

UNIVERSITY OF COMPUTER STUDIES (SITTWAY)

2019-2022 ACADEMIC YEAR

PROJECT REPORT FOR (CS-3256)



UCSS ONLINE LIBRARY MANAGEMENT SYSTEM

BY

GROUP (E)

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2022 August

UCSS ONLINE LIBRARY MANAGEMENT SYSTEM

PRESENTED BY:

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Section (1)

Project Description

The main objective of this project is to provide access to the library through web application. The title of this project is “**UCSS ONLINE LIBRARY MANAGEMENT SYSTEM**” that gives us the complete information about the library. We can enter the record of new books and retrieve the details of books available in the library. We can issue the books to the members and maintain their records and can also check how many books are issued and stock available in the library by using this system.

In this project, we can maintain the late fine of members who returns the issued books after the due date. Throughout the project the focus has been on making the members to grab the books of which they are in need with an exact detail of the versions and editions of their respected volumes in an easy and intelligible manner. Our system is intended to help for reading enthausiasts.

Section (2)

Project Objectives

- To manage the information of Members, Librarians and Books, etc.
- To deals the monitoring the information and transactions of Books.
- To manage the record of membership as per requirement and implementation plants by librarian admin.
- To store all of library information safely.

Section (3)

Web Design

Site Map

Admin Point of View

Master Page

1. AdminMaster.Master

Web Form With Master Page

1. LoginPage.aspx
2. HomePage.aspx
3. BookAddPage.aspx
4. BookCategoryPage.aspx
5. BookListPage.aspx
6. BookBorrowListPage.aspx
7. BookReturnListPage.aspx
8. BorrowReceiveBook.aspx
9. AddNewMember.aspx
10. MemberListPage.aspx
11. AdminProfile.aspx
12. Logout.aspx

