

CONTENT MANAGEMENT SYSTEM

A Integrated platform to share information and digital content

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Project Summary

A content management system (CMS) for a college is a software application that allows users to create, manage, and publish digital content, such as web pages, documents, and multimedia files. It provides a centralized platform for administrators, faculty, and students to collaborate and share information



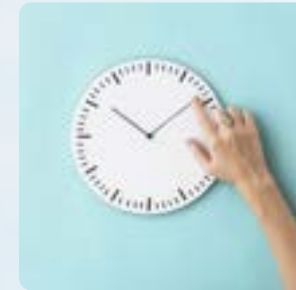
Data

- Reduced data redundancy.



Cost

- Reduced data entry, storage, and retrieval costs.



Time

- Database system are Simple, and time-saving to design

Project Goals

A content management system (CMS) for colleges is to provide an efficient and effective way to manage and publish digital content. In today's digital age, colleges produce a significant amount of content, including academic information, events, news and announcements, blogs, and other content related to the college.

1 Better Access to Information

A CMS also aims to provide better access to information for students and other users.

2 Improved Collaboration

Improve collaboration among different departments, students and stakeholders

3 Efficient Content Management

Manage content more efficiently with a CMS, colleges can create, edit, and publish content from a central location

Problem Statement

A content management system (CMS) can be a powerful tool for colleges and universities, allowing them to manage their digital content more efficiently and effectively. However, there are also a number of challenges and issues that can arise when implementing a CMS in an educational setting.

Volume

The sheer volume of content that needs to be managed.

Security

Need to ensure that sensitive information, such as student records and research data, is protected from unauthorized access

