



PSD Shastri Educational Foundation's
ASMA INSTITUTE OF MANAGEMENT
Approved by AICTE, New Delhi. Affiliated to Savitribai Phule Pune University (Inst. Code: 6164)
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**Project Report of
Shrikant Poul
(ITC41), (MCA)**

Director

PSD Shastri Educational Foundation's
ASMA Institute of Management



A
PROJECT REPORT ON
COLLEGE MANAGEMENT SYSTEM

SUBMITTED BY - SHRIKANT POUL
(EXAM SEAT NO - 2292)

CLASS: MCA II YEAR

UNDER THE GUIDANCE OF
PROF. SARIKA JADHAV

SAVITRIBAI PHULE PUNE UNIVERSITY
MASTER OF COMPUTER APPLICATION



ASMA Institute Of Management College
Shivane Pune 411023


Director



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ASMA Institute Of Management College

Shivane Pune 411023


Director

1





**ASMA Institute Of Management College
Shivane Pune 411023**

CERTIFICATE

This is to certify that **Mr. Shrikant Poul** is a bonafide student of ASMA Institute of Management, Pune-23, has successfully completed the project work in the Partial Fulfillment of Master of Computer Application (MCA) Program as per guidelines provided by the Savitribai Phule Pune University for Academic Year 2023-24

Prof. Sarika Jadhav
Project Guide

Prof. Prakash Patil
HOD

Dr. Tannu Ganesh
Director
PSD Shastri Educational Foundation's
ASMA Institute of Management

External Examiner:

Internal Examiner:

Date: 25 / 05 / 2024

Place: Pune



Declaration

To,
The Principal,
ASMA Institute of Management
Shivane, Pune-23

Respected Sir,

I, **Mr. Shrikant Poul** hereby declare that the Project entitled
“ **College Management System** ” has been developed and submitted under
the guidance of Prof. Sarika Jadhav is my original work.

The Project work presented here is my own work and has not been
duplicated from any other sources.

Date: 25/05/2024

Place : Pune

Yours Sincerely

Shrikant Poul


Director
PSD Shesiri Educational Foundation's
ASMA Institute of Management



Acknowledgement

I would take this opportunity to thank Tannu Ganesh Sir, Director of ASMA for their extended support to me throughout the course.

I would like to thank Prof. Prakash Patil sir, HOD, MCA Department for scholarly disposition, timely guidance, support and cooperation.

I would like to thank Prof. Sarika Jadhav for his/her kind guidance, keen interest, continuous encouragement and inspiration throughout the project work.

Finally, I am grateful to all the staff members of ASMA for their cooperation and support.

I also thankful to get constant encouragement, support and guidance from all teaching and non-teaching staff for their support which helped us in successfully completion of our project work.

Mr. Shrikant Poul

Exam Seat No:- 2292



Director

PSD Shastri Educational Foundation's
ASMA Institute of Management





Internship Letter

Ref No :SET/IR/2017/080
Date :28th December 2023

To,
Shrikant Poul,

We are pleased to appoint you as "Intern" on the following terms and conditions: -

You will be on probation for a period of 6 months from the date of commencement of your employment. Such probation shall be confirmed in writing by the company subject to satisfactory performance during this period.

At present you will be posted at our Pune Location. However, your services are liable to be transferred to any other department, work sites, offices, branches, factories associate or group companies anywhere in India/outside India depending upon the exigencies of work.

Matters pertaining to your remuneration are treated in strictest of confidence by the Company and the same is expected on your part. You shall maintain complete confidentiality in all the information herein disclosed to you. Any inconsistent action by you involving a disclosure of these details will attract strict disciplinary action. Your appointment is subject to your being certified fit by our Medical Officer.

You will join the Services of the Company on **03rd January 2024**. You are requested to bring the following

documents along with you, at the time of joining

- (A) A photocopy of Certificates each of proof of Age, Qualification and Experience.
- (B) Five copies of your recent Identity Card size & one copy of stamp size color photograph.
- (C) A photocopy of Relieving letter from your previous Employer.
- (D) Photocopy of documents showing account number of Provident Fund & Family Pension Account if any.

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Please Contact HR Department At 09.00 A.M. On The Date Of Joining. To Complete The Joining Formalities. Please Sign And Return A Duplicate Copy Of This Letter In Token Of Your Acceptance Of The Terms Contained Herein And Let Us Know The Date On Which You Will Join Our Services. We Welcome You To Our Organization & Look Forward To Having A Long-Term & Mutual Beneficial Association With Us.