Member Point of View

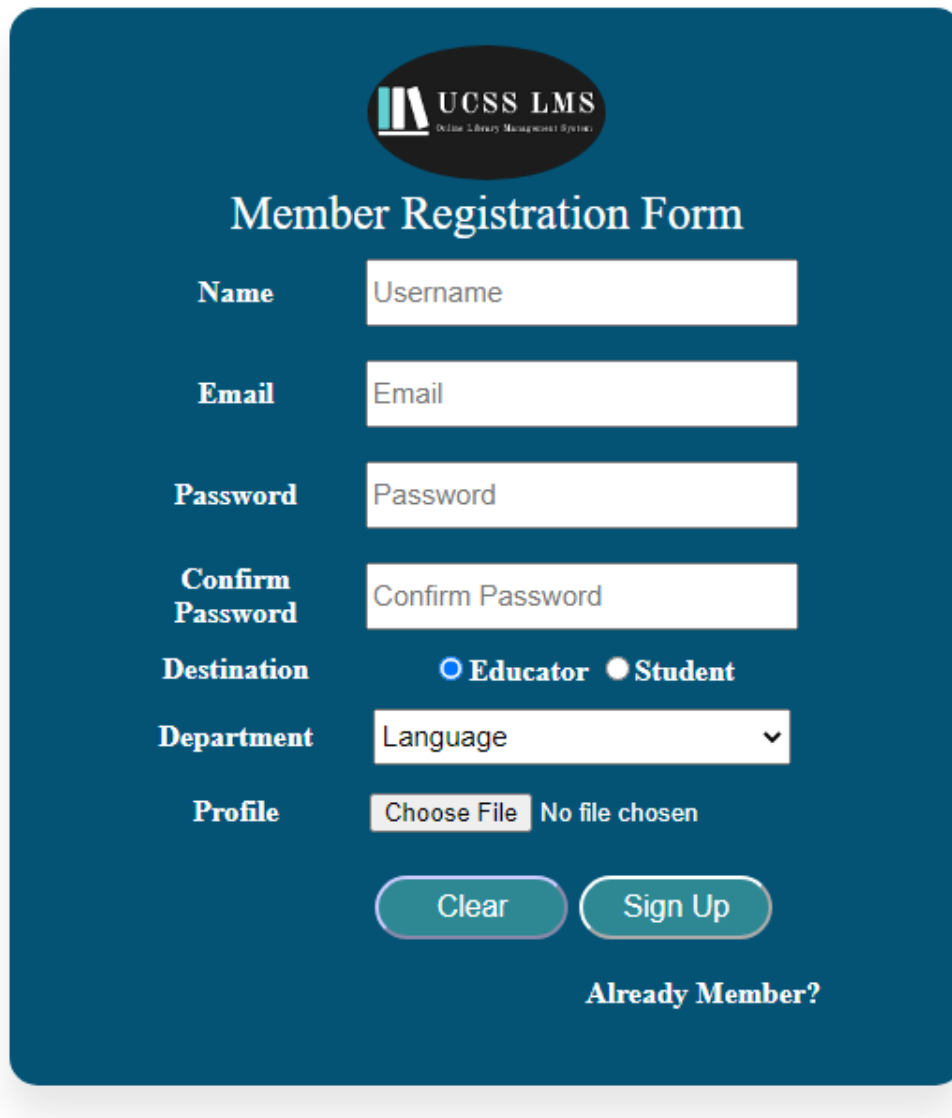
Master Page

1. MemberMaster.Master

Web Form With Master Page

1. LoginPage.aspx
2. MemberRegisterPage.aspx
3. MemberHomePage.aspx
4. BCategory.aspx

Register New User



The image shows a 'Member Registration Form' for the UCSS LMS (Online Library Management System). The form is set against a dark blue background. It includes input fields for Name (Username), Email, Password, and Confirm Password. There are radio buttons for Destination (Educator, Student) and a dropdown for Department (Language). A file upload section for Profile shows a 'Choose File' button and 'No file chosen' text. At the bottom, there are 'Clear' and 'Sign Up' buttons, and a link for 'Already Member?'.

UCSS LMS
Online Library Management System

Member Registration Form

Name

Email

Password

Confirm Password

Destination ☒ Educator ☐ Student

Department

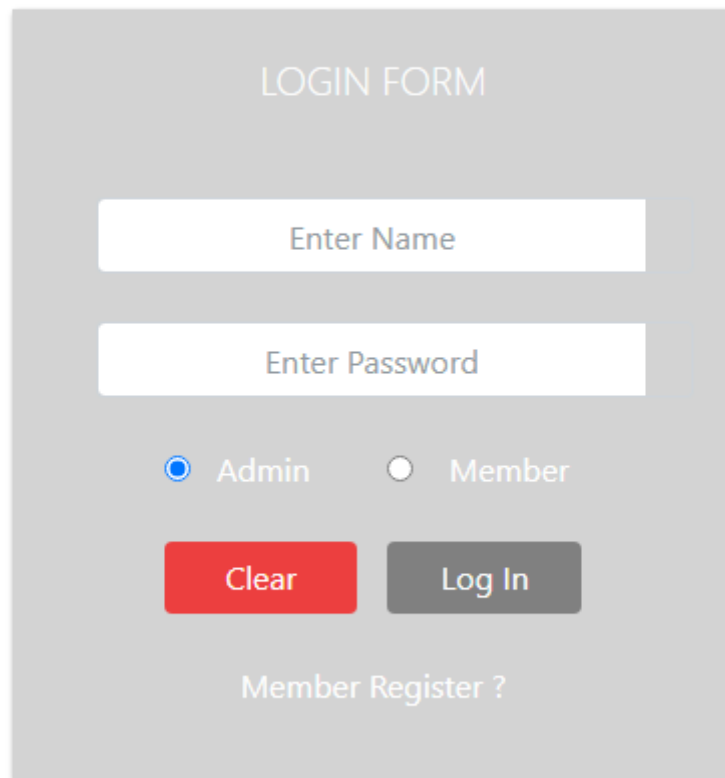
Profile No file chosen

[Already Member?](#)

- ❖ Click sign up button to register new user
- ❖ Fill username
- ❖ Fill email
- ❖ Fill password and confirm password to check password match
- ❖ Select Educator or Student to auto generate destination and choose
- ❖ Choose profile image
- ❖ Click clear button to clear and signup button to register

Login Form

UCSS ONLINE LMS



A login form for UCSS ONLINE LMS. The form is titled 'LOGIN FORM' and is set against a light gray background. It contains two input fields: 'Enter Name' and 'Enter Password'. Below these fields are two radio buttons: 'Admin' (selected) and 'Member'. At the bottom of the form are two buttons: a red 'Clear' button and a dark gray 'Log In' button. Below the buttons is a link that says 'Member Register ?'.

