there is a navigation bar with various links: WhatsApp, Maps, Grammarly, Gmail, Screen Recorder, Speechnotes, youtube, Prime Video, IBM, and Harvard. Below the navigation bar, there is a logo for "BIBLIOPHILE" (a yellow circular emblem with a book and a quill) and a menu with links for HOME, BOOKS, LOGIN, SIGN-UP, and FEEDBACK.

Welcome to Bibliophile  
Open 24/7  
Experience the magical world of books!

phoneno us through social media

Email: Online.library@gmail.com | Mobile: 9845787348

# USER LOGIN FORM(USER SIDE)



# REGISTRATION FORM FOR NEW USERS(USER SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/student/registration.php` in the address bar. The page title is "Connection successful". The main content area features a dark background with a bookshelf image. At the top, there is a navigation bar with links for "ONLINE LIBRARY MANAGEMENT SYSTEM", "HOME", "BOOKS", "FEEDBACK", "LOGIN", and "SIGNUP". Below this is a heading "Library Management System" and a sub-heading "User Registration Form". The form consists of several input fields: a first name field containing "test2", a last name field containing "case", a middle name field containing "test2", a password field containing "\*\*\*\*", an email field containing "test@gmail.com", and a phone number field containing "987877899". A "Sign Up" button is located at the bottom of the form.