For SoftwareEra Technologies







Nilesh U
HR & Admin

I Have Read And Understood The Terms And Conditions Mentioned Above And In The Annexure. I Undertake That There Would Be No Breach Of This Confidentiality Agreement. I Hereby Accept The Engagement On The Said Terms And Conditions. By Accepting This Offer, I Authorise You To Verify The Documents From An Outside Background Screening Agency, Which Includes My Current/Previous Employment History, Educational / Professional Credentials And Background Verification.

Signature And
Name:

Date:

 www.software-era.com  +91 7420956126  hr@software-era.com
 S3 Q BLDG D DARSHAN S 1785 B1A SECT NO26 PCNTDA
PUNE NIGADI 411044


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ABSTRACT

College management is when a group of people and resources work together to plan, organize, strategize, and put in place structures to run an educational system. The college management system oversees enrollment, admissions, students, faculty, attendance, fees, scheduling, assignments, grades, and the institution as a whole. The college management system is designed to automate all the processes included. It generates automatic reports on all elements for data-driven decision-making. The college information management system, in general, helps educational institutions by automating regular administrative tasks. It's called a "college administration system," and it has a lot of features, like apps, student achievement assessments, and more. The College Management System is a comprehensive software solution designed to streamline and automate various administrative and academic processes within a college or educational institution. This system aims to enhance efficiency, improve communication, and provide better access to information for students, faculty, and administrators. Overall, the College Management System serves as a centralized platform for managing all aspects of college administration and academic operations, promoting efficiency, transparency, and collaboration across the institution.



Director
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ASMA Institute of Management



Table of Contents

- Cover page and Certificate
- Table of Contents

Chapter 1: Introduction

- 1.1 Overview of Projects
- 1.2 Problem definition
- 1.3 Existing System
- 1.4 Scope of the project

Chapter 2: Requirement Analysis

- 2.1 Software Requirement
- 2.2 Hardware Requirement

Chapter 3: System Design

- 3.1 Modules of Project
- 3.2 Data Flow Diagram (DFD)
- 3.3 Functional Decomposition Diagram (FDD)
- 3.4 Entity Relationship Diagram (ERD)
- 3.5 Data Dictionary
- 3.6 Table Specification.
- 3.7 Menu Tree

Chapter 4: Implementation And Results

- 4.1 Menu Screens
- 4.2 Input Screens
- 4.3 Reports

Chapter 5: Conclusion And Future Work

- 5.1 Future Enhancement
- 5.2 Conclusions

Chapter 6: Bibliography

Chapter 7: References



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Chapter 1: Introduction

1.1 Introduction

The "College Management System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. College Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Course, College, Faculty, Exam, Students. Every College Management System has different College needs; therefore, we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to resources better manage.

1.2 Problem Definition

The numerous functions in the college's management process are the subject of this project. The fundamental concept is to add a proper process to the system. This system has a lot of features that can be used for everything from registration to finding students to paying fees to go to class and keeping track of your grades. Personal and family information, demographic information, emergency contacts, health data, academic transcripts, extracurricular activities and achievements, attendance records, and other things are in it. It also has pictures, demographic data, and more. The traditional methods of managing administrative and academic processes within colleges and educational institutions are often cumbersome, inefficient, and prone to errors. Manual record-keeping, communication barriers, and disjointed systems lead to operational inefficiencies, delays, and inaccuracies in managing student information, faculty assignments, course schedules, examinations, financial transactions, and library resources. Additionally, the lack of centralized data management and reporting mechanisms hinders decision-making and strategic planning.



1.3 Existing System

In this section, we will discuss the existing system and some of its drawbacks which force us to plan this whole idea of developing an online college management system. Let us take an example Initially colleges appoint many employees to maintain the record of the student, teachers, other staff, employees' salaries, and student's fees. If any student wants to submit the fee, he/she needs to go to the fee counter for paying their fees and wait for one to two days for updating and again went to the fee office to know the status, and this whole record uses to maintain on card and files so there might be chances of missing. Suppose if some student comes and asks for the status of his fee after one month then the worker will open his file and search it manually for the student's name which will take time. Suppose we want to organize an event in college we need to create posters, banners and make an announcement in classes so that students participate but if any student got absent on that day, then he will remain unnotified.

1.4 Scope of the project

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to College Management System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly. The scope of the College Management System project encompasses the development and implementation of a comprehensive software solution to address the administrative and academic needs of the college. The project aims to streamline processes, enhance communication, improve data management, and empower administrators with advanced reporting and analytics capabilities. Overall, the College Management System project aims to deliver a comprehensive and integrated solution that addresses the administrative and academic needs of the college, enhances operational efficiency, and improves the overall academic experience for students, faculty, and administrators.