LOGIN FORM

Enter Name

Enter Password

☒ Admin ☐ Member

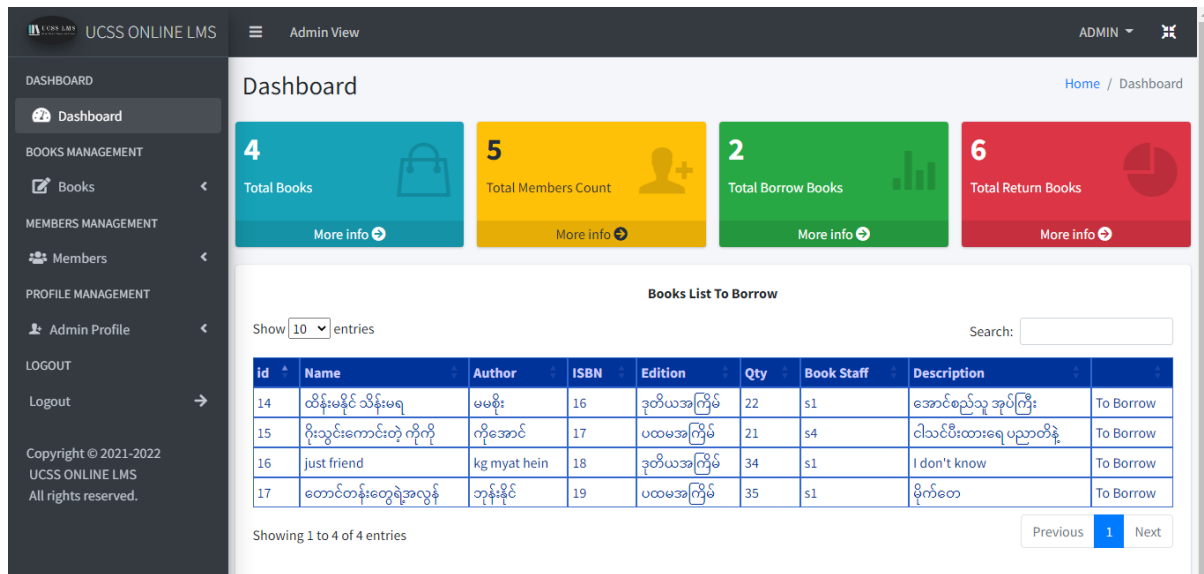
Clear Log In

Member Register ?

- ❖ Click login button to login for user who is already signup
- ❖ Fill username
- ❖ Fill password
- ❖ If you are admin, select admin button or not select member button
- ❖ And then click clear to clear and click login button to login

Admin Point of View Features

Home Page



- ❖ Admin can view total book count, total member count and total borrow book count, total return book count and available borrow borrow book list in system dashboard
- ❖ Admin can search books by any field (eg: id, name, author, ...)
- ❖ Admin borrow books to member by clicking to borrow button and fill required data
- ❖ Admin can search book by any field (eg: id, book name, etc, ...)
- ❖ Admin can view fullscreen mode and responsible mood of project

Book Add Fom

The screenshot shows the 'Book Add Form' interface within the UCSS ONLINE LMS. The interface has a dark sidebar on the left with navigation links: DASHBOARD (Dashboard), BOOKS MANAGEMENT (Books), MEMBERS MANAGEMENT (Members), PROFILE MANAGEMENT (Admin Profile), and LOGOUT (Logout). The main content area is titled 'Book Add Form' and contains several input fields arranged in two columns. The left column includes fields for Book Name, Author Name, Book Type (a dropdown menu with 'Programming' selected), Book Shell (with a sub-label 'Number'), and Book Cover Image (with a 'Choose File' button and 'No file chosen' text). The right column includes fields for ISBN, Book Edition, Qty, Book Description, and PDF File (also with a 'Choose File' button and 'No file chosen' text). At the bottom of the form are two buttons: a green 'Clear' button and a grey 'Add' button. The top of the interface shows 'Admin View' and 'ADMIN' with a dropdown arrow.

UCSS ONLINE LMS

Admin View

ADMIN

Book Add Form

Book Name

Enter Book Name

ISBN

Enter ISBN

Author Name

Enter Book Author

Book Edition

Enter Book Edition

Book Type

Programming

Qty

Enter Book Qty

Book Shell

Enter Book Shell Number

Book Description

Enter Book Description

Book Cover Image

Choose File No file chosen

PDF File

Choose File No file chosen

Clear

Add

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UCSS ONLINE LMS
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- ❖ Admin can add new books
- ❖ Fill book name
- ❖ Fill author name
- ❖ Fill book type
- ❖ Fill ISBN
- ❖ Fill edition
- ❖ Fill quantity
- ❖ Fill book shell to easy for searching
- ❖ Fill book description that is optional
- ❖ Choose book cover image
- ❖ Choose book pdf file
- ❖ And then click clear button to clear and add button to add new book

Book Category List Form

UCSS ONLINE LMS

Admin View

ADMIN

DASHBOARD

Dashboard

BOOKS MANAGEMENT

Books

MEMBERS MANAGEMENT

Members

PROFILE MANAGEMENT

Admin Profile

LOGOUT

Logout

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All rights reserved.