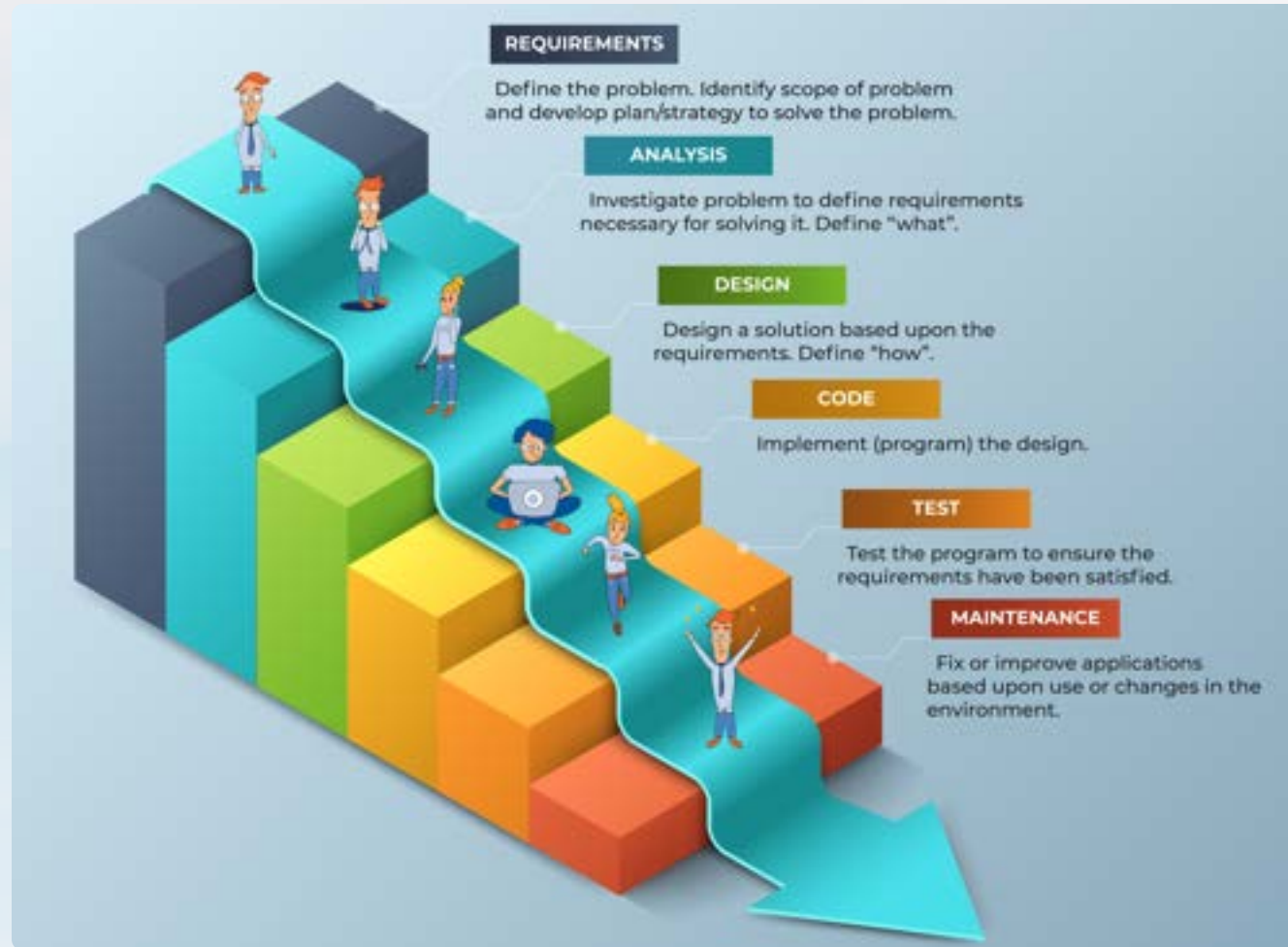
Integrated

The need to integrate with other systems and platforms.

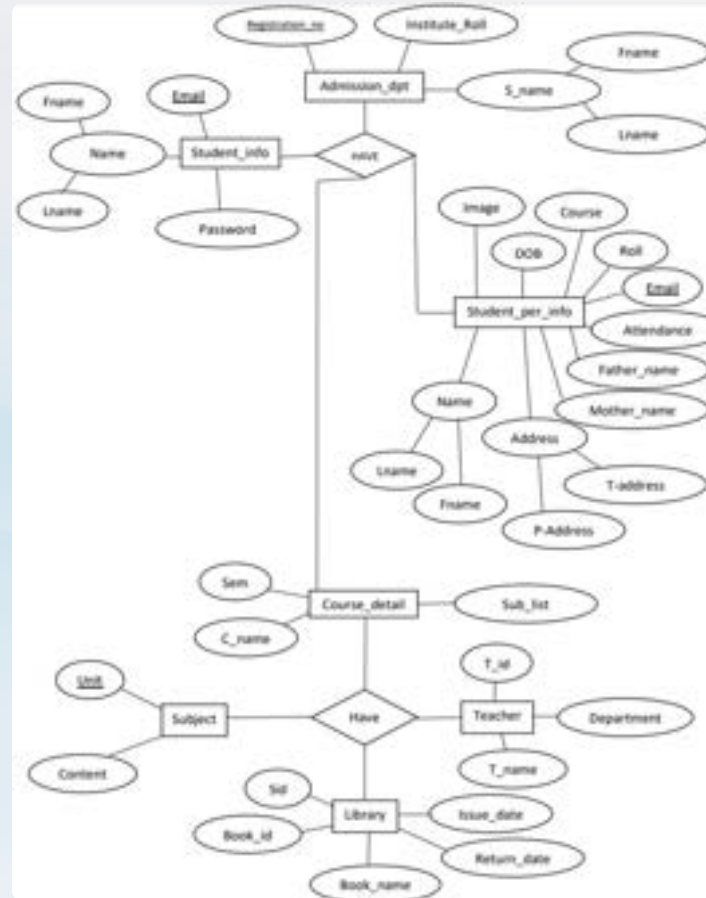
Regulation

Need to comply with various regulations and standards related to data privacy and security.