Connection successful

ONLINE LIBRARY MANAGEMENT SYSTEM    HOME    BOOKS    FEEDBACK    LOGIN    SIGNUP

Library Management System

User Registration Form

test2

case

test2

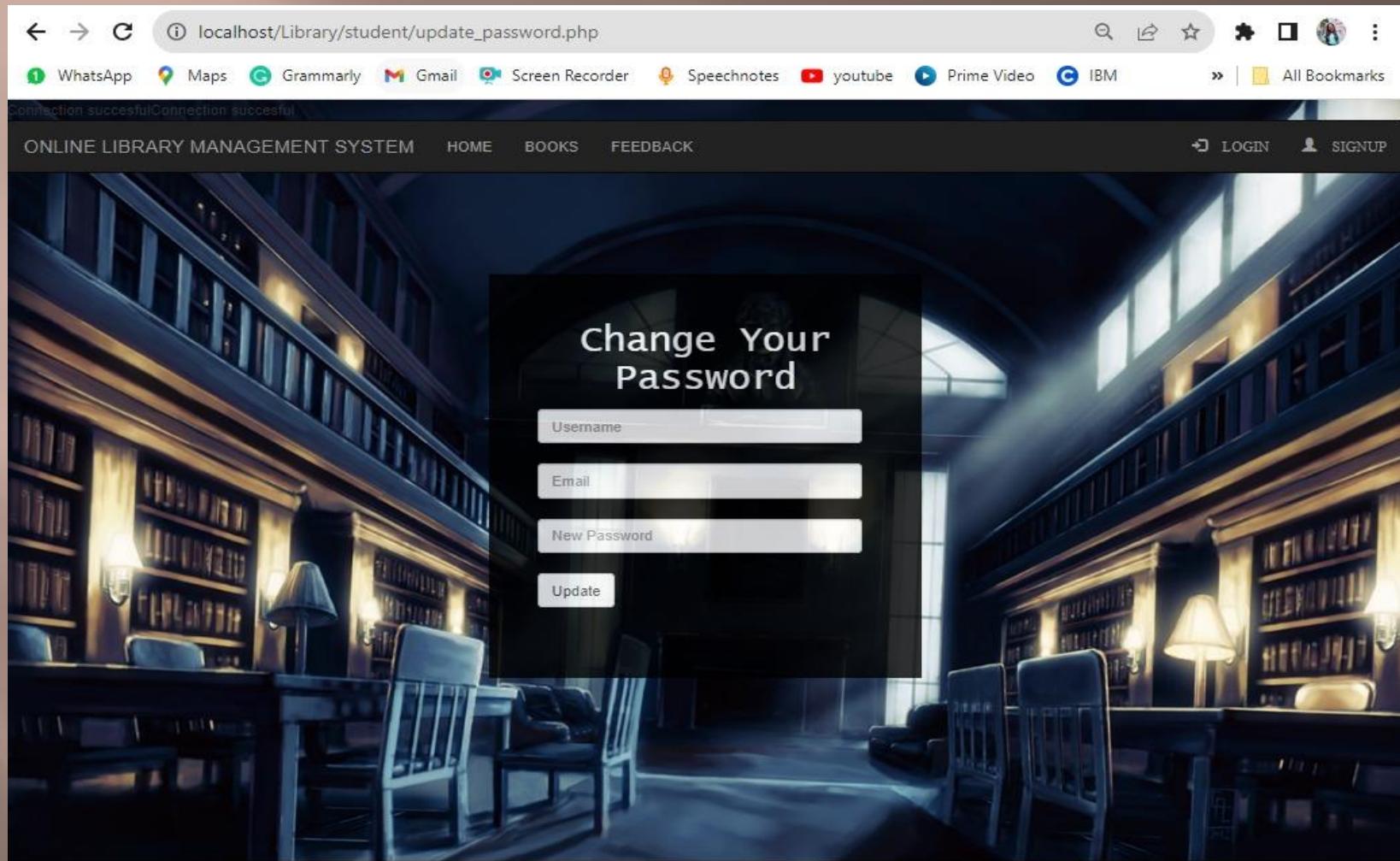
\*\*\*\*

test@gmail.com

987877899

Sign Up

# CHANGE YOUR PASSWORD PAGE



# DATABASE DESIGN

localhost/phpmyadmin/index.php?route=/database/structure&db=library

WhatsApp Maps Grammarly Gmail Screen Recorder Speechnotes youtube Prime Video IBM HarvardX Data Scie... Excel | Microsoft 365

**phpMyAdmin**

Server: 127.0.0.1 » Database: library

Structure SQL Search Query Export Import Operations Privileges Routines Events

Filters Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
admin	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
books	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	51	InnoDB	utf8mb4_general_ci	16.0 KiB	-
feedback	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
fine	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
issue_info	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	1	InnoDB	utf8mb4_general_ci	32.0 KiB	-

6 tables Sum 55 InnoDB utf8mb4\_general\_ci 112.0 KiB 0 B

Check all With selected:

[Print](#) [Data dictionary](#)

Create new table

Table name Number of columns

Console 4 Create

# LIST OF BOOKS(USER SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/student/books.php` in the address bar. The browser's toolbar includes links for WhatsApp, Maps, Grammarly, Gmail, Screen Recorder, Speechnotes, youtube, Prime Video, IBM, and All Bookmarks. Below the address bar, a message says "Connection succesful". The main header of the page reads "ONLINE LIBRARY MANAGEMENT SYSTEM" with navigation links for HOME, BOOKS, and FEEDBACK, and buttons for LOGIN and SIGNUP.

On the left, there is a menu icon followed by the text "open". To the right, there is a search bar containing the text "dune" with a magnifying glass icon, and a smaller input field labeled "Enter Book ID" with a "Request" button below it.

The main content area is titled "List Of Books" and displays a table of book records:

ID	Book-Name	Authors Name	Edition	Status	Quantity	Department
99	1984	George Orwell	Revised Edition	Available	5	Science Fiction
194	A Tale of Two Cities	Charles Dickens	Historical Edition	Checked Out	8	Classics
85	Brave New World	Aldous Huxley	Dystopian Edition	Available	9	Science Fiction
84	Cosmos	Carl Sagan	Revised Edition	Available	14	Science
182	Crime and Punishment	Fyodor Dostoevsky	Russian Classic Edition	Available	7	Classics
180	Dune	Frank Herbert	Science Fiction Classic Edition	Available	15	Science Fiction
192	Ender's Game	Orson Scott Card	Sci-Fi Classic Edition	Available	14	Science Fiction
93	Harry Potter and the Sorcerer's Stone	J.K. Rowling	Wizarding Edition	Available	19	Fantasy
86	Lord of the Flies	William Golding	Classic Edition	Available	11	Fiction
89	Moby-Dick	Herman Melville	Whale Edition	Available	7	Adventure

# BOOKS PAGE(USER SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/student/books.php` in the address bar. The page title is "ONLINE LIBRARY MANAGEMENT SYSTEM". The top navigation bar includes links for HOME, BOOKS, and FEEDBACK, along with LOGIN and SIGNUP buttons. On the left, a sidebar lists "Books", "Book Request", "Issue Information", and "Expired List". The main content area displays a heading "List Of Books" above a table with the following data:

ID	Book-Name	Authors Name	Edition	Status	Quantity	Department
180	Dune	Frank Herbert	Science Fiction Classic Edition	Available	15	Science Fiction

# FEEDBACK PAGE(USER SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/student/feedback.php` in the address bar. The page title is "ONLINE LIBRARY MANAGEMENT SYSTEM". The navigation menu includes links for "HOME" and "FEEDBACK". On the right side of the header, there are "LOGIN" and "SIGNUP" buttons. The main content area features a large, atmospheric image of a traditional library interior with bookshelves, candles, and sunlight streaming through large windows. A central black overlay contains the text "If you have any suggestions or questions please comment below." Below this text is a light gray input field with the placeholder "Write something...". At the bottom of the input field is a "Comment" button.

localhost/Library/student/feedback.php

WhatsApp Maps Grammarly Gmail Screen Recorder Speechnotes youtube Prime Video IBM All Bookmarks

Connection successful

ONLINE LIBRARY MANAGEMENT SYSTEM HOME BOOKS FEEDBACK

Connection successful

If you have any suggestions or questions please comment below.