Book Category List Page

Show entries

Search:

id	category_name	created_date	
10	Programming	1/8/2022 3:13:00 PM	Delete
11	Medicine	2/8/2022 3:13:00 PM	Delete
12	Technology	8/9/2022 3:13:00 PM	Delete
13	Politics	4/9/2022 3:13:00 PM	Delete
14	History	5/10/2022 3:13:00 PM	Delete
15	Biogaphy	6/11/2022 3:13:00 PM	Delete
16	Philosophy	6/11/2022 3:13:00 PM	Delete
17	Business	6/11/2022 3:14:00 PM	Delete

Showing 1 to 8 of 8 entries

Previous 1 Next

- ❖ Admin can view book category list
- ❖ Admin can delete book category list

Book List Form

UCSS ONLINE LMS

Admin View

ADMIN

DASHBOARD

Dashboard

BOOKS MANAGEMENT

Books

MEMBERS MANAGEMENT

Members

PROFILE MANAGEMENT

Admin Profile

LOGOUT

Logout

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UCSS ONLINE LMS
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Book List Page

Show 10 entries

Search:

ID	Book Name	Author	ISBN	Qty	Edition	Book Type ID	Book Shell	Description	
14	ထိန်းမခိုင် သိန်းမရ	မမိုး	16	22	ဒုတိယအကြိမ်	11	s1	အောင်စည်သူ အုပ်ကြီး	Delete
15	ဂိုးသွင်းကောင်းတဲ့ ကိုကို	ကိုအောင်	17	21	ပထမအကြိမ်	11	s4	ငါသင်ပီးထားရေ ပညာတိရစ္ဆာန်	Delete
16	just friend	kg myat hein	18	34	ဒုတိယအကြိမ်	10	s1	I don't know	Delete
17	တောင်တန်းတွေရဲ့အလွန်	ဘုန်းနိုင်	19	35	ပထမအကြိမ်	10	s1	မိုက်တော	Delete
25	ခန့်ခမ်းတန်းက မဂျမ်းပုံ	ချစ်ဦးညို	20	15	ပထမအကြိမ်	10	s2	ဂျမ်းပုံမလေးအကြောင်း	Delete
26	ချစ်သောပါဒကေရီ	ချစ်ဦးညို	21	10	ပထမအကြိမ်	10	s3	ရသာစာအုပ်	Delete
27	သူငယ်ချင်းလို့ဘဲ ဆက်၍ခေါ်မည်ခိုင်	ဘုန်းနိုင်	22	13	ပထမအကြိမ်	10	s3	အချစ်စာအုပ်	Delete
28	စည်းကုံးကြိုး	ခင်ခင်ထွေး	23	10	ဒုတိယအကြိမ်	10	s3	ရသာ	Delete
29	ဆစ်ရစ်ဝိုင်းဝတ္ထုတိုများ	ခင်ခင်ထွေး	24	15	ဒုတိယအကြိမ်	10	s3	ပညာပေး	Delete
30	သုံးလွန်းတင်	ခင်ခင်ထွေး	25	10	ဒုတိယအကြိမ်	10	s3	ပညာပေး	Delete

Showing 1 to 10 of 11 entries

Previous12Next

- ❖ Admin can view book list
- ❖ Admin can delete any book
- ❖ Admin can search book by any field (eg: id, book name, etc, ...)

Book Borrow List Form

<div> <div> <div>UCSS ONLINE LMS</div> <div>Admin View</div> <div>ADMIN</div> </div> <div> <div>DASHBOARD</div> <div>Dashboard</div> <div>BOOKS MANAGEMENT</div> <div>Books</div> <div>MEMBERS MANAGEMENT</div> <div>Members</div> <div>PROFILE MANAGEMENT</div> <div>Admin Profile</div> <div>LOGOUT</div> <div>Logout</div> <div>Copyright © 2021-2022 UCSS ONLINE LMS All rights reserved.</div> </div> </div>									
Book Borrow List									
<div> <div>Show 10 entries</div> <div>Search:</div> </div>									
ID	Admin Name	Member Name	Book Name	Status	Borrow Date	Return Date	Change Return	Delete	
1020	admin	micho	အရက်ကိုမှန်း၍ စောက်ခဲသည်	borrow	2022/08/12	2022/08/15	Change Return	Delete	
1021	admin	micho	မြူနင်းဝေတဲ့ချိန်	borrow	2022/08/12	2022/08/15	Change Return	Delete	
1023	admin	ookyawsoe	စည်းကုံးကြိုး	borrow	2022/08/12	2022/08/15	Change Return	Delete	
1024	admin	oks	သုငယ်ရင်းလိုဘဲ ဆက်၍ခေါ်မည်ခိုင်	borrow	2022/08/12	2022/08/15	Change Return	Delete	
1025	admin	htaythanaung	သုံးလွန်းတင်	borrow	2022/08/12	2022/08/15	Change Return	Delete	
1026	admin	waimyinthtet	ခန္တိအိမ်တန်းက မဂျမ်းပုံ	borrow	2022/08/12	2022/08/15	Change Return	Delete	
1027	admin	aungsithu	ထိန်းမခိုင် သိန်းမရ	borrow	2022/08/12	2022/08/15	Change Return	Delete	
1028	admin	aungsithu	ဂိုးသွင်းကောင်းတဲ့ ကိုကို	borrow	2022/08/12	2022/08/15	Change Return	Delete	
Showing 1 to 8 of 8 entries								<div> <div>Previous</div> <div>1</div> <div>Next</div> </div>	

- ❖ Admin can view book borrow list
- ❖ Admin can chage borrow book to return book by clicking change return button
- ❖ Admin can delete borrow book list by clicking delete button
- ❖ Admin can search book by any field (eg: id, book name, etc, ...)