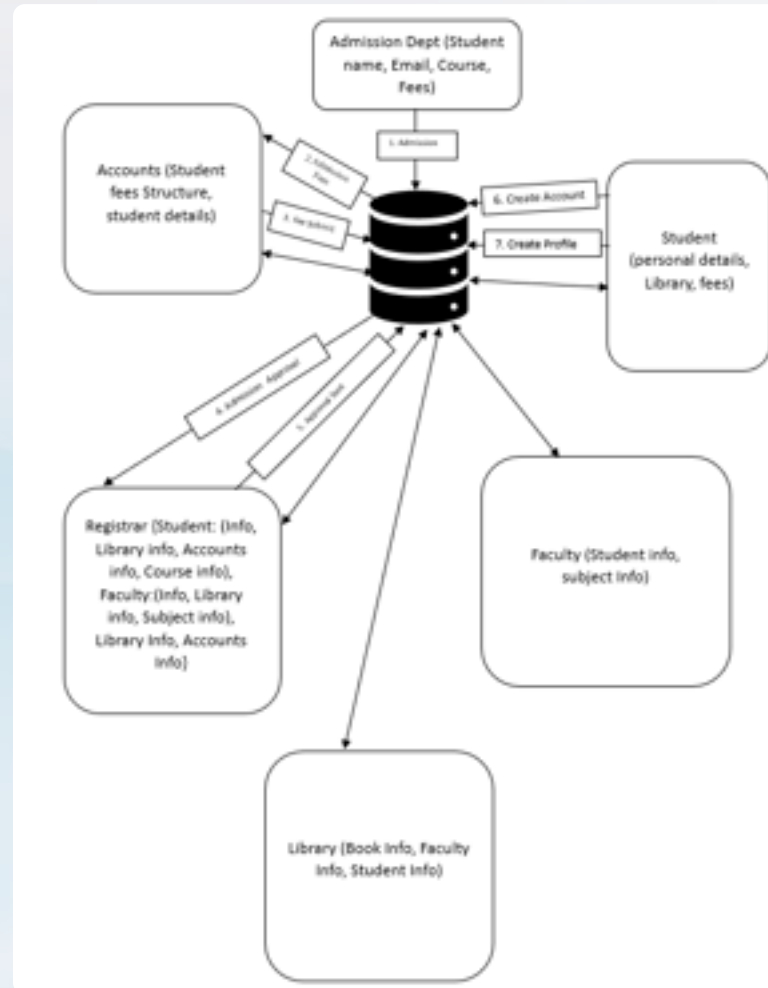
Model Use



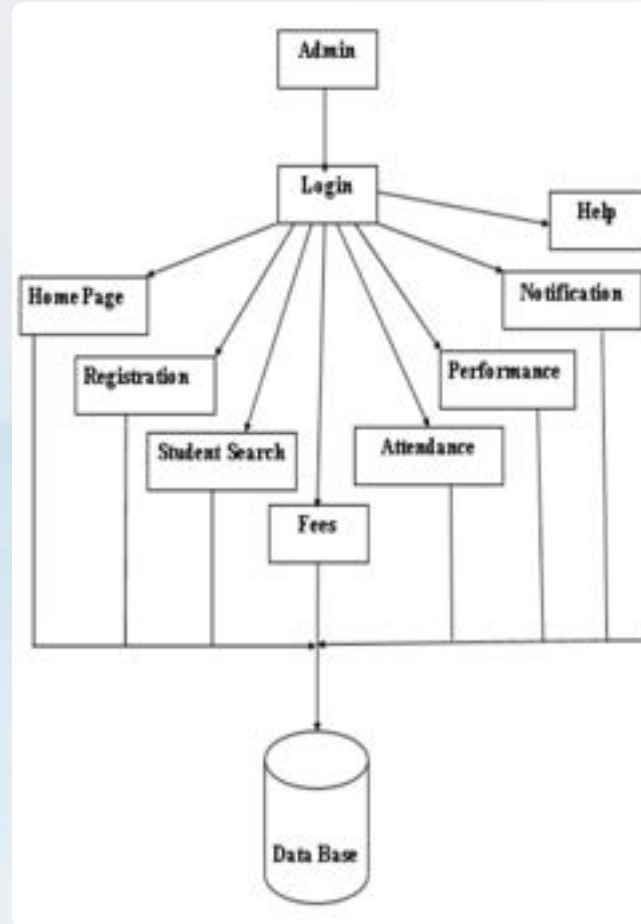
Entity Relationship Diagram



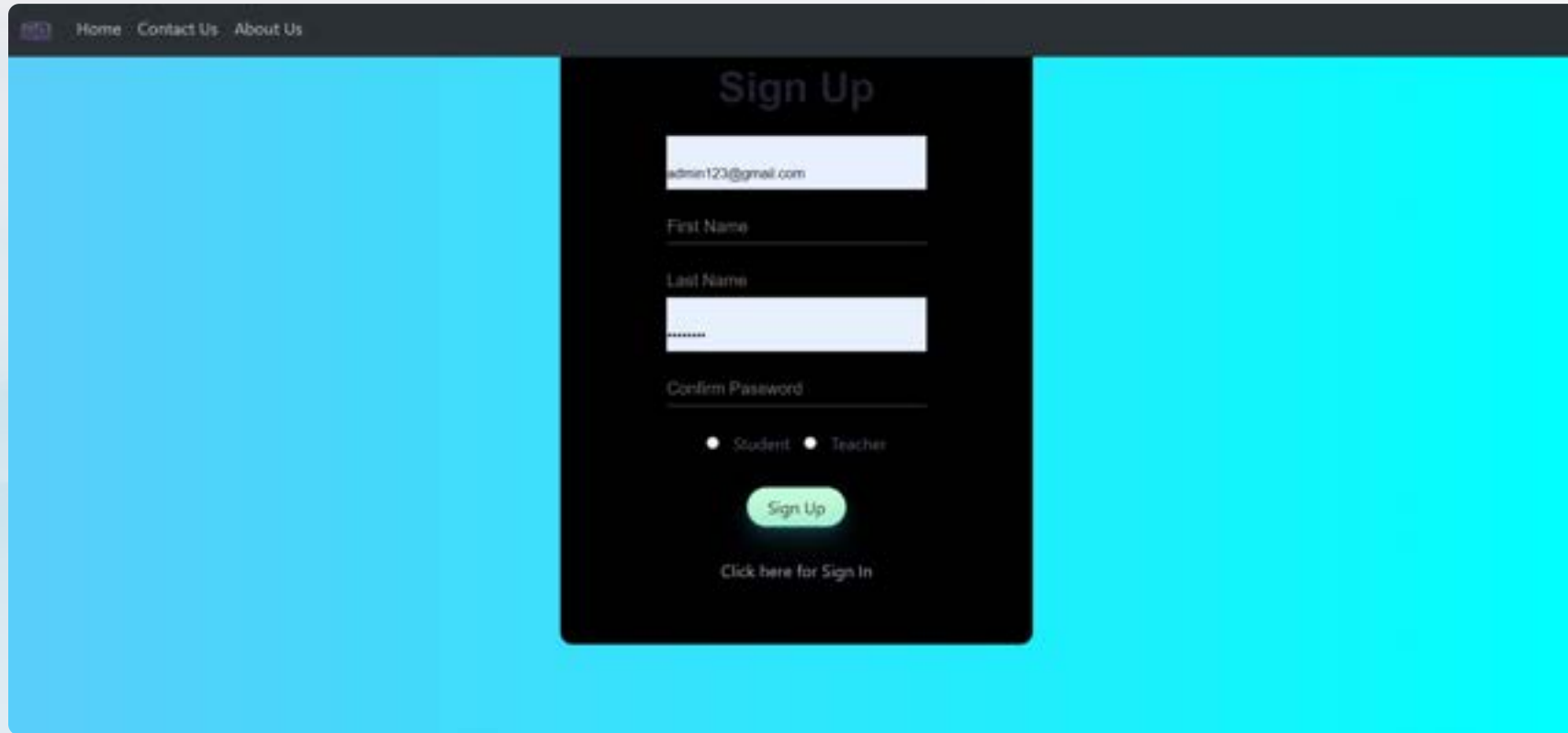
Conceptual Model



Data Flow Diagram



Working Snapshots




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Sign Up

☐ Student ☐ Teacher

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Admin Login

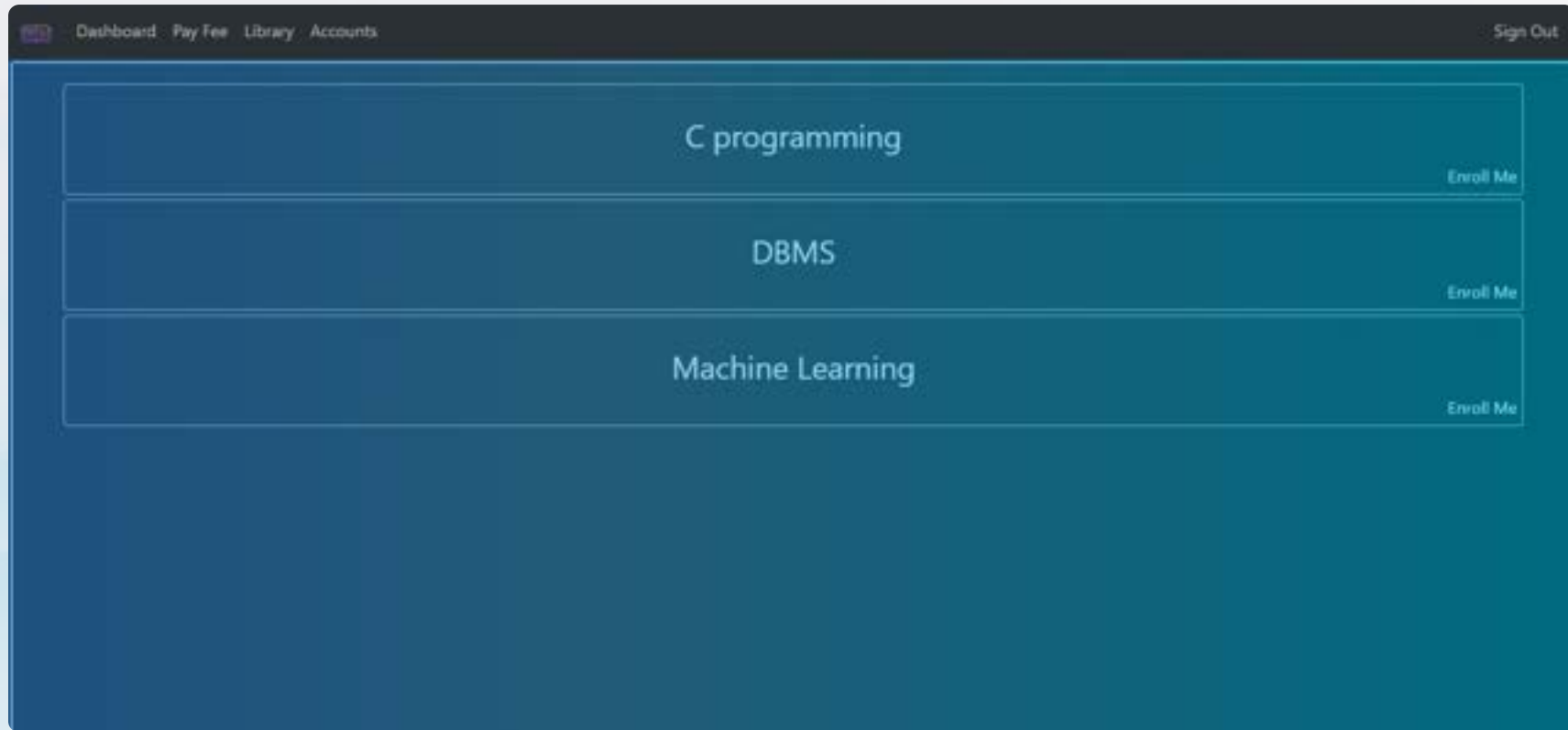
Email

Password

Submit

✕

Admin Login



Student View

Dashboard	MCA	1	C programming	Attendance
			Unit 1	
			2023050425-1.pdf	
			Unit 2	
			Unit 3	
			Unit 4	
			Unit 5	