Write something...

Comment

# STUDENT PROFILE INFORMATION(USER SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/student/profile.php` in the address bar. The browser interface includes standard navigation buttons (back, forward, search, etc.) and a toolbar with various bookmarks.

The main content area displays a success message: "Connection succesful". Below this, a navigation bar for "ONLINE LIBRARY MANAGEMENT SYSTEM" includes links for HOME, BOOKS, FEEDBACK, PROFILE, and FINES. On the right side of the navigation bar is a user profile icon labeled "test" and a "LOGOUT" link.

The central part of the page is titled "MY PROFILE". To the right of the title is an "Edit" button. Below the title, there is a large, empty rectangular area with three small vertical bars on its left side.

At the bottom of the page, there is a table containing the user's profile information:

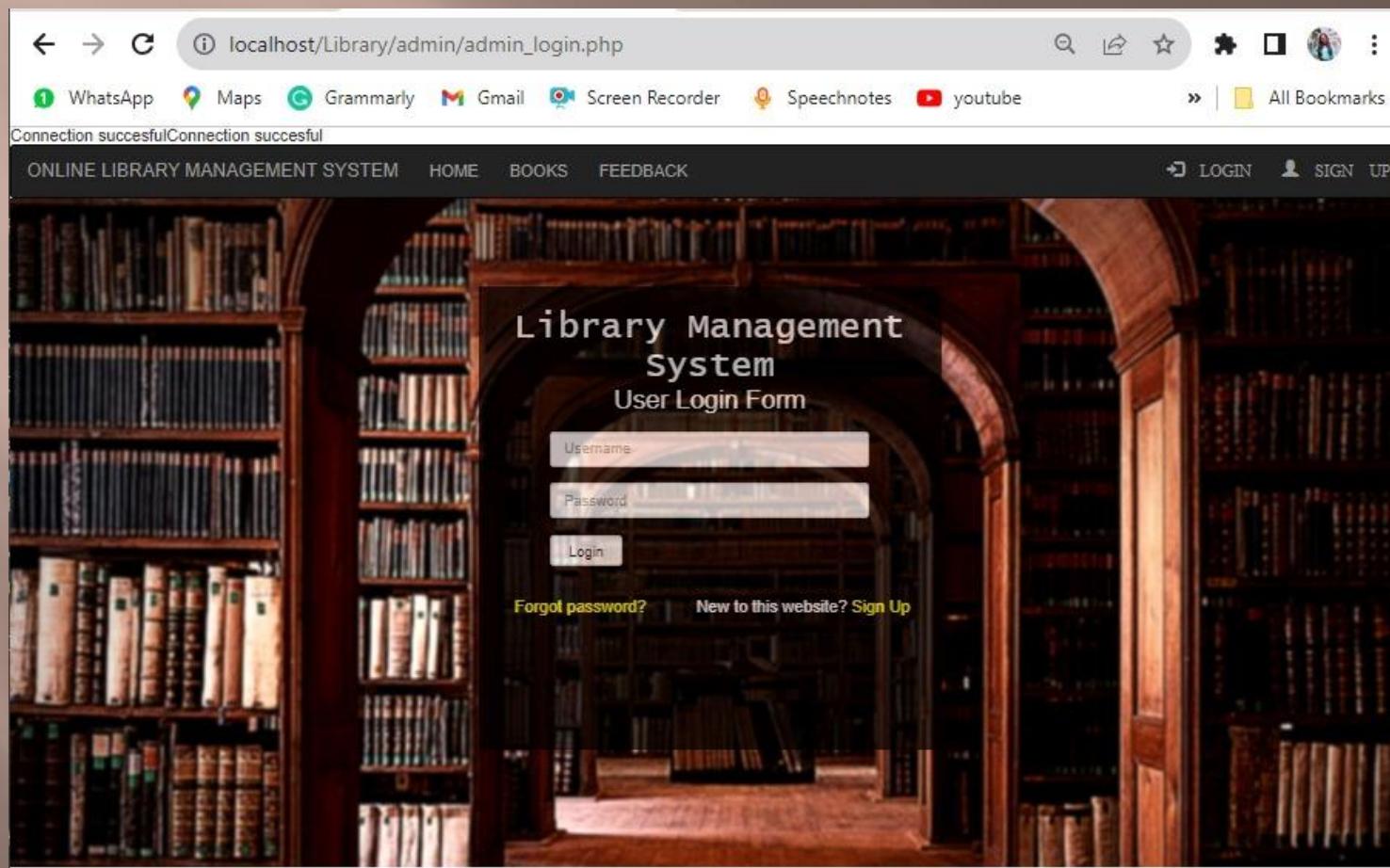
First Name:	test
Last Name:	case
User Name:	test
Password:	1234
Email:	testcase@gmail.com
Contact:	2147483647