UCSS ONLINE LMS
ADMIN

Admin View

DASHBOARD
 Dashboard
 BOOKS MANAGEMENT
 MEMBERS MANAGEMENT
 PROFILE MANAGEMENT
 LOGOUT

Book Return List

Show 10 entries Search:

ID	Admin Name	Member Name	Book Name	Status	Borrow Date	Receive Date	
8	admin	oks	ညနေဆင်းခါး	return	2022/08/12	2022/08/15	Delete
9	admin	oks	ဥပစာသိပ္ပံ	return	2022/08/12	2022/08/15	Delete
10	admin	oks	အရက်ကိုမုန်း၍ သောက်ခဲ့သည်	return	2022/08/12	2022/08/15	Delete
11	admin	oks	မမကိုမုန်း၍ ညီမချေ့ကို ချစ်ခင်သူ	return	2022/08/12	2022/08/15	Delete
1016	admin	micho	just friend	return	2022/08/12	2022/08/15	Delete
1019	admin	micho	ဂိုးသွင်းကောင်းတဲ့ ကိုကို	return	2022/08/12	2022/08/15	Delete
1023	admin	ookyawsoe	စည်းကမ်းကြီး	return	2022/08/12	2022/08/15	Delete
1028	admin	aungsithu	ဂိုးသွင်းကောင်းတဲ့ ကိုကို	return	2022/08/12	2022/08/15	Delete

Showing 1 to 8 of 8 entries

Previous
1
Next

- ❖ Admin can view return book list
- ❖ Admin can delete return book list
- ❖ Admin can search book by any field (eg: id, book name, etc, ...)

Add New Member Form

The screenshot displays the 'Add New Member' form within the UCSS ONLINE LMS Admin View. The interface includes a dark sidebar with navigation links: DASHBOARD (Dashboard), BOOKS MANAGEMENT (Books), MEMBERS MANAGEMENT (Members), PROFILE MANAGEMENT (Admin Profile), and LOGOUT. The main content area is titled 'Add New Member' and contains several input fields arranged in two columns. The left column includes fields for Member Name, Email, Description, and Password. The right column includes fields for Destination, Department/ Class, Profile Image, and Confirm Password. At the bottom of the form, there are two buttons: a green 'Clear' button and a grey 'Add' button. The footer of the sidebar indicates the copyright is from 2021-2022 and all rights are reserved.

Member Name	Destination
<input type="text" value="Enter Book Name"/>	<input type="text" value="Enter ISBN"/>
Email	Department/ Class
<input type="text" value="Enter Book Author"/>	<input type="text" value="Enter Book Edition"/>
Description	Profile Image
<input type="text" value="Enter Book Shell Number"/>	<input type="button" value="Choose File"/> No file chosen
Password	Confirm Password
<input type="text" value="Enter Book Shell Number"/>	<input type="text" value="Enter Book Shell Number"/>

- ❖ Admin can add new member
- ❖ Fill member name
- ❖ Fill member email
- ❖ Fill member destination
- ❖ Fill department or class
- ❖ Fill description
- ❖ Choose profile image
- ❖ Fill password and confirm password
- ❖ And then click clear to clear button or not click add button to add new member

Member List Form

UCSS ONLINE LMS Admin View ADMIN

Member List

Show 10 entries Search:

ID	Name	Destination	Department	Description	
1	oks	Student	Third Year	တတိယနှစ် (CS)	Delete
4	aungsithu	Educator	Language	တတိယနှစ် (CS)	Delete
5	waimyinthtet	Educator	Math	အဆင့်မြေပါရ	Delete
7	micho	Student	Third Year (CS)	အဆင့်မြေပါရ	Delete
8	soesoemon	Student	First Year	အဆင့်မြေပါရ	Delete
10	htaythanaung	Student	Third Year (CS)	တတိယနှစ် (CS)	Delete
11	khinhandarkyaw	Student	Third Year (CS)	Third Year (CS)	Delete