Subject's Study Material

Dashboard Pay Fee Library Accounts Sign Out

Issue		Fine	
22		2	
Name	Author	Available	
Fundamentals of Computers	Rajaraman V	30	
Introduction to Computers	Norton Peter	40	
The Internet complete reference	Hahn	20	
DOS Guide	Norton Peter	40	
Programming in C	Guttfried	50	

127.0.0.1:8080/account/login*

Student's Library View

 Dashboard Pay Fee Library Accounts Sign Out								
<table><tr><td>Amount 60000</td><td>Paid 10000</td><td>Remain 50000</td></tr></table>			Amount 60000	Paid 10000	Remain 50000			
Amount 60000	Paid 10000	Remain 50000						
<table><tr><td colspan="2">Year : 1</td><td>Date : May 7, 2023, 9:03 a.m.</td></tr><tr><td colspan="2">Amount : 10000</td><td></td></tr></table>			Year : 1		Date : May 7, 2023, 9:03 a.m.	Amount : 10000		
Year : 1		Date : May 7, 2023, 9:03 a.m.						
Amount : 10000								

Student's Fees View

Dashboard	MCA	1	C programming
Enroll Students			
Gautam Singh			
Sagar Saini			
Unit 1			
2023050425-1.pdf			
Choose File		No file chosen	Upload
Unit 2			
Choose File		No file chosen	Upload
Unit 3			
Choose File		No file chosen	Upload
Unit 4			
Choose File		No file chosen	Upload
Unit 5			
Choose File		No file chosen	Upload