# LIST OF BORROWED BOOKS(USER SIDE)

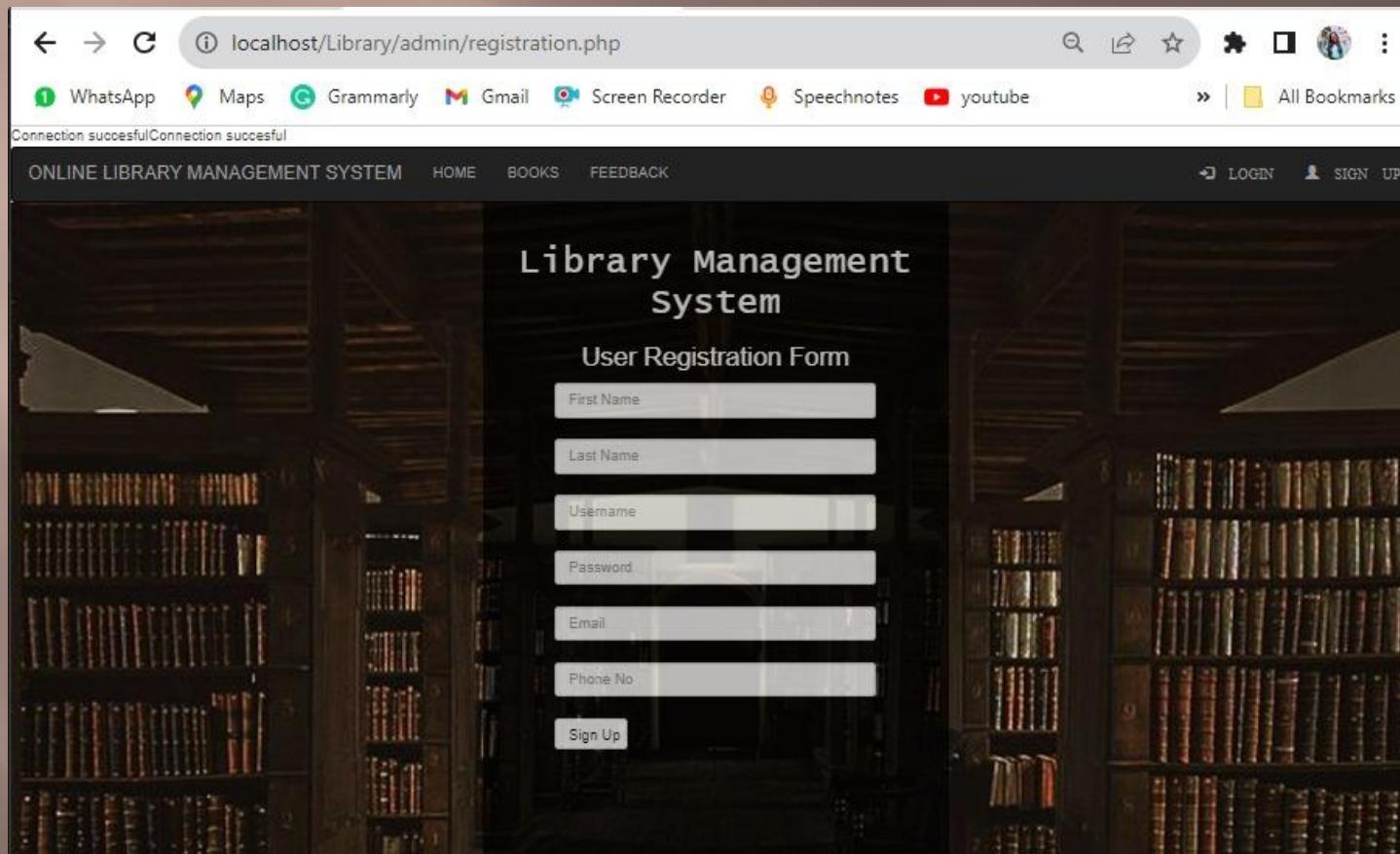
The screenshot shows a web browser window with the URL `localhost/Library/student/issue_info.php` in the address bar. The page title is "INFORMATION OF BORROWED BOOKS". The header includes "ONLINE LIBRARY MANAGEMENT SYSTEM" and navigation links for HOME, BOOKS, FEEDBACK, PROFILE, and FINES. A user profile picture labeled "test" and a "LOGOUT" link are also present. The main content displays a table of borrowed books:

Username	roll No	BID	Book Name	Authors Name	Edition	Issue Date	Return Date
test	1	86	Lord of the Flies	William Golding	Classic Edition	2023-09-30	2023-10-12
test	1	99	1984	George Orwell	Revised Edition	2023-10-01	2023-10-16