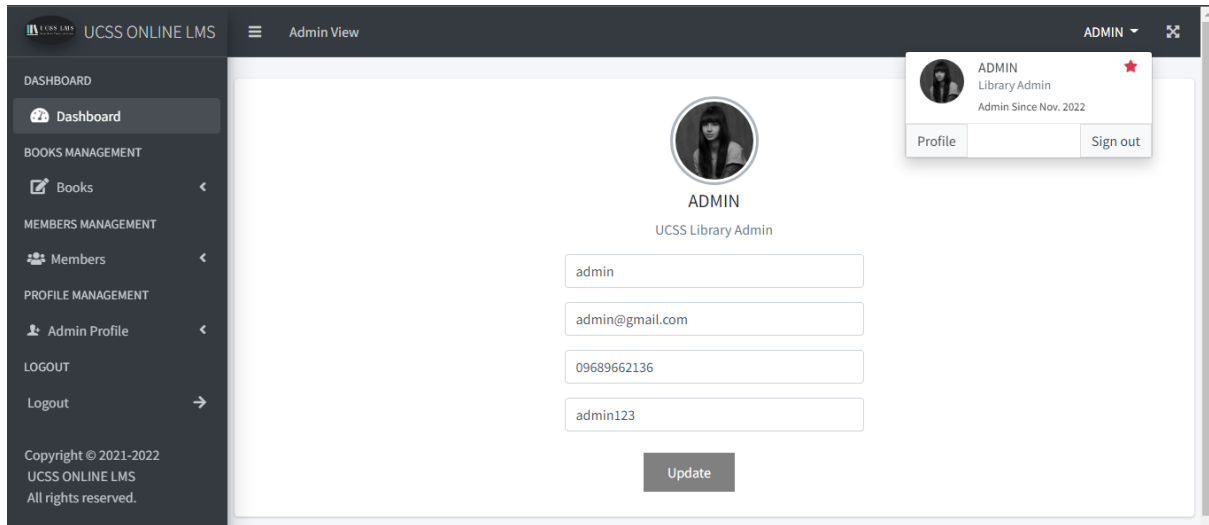
Showing 1 to 7 of 7 entries

Previous 1 Next

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- ❖ Admin can see member list of library
- ❖ Admin can delete and member by clicking delete button
- ❖ Admin can search book by any field (eg: id, book name, etc, ...)

Admin Profile Form



The screenshot displays the 'Admin View' of the UCSS ONLINE LMS interface. On the left, a dark sidebar contains a menu with categories: DASHBOARD (Dashboard), BOOKS MANAGEMENT (Books), MEMBERS MANAGEMENT (Members), PROFILE MANAGEMENT (Admin Profile), and LOGOUT (Logout). The main content area shows the 'Admin Profile' form. At the top, it features a profile picture placeholder, the name 'ADMIN', and the title 'UCSS Library Admin'. Below this, there are four input fields for 'admin', 'admin@gmail.com', '09689662136', and 'admin123'. An 'Update' button is positioned at the bottom of the form. In the top right corner, a user dropdown menu is open, showing the user's name 'ADMIN', title 'Library Admin', and 'Admin Since Nov. 2022', with options for 'Profile' and 'Sign out'.