Faculty's View

Dashboard				
Student Name	May 17, 2023	May 18, 2023	May 26, 2023	
Gaurav Singh	P	P	P	
Sagar Saini	P	A	P	

Attendance

Dashboard Library		Sign Out	
Issued Books			
department	author		
book name			
IT	Rajaraman V	Fundamentals of Computers	
IT	Norton Peter	Introduction to Computers	
IT	Hahn	The Internet complete reference	
IT	Norton Peter	DOS Guide	
IT	Gottfried	Programming in C	

Faculty's Library View

 Sign Out

Admission Form

Email

First Name

Last Name

Fees Amount

Course : MCA

Submit

Admission Form

DashboardPay FeeRecordNew Admission

Sign Out

Admission Fee

Email

Course

Amount

PAY


Account Department View

DashboardPay FeeRecordNew Admission

Sign Out

	MBA	BCA	BBA	B.COM	LLB	BA.LLB	B.ed	B.pharma	D.pharma
EMAIL	FIRST NAME	LAST NAME		COURSE		REGISTRATION AMOUNT		PAYMENT	
gaunee19071999@gmail.com	Gaunee	Singh		MCA		10000		Amount	Pay
rajakumard2019@gmail.com	Sagar	Joshi		MCA		1000		Amount	Pay

Account's Department View

<div>  Dashboard Book Return Book Issue Add Book </div> <div>Sign Out</div>						
NAME	AUTHOR	TOTAL	AVAILABLE	DUE		
Fundamentals of Computers	Rajeshwar V	30	30	0		
Introduction to Computers	Nelson Peter	40	40	0		
The Internet complete reference	Hahn	20	20	0		
DOS Guide	Nelson Peter	40	40	0		
Programming in C	Gottfried	50	50	0		


Library's Department View

[Dashboard](#) · [Book Return](#) · [Book Issue](#) · [Add Book](#) Sign Out

Books Return

Department:


Library's Department View

 [Dashboard](#) [Book Return](#) [Book Issue](#) [Add Book](#) [Sign Out](#)

Books Issue

Department:

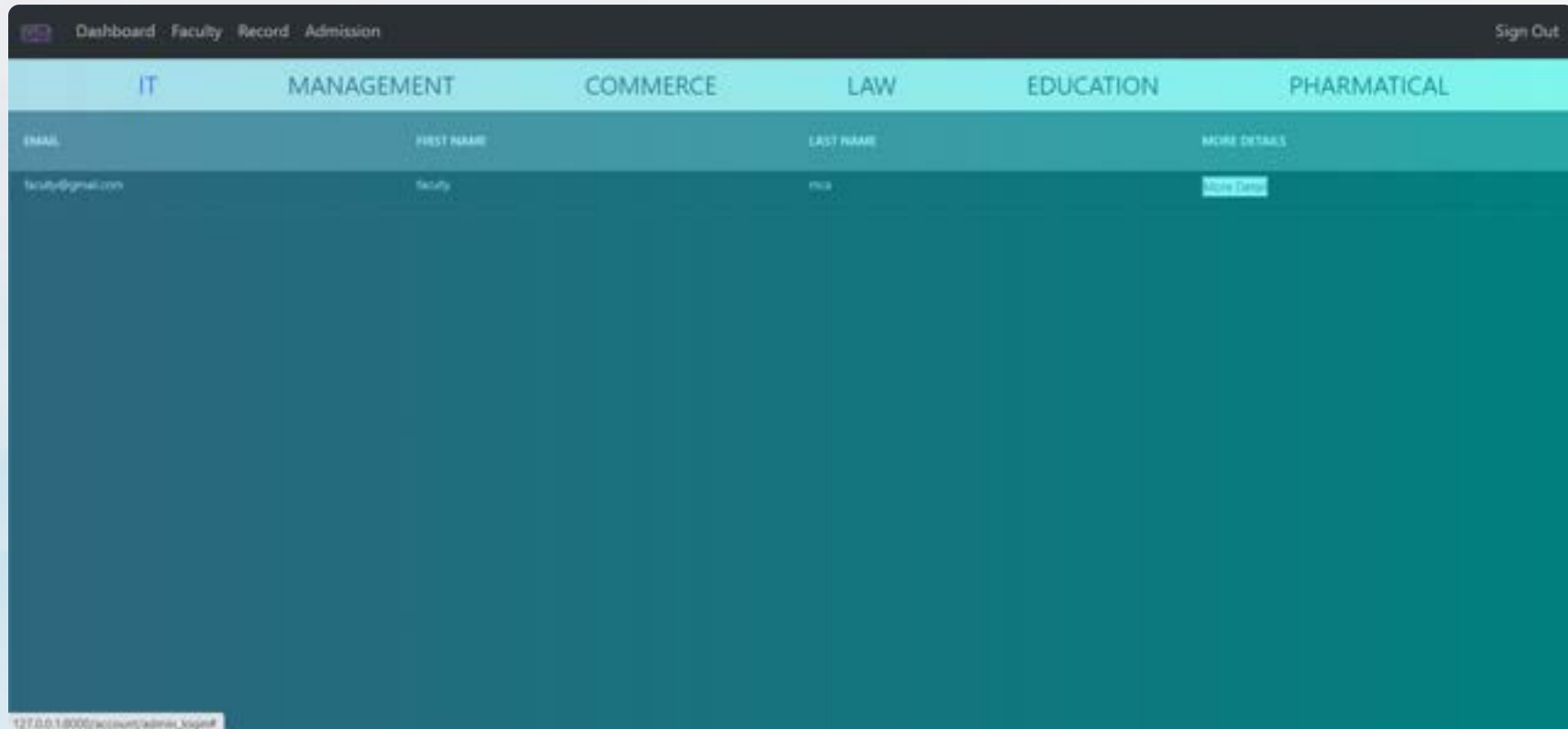
Library's Department View

 [Dashboard](#) · [Book Return](#) · [Book Issue](#) · [Add Book](#) Sign Out

Add Books

<input type="text" value="Name"/>	<input type="text" value="Author"/>
Department: <input type="text" value="IT"/>	<input type="text" value="Quantity"/>
<input type="button" value="Add"/>	

Library's Department View

A screenshot of a web application interface for a Registrar. The top navigation bar is dark grey with links for 'Dashboard', 'Faculty', 'Record', and 'Admission'. A 'Sign Out' link is on the right. Below this is a light blue header with six category tabs: 'IT', 'MANAGEMENT', 'COMMERCE', 'LAW', 'EDUCATION', and 'PHARMATICAL'. The main content area is a table with columns: 'EMAIL', 'FIRST NAME', 'LAST NAME', and 'MORE DETAILS'. The first row contains the data 'faculty@gmail.com', 'Faculty', 'FAC', and a 'More Details' button. The table is set against a teal background.

Dashboard Faculty Record Admission Sign Out			
IT MANAGEMENT COMMERCE LAW EDUCATION PHARMATICAL			
EMAIL	FIRST NAME	LAST NAME	MORE DETAILS
faculty@gmail.com	Faculty	FAC	More Details

Registrar View

Goto Dashboard

faculty@gmail.com

Name : faculty mca

Phone no : 9814562452

Department : IT

Detail :

House no : 123

Socity : shyam park

Landmark : shaym park metro

District : ghaziabad

State : Uttar Pradesh

Pin Code : 201007

Course	Year	Subject
MCA	1	C programming
MCA	1	DBMS
MCA	1	Machine Learning

Course :

Year :


Subject :

MCA

1

submit

Registrar View


[Dashboard](#)
[Faculty](#)
[Record](#)
[Admission](#)

Sign Out

MCA		MBA		BCA		BBA		B.COM		LLB		BA.LLB		B.ed		B.pharma		D.pharma		
1										2										
EMAIL	FIRST NAME	LAST NAME	COURSE	YEAR	TOTAL FEE	PAID	REMAINING													
gaurav907199@gmail.com	Gaurav	Singh	MCA	1	60000	10000	50000													
sagarikumar309@gmail.com	Sagar	Verma	MCA	1	1000	None	None													

127.0.0.1:8000/account/fees/index#

127.0.0.1:8000/accounts/admin_login#

Registrar View



Thank You for Your Attention

We want to express our sincere gratitude for your attention. Your trust in our project means the world to us. We're excited to continue working hard to deliver the best possible results. Thank you again for your trust and support!