Chapter 2: Requirement Analysis

2.1 Software Requirement

- **Software Platform:** Eclipse
- **Database:** XAMPP

2.2 Hardware Requirement

- Hardware platform: - Intel core i3 or above
- RAM of 512 or above MB - Hard Disk 30GB or above GB



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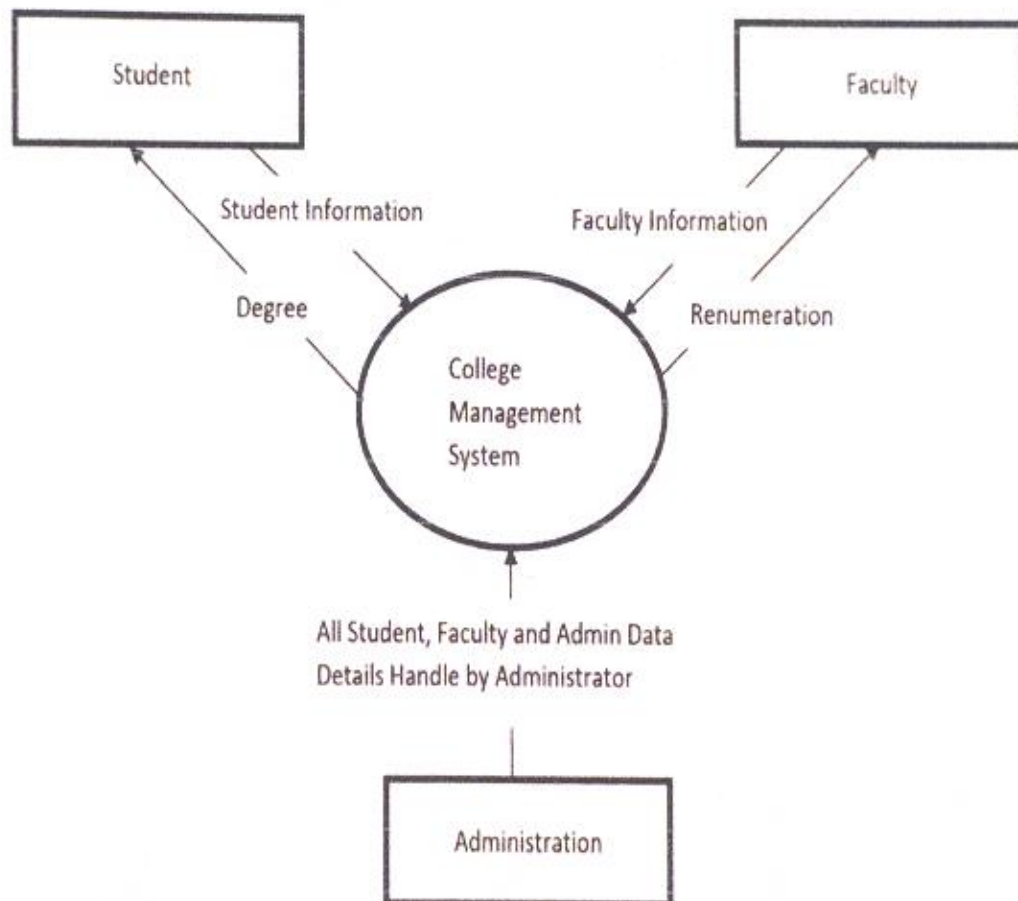
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Chapter 3: System Design

3.1 Modules of Project:

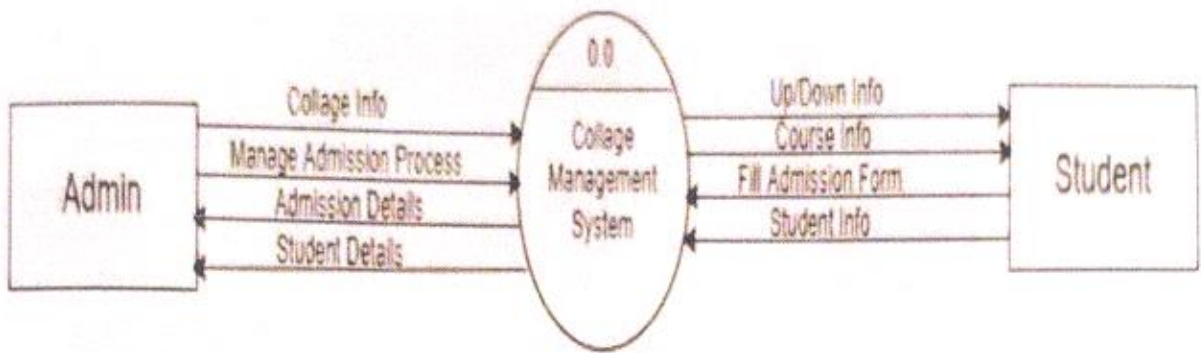
- Admin Module: Manages all aspects of college operations, ensuring efficient College management.
- Student Module: Enables users to effortlessly