UCSS ONLINE LMS Admin View

DASHBOARD
Dashboard

BOOKS MANAGEMENT
Books

MEMBERS MANAGEMENT
Members

PROFILE MANAGEMENT
Admin Profile

LOGOUT
Logout

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ADMIN
UCSS Library Admin

admin

admin@gmail.com

09689662136

admin123

Update

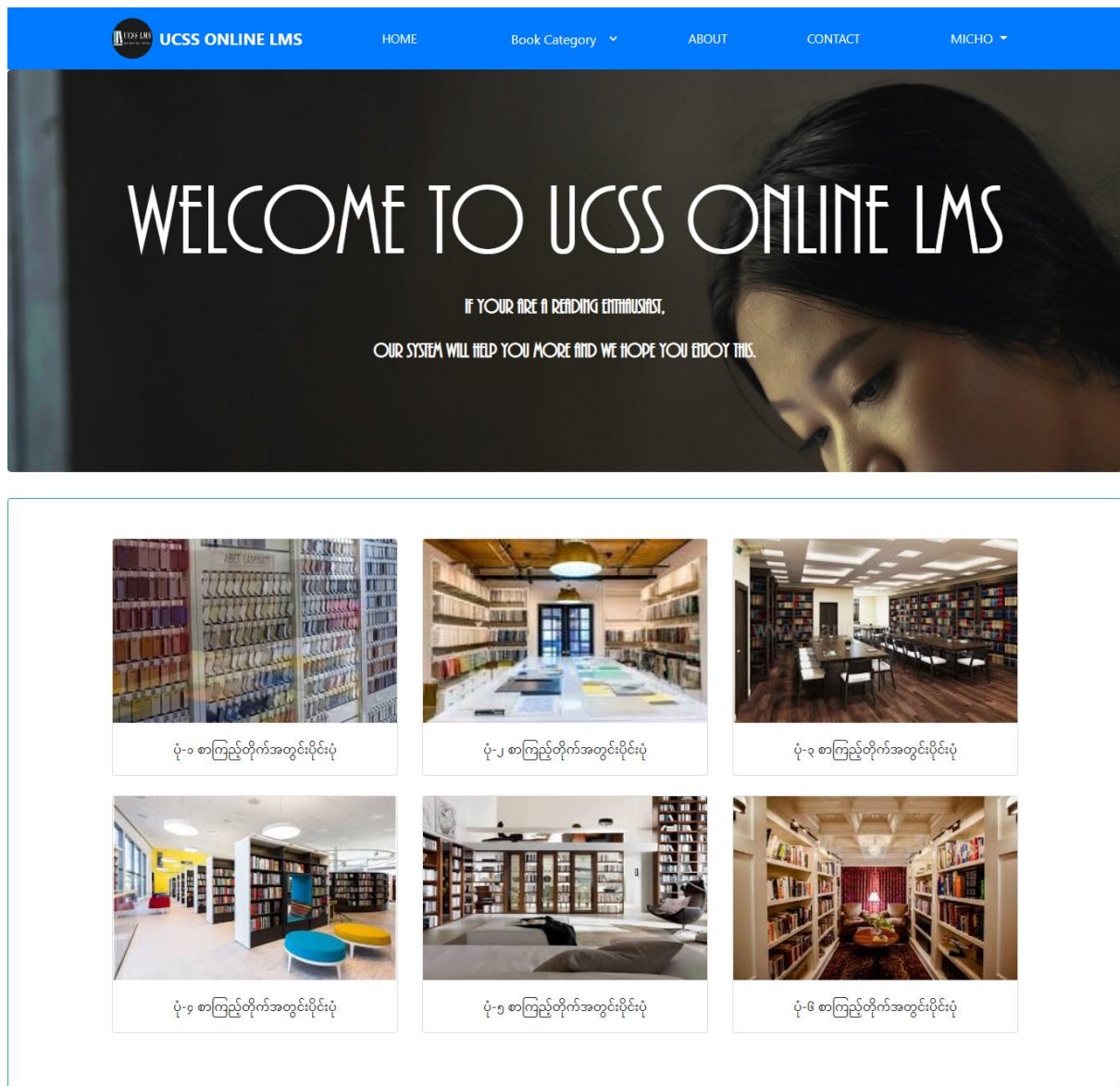
ADMIN
Library Admin
Admin Since Nov. 2022

Profile Sign out

- ❖ Admin can view his profile data
- ❖ Admin can update his profile data and sign out

Member Point of View Features

Member Home Page




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- ❖ Member can view system home page that include internal and external library design


Book Category Form

<div>  UCSS ONLINE LMS </div> <div>HOME</div> <div>Book Category ▾</div> <div>ABOUT</div> <div>CONTACT</div> <div>MICHO ▾</div>					
	Name		ISBN	Edition	Category
To Borrow	just friend	kg myat Hein	18	ဒုတိယအကြိမ်	Programming
To Borrow	တောင်တန်းတွေရဲ့အလွန်	ဘုန်းနိုင်	19	ပထမအကြိမ်	Programming
To Borrow	ခုနစ်အိမ်တန်းက မဂျမ်းပုံ	ချစ်ဦးညို	20	ပထမအကြိမ်	Programming
To Borrow	ချစ်သောပါဒကရီ	ချစ်ဦးညို	21	ပထမအကြိမ်	Programming
To Borrow	သူငယ်ချင်းလိုဘဲ ဆက်၍ခေါ်မည်မိုင်	ဘုန်းနိုင်	22	ပထမအကြိမ်	Programming
To Borrow	စည်းကုံးကြိုး	ခင်ခင်ထူး	23	ဒုတိယအကြိမ်	Programming
To Borrow	ဆံရစ်ဝိုင်းဝတ္ထုတိုများ	ခင်ခင်ထူး	24	ဒုတိယအကြိမ်	Programming
To Borrow	သုံးလွန်းတင်	ခင်ခင်ထူး	25	ဒုတိယအကြိမ်	Programming
To Borrow	ကာမသိဒ္ဓိကျမ်း	ပီမိုးနင်း	26	ဒုတိယအကြိမ်	Programming

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- ❖ Member can search and see books by selecting book category as she like
- ❖ If you want to borrow book, you can borrow by clicking to borrow button