# USER LOGIN(ADMIN SIDE)



# USER REGISTRATION FORM(ADMIN SIDE)



# LIST OF BOOKS(ADMIN SIDE)

Connection successful

ONLINE LIBRARY MANAGEMENT SYSTEM    HOME    BOOKS    FEEDBACK    LOGIN    SIGN UP

≡ open

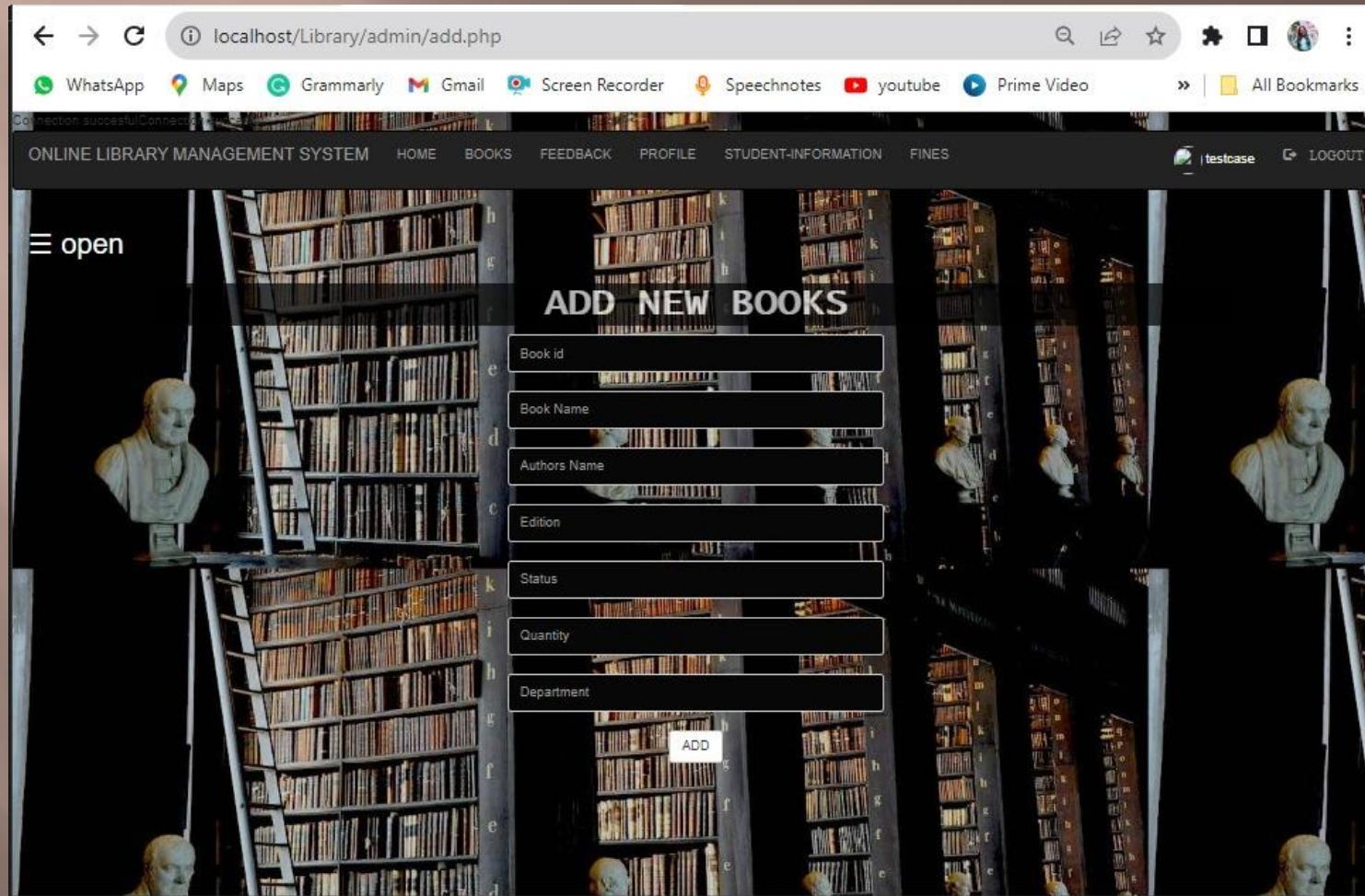
search books..

Enter Book ID

### List Of Books

ID	Book-Name	Authors Name	Edition	Status	Quantity	Department
99	1984	George Orwell	Revised Edition	Available	3	Science Fiction
194	A Tale of Two Cities	Charles Dickens	Historical Edition	Checked Out	8	Classics
85	Brave New World	Aldous Huxley	Dystopian Edition	Available	9	Science Fiction
84	Cosmos	Carl Sagan	Revised Edition	Available	14	Science
182	Crime and Punishment	Fyodor Dostoevsky	Russian Classic Edition	Available	7	Classics
180	Dune	Frank Herbert	Science Fiction Classic Edition	Available	15	Science Fiction
192	Ender's Game	Orson Scott Card	Sci-Fi Classic Edition	Available	14	Science Fiction
93	Harry Potter and the Sorcerer's Stone	J.K. Rowling	Wizarding Edition	Available	19	Fantasy
86	Lord of the Flies	William Golding	Classic Edition	Available	11	Fiction
89	Moby-Dick	Herman Melville	Whale Edition	Available	7	Adventure
203	One Hundred Years of Solitude	Gabriel García Márquez	Magical Realism Edition	Available	13	Magical Realism
100	Pride and Prejudice	Jane Austen	Classic Edition	Checked Out	8	Romance

# ADD NEW BOOKS PAGE(ADMIN SIDE)



# BOOKS PAGE(ADMIN SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/admin/books.php` in the address bar. The page title is "ONI INF LIBRARY MANAGEMENT SYSTEM". The navigation menu on the left includes links for "Add Books", "Book Request", "Issue Information", and "Expired List". The main content area displays a table titled "List Of Books" with the following data:

ID	Book-Name	Authors Name	Edition	Status	Quantity	Department
99	1984	George Orwell	Revised Edition	Available	3	Science Fiction
194	A Tale of Two Cities	Charles Dickens	Historical Edition	Checked Out	8	Classics
85	Brave New World	Aldous Huxley	Dystopian Edition	Available	9	Science Fiction
84	Cosmos	Carl Sagan	Revised Edition	Available	14	Science
182	Crime and Punishment	Fyodor Dostoevsky	Russian Classic Edition	Available	7	Classics
180	Dune	Frank Herbert	Science Fiction Classic Edition	Available	15	Science Fiction
192	Ender's Game	Orson Scott Card	Sci-Fi Classic Edition	Available	14	Science Fiction
93	Harry Potter and the Sorcerer's Stone	J.K. Rowling	Wizarding Edition	Available	19	Fantasy
88	Lord of the Flies	William Golding	Classic Edition	Available	11	Fiction
89	Moby-Dick	Herman Melville	Whale Edition	Available	7	Adventure
203	One Hundred Years of Solitude	Gabriel García Márquez	Magical Realism Edition	Available	13	Magical Realism

# STUDENT PROFILE(ADMIN SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/admin/profile.php` in the address bar. The browser interface includes standard navigation buttons, a search bar, and a bookmarks bar with links to WhatsApp, Maps, Grammarly, Gmail, Screen Recorder, Speechnotes, youtube, and All Bookmarks. Below the address bar, a message says "Connection successful". The main content area is titled "ONLINE LIBRARY MANAGEMENT SYSTEM" and features a navigation menu with links to HOME, BOOKS, FEEDBACK, PROFILE, STUDENT-INFORMATION, and FINES. On the right side of the menu, there is a user icon labeled "testcase" and a "LOGOUT" link. The central part of the page is titled "MY PROFILE" and contains a table with the following data:

First Name:	test
Last Name:	case
User Name:	testcase
Password:	1234
Email:	test@gmail.com
Contact:	2147483647

An "Edit" button is located in the top right corner of the profile section.

# EDIT INFORMATION PAGE

ONLINE LIBRARY MANAGEMENT SYSTEM

HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES

| testcase | LOGOUT

## EDIT INFORMATION

WELCOME  
testcase

Choose File No file chosen

**First Name:**  
soor

**Last Name:**  
Gupta

**Username:**  
soor123

**Password:**  
1234

**Email:**  
soor@gmail.com

**Contact No:**  
2147483647

# LIST OF STUDENTS(ADMIN SIDE)

← → ⌂ ⓘ localhost/Library/admin/student.php

WhatsApp Maps Grammarly Gmail Screen Recorder Speechnotes youtube Prime Video » All Bookmarks

Connection successful Connection successful

ONLINE LIBRARY MANAGEMENT SYSTEM HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES

testcase LOGOUT

☰ open

Student username..

SEARCH

### LIST OF STUDENTS

First Name	Last Name	Username	Roll	Email	Contact
test	case	test	1	testcase@gmail.com	2147483647
Priya	Sharma	priyasharma2	2021002	priya.sharma2@example.com	2147483647
Rajesh	Singh	rajeshsingh3	2021003	rajesh.singh3@example.com	2147483647
Sneha	Verma	snehaverma4	2021004	sneha.verma4@example.com	2147483647
Vikas	Yadav	vikasyadav5	2021005	vikas.yadav5@example.com	2147483647
Neha	Gupta	nehagupta6	2021006	neha.gupta6@example.com	2147483647
Sanjay	Patel	sanjaypatel7	2021007	sanjay.patel7@example.com	2147483647
Poonam	Jain	poonamjain8	2021008	poonam.jain8@example.com	2109876543
Rahul	Mehta	rahulmehta9	2021009	rahul.mehta9@example.com	1098765432
Shweta	Shah	shwetashah10	2021010	shweta.shah10@example.com	987654321
Anjali	Garg	anjali_garg11	2021011	anjali.garg11@example.com	2147483647
Vivek	Kapoor	vivekkapoor12	2021012	vivek.kapoor12@example.com	2147483647
Ritu	Mishra	ritumishra13	2021013	ritu.mishra13@example.com	2147483647
Alok	Sinha	aloksinha14	2021014	alok.sinha14@example.com	2147483647

# FEEDBACK PAGE(ADMIN SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/admin/feedback.php` in the address bar. The page title is "ONLINE LIBRARY MANAGEMENT SYSTEM". The main content area features a large, atmospheric image of a traditional library interior with tall bookshelves, a large window, and a person reading at a desk. Overlaid on this image is a dark, semi-transparent feedback form. The form contains the text: "If you have any suggestions or questions please comment below." Below this is a text input field with the placeholder "Write something...". At the bottom of the form is a blue "Comment" button. The browser's header includes various bookmarks and a user profile icon.

Connection successful

ONLINE LIBRARY MANAGEMENT SYSTEM

localhost/Library/admin/feedback.php

WhatsApp Maps Grammarly Gmail Screen Recorder Speechnotes youtube Prime Video

All Bookmarks

testcase LOGOUT

Connection successful

If you have any suggestions or questions please comment below.

Write something...

Comment

Reading hook in the library

Great collection of books!

# REQUEST PAGE (ADMIN SIDE)

The screenshot shows a web browser window with the URL `localhost/Library/admin/request.php` in the address bar. The page title is "REQUEST OF BOOK". The top navigation bar includes links for WhatsApp, Maps, Grammarly, Gmail, Screen Recorder, Speechnotes, youtube, and All Bookmarks. The main menu bar has links for ONLINE LIBRARY MANAGEMENT SYSTEM, HOME, BOOKS, FEEDBACK, PROFILE, STUDENT-INFORMATION, and FINES. A user profile for "testcase" is visible on the right.

The main content area features a dark background image of bookshelves. On the left, there is a sidebar with a "≡ open" button. In the center, the text "Request of Book" is displayed above a message: "There's no pending request." To the right, there is a form with two input fields: one containing "testcase" and another containing "89", followed by a "Submit" button.

Request of Book

There's no pending request.

testcase

89

Submit

# APPROVE REQUEST PAGE (ADMIN SIDE)

Connection successful

ONLINE LIBRARY MANAGEMENT SYSTEM

HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES

testcase LOGOUT

≡ open

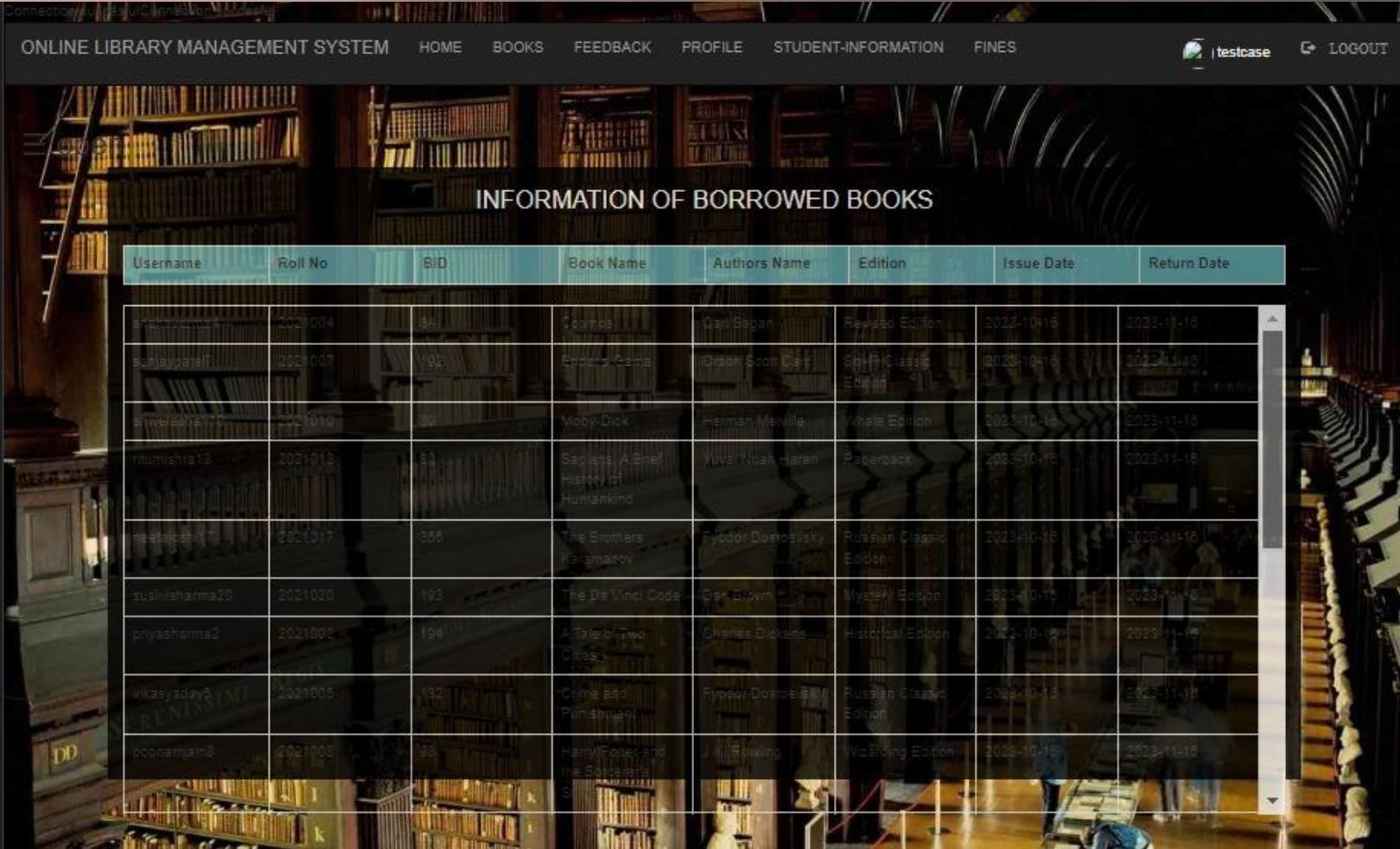
### APPROVE REQUEST

Yes or No

Issue Date yyyy-mm-dd

Return Date yyyy-mm-dd

# INFORMATION OF BORROWED BOOKS(ADMIN SIDE)



ONLINE LIBRARY MANAGEMENT SYSTEM

HOME BOOKS FEEDBACK PROFILE STUDENT-INFORMATION FINES

testcase LOGOUT

### INFORMATION OF BORROWED BOOKS

Username	Roll No	BID	Book Name	Authors Name	Edition	Issue Date	Return Date
anilgupta12	2021004	184	Science	Dad Bagan	Revised Edition	2022-10-15	2023-11-15
sonayashri7	2021007	192	Enders Game	Orson Scott Card	Sci-Fi Classic Edition	2023-10-15	2023-11-15
shubham100	2021010	193	Moby-Dick	Herman Melville	Whale Edition	2022-10-15	2023-11-15
rishabhsharma19	2021013	190	Sapiens: A Brief History of Humankind	Yuval Noah Harari	Paperback	2023-10-15	2023-11-15
neha1234567	2021017	186	The Brothers Karamazov	Fyodor Dostoevsky	Russian Classic Edition	2023-10-15	2023-11-15
sushilsharma20	2021020	193	The Da Vinci Code	Dan Brown	Mystery Edition	2023-10-15	2023-11-15
priyasharma2	2021002	194	A Tale of Two Cities	Charles Dickens	Historical Edition	2021-10-15	2023-11-15
nikasysday5	2021005	192	Crime and Punishment	Fyodor Dostoevsky	Russian Classics Edition	2022-10-15	2023-11-15
poornamaino	2021008	188	Harry Potter and the Sorcerer's Stone	J.K. Rowling	Marion Edition	2023-10-15	2023-11-15

# BOOK STATUS PAGE(ADMIN SIDE)

The screenshot shows a web browser window for the "ONLINE LIBRARY MANAGEMENT SYSTEM". The URL is `localhost/Library/admin/expired.php`. The page displays a table of borrowed books with the following data:

Username	Roll No	BID	Book Name	Authors Name	Edition	Status	Issue Date	Return Date
test		36	Lord of the Flies	William Golding	Classic Edition	EXPIRED	2023-09-30	2023-10-12
test		39	1984	George Orwell	Revised Edition	EXPIRED	2023-10-01	2023-10-05

# CONCLUSION

- The project seeks to expedite cataloging, improve resource accessibility, and enhance user experiences for both library staff and users by developing a dynamic and user-friendly online platform.
- The LMS website offers effective tools for resource management, cataloging, and circulation, providing a complete answer for libraries of all shapes and sizes.



# REFERENCES

- Github.com
- Youtube.com

# PROJECT BY

- Parul Srivastava- CSBS- 08
- Madhurima Mukherjee- CSBS-25