Book Borrow Form

 UCSS ONLINE LMS

HOME

Book Category ▾

ABOUT

CONTACT

MICHO ▾

Book Borrow Form

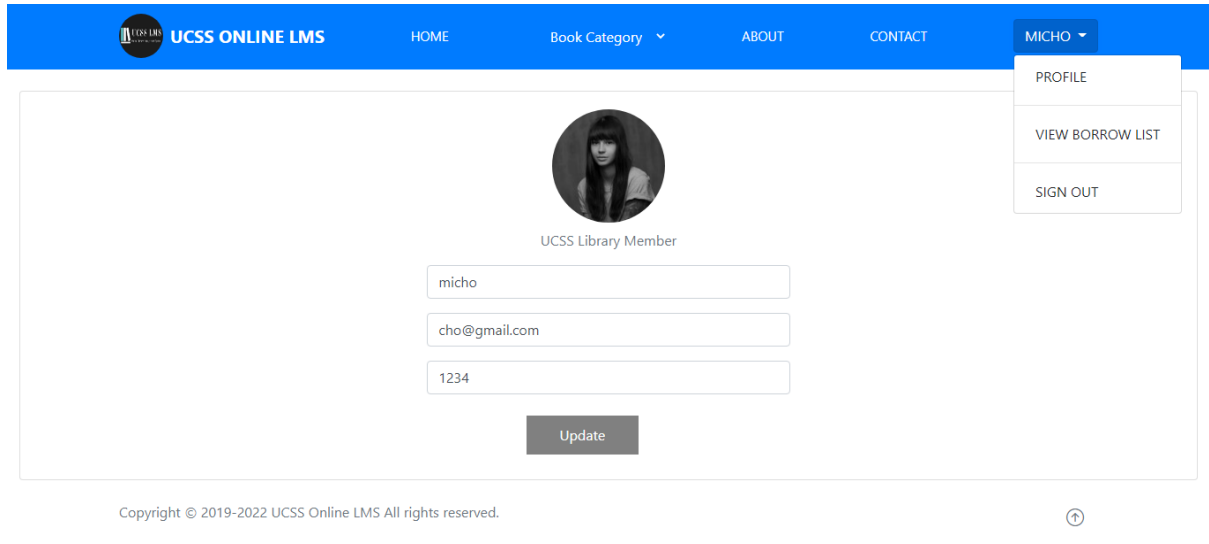
Borrower Name	Book Author
<input type="text" value="micho"/>	<input type="text" value="kg myat hein"/>
Borrower Phone	Borrow Date
<input type="text" value="09689662136"/>	<input type="text" value="Enter Borrow Date"/>
ISBN	Return Date
<input type="text" value="18"/>	<input type="text" value="Enter Return Date"/>
Book Name	Description
<input type="text" value="just friend"/>	<input type="text" value="Enter Description"/>
<input type="button" value="Clear"/>	<input type="button" value="Submit"/>

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- ❖ Borrow name and phone is selected from member logined username
- ❖ Book author, book name, isbn are also selected from you choosed book list
- ❖ Fill borrower date
- ❖ Fill return date
- ❖ Fille description about book borrowing

Member Profile Form



The screenshot shows the UCSS Online LMS interface. At the top is a blue navigation bar with the UCSS logo, the text "UCSS ONLINE LMS", and links for "HOME", "Book Category" (with a dropdown arrow), "ABOUT", "CONTACT", and "MICH" (with a dropdown arrow). The "MICH" dropdown menu is open, showing three options: "PROFILE", "VIEW BORROW LIST", and "SIGN OUT". Below the navigation bar is a white container for the member profile. It features a circular profile picture of a woman, the text "UCSS Library Member", and three input fields containing "micho", "cho@gmail.com", and "1234". Below these fields is a grey "Update" button. At the bottom of the page, there is a copyright notice: "Copyright © 2019-2022 UCSS Online LMS All rights reserved." and a small circular icon with a plus sign.

UCSS ONLINE LMS

HOME Book Category ▾ ABOUT CONTACT MICH ▾

PROFILE

VIEW BORROW LIST

SIGN OUT

UCSS Library Member

micho

cho@gmail.com


1234

Update

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- ❖ Logged member can view his profile data and her book borrow list
- ❖ Member can update her profile data
- ❖ Member can sign out

Our System About Form

 UCSS ONLINE LMS

HOME

Book Category ▾

ABOUT


CONTACT

MICHO ▾


ကွန်ပျူတာတက္ကသိုလ် စာကြည့်တိုက်

စာကြည့်တိုက် ဆိုသည်မှာ တက္ကသိုလ်တိုင်းတွင် ရှိသင့်သလိုပင် သောအရာတစ်ခုအဖြစ် မြင်မိပါသည်။ ထို့ကြောင့် ကျွန်တော်တို့ အေပရေဂျက်ကို ရွေးချယ်ရခြင်းဖြစ်ပါသည်။
ကျွန်တော်တို့ မန်တာ ၅ ယောက်လုံးက အချိန်တိုအတွင်း တတ်စွမ်းသလောက် ကြိုးစားမန်တီးထားပါသည်။


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❖ Logged Member can view system members

Our System Contact Form

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CONTACT FORM

First Name

Your first name..

Last Name

Your last name..

Phone

Your phone..

Email

Your email..

Description

Write something..

Submit

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⬆

- ❖ Logged member can see our system about page
- ❖ If you want to feedback about our system, you fill required data
- ❖ And click submit button to report

Section (4)

Conclusion

Our project is the most suitable project from people who enthausics reading and lazy to go library to borrow books by register once time by using online from anywhere. Reading can change many people and give much general knowledge and visions. All successful and famous people love to read and change their life by knowledge that get by reading. We hope that our project will help you to change if you are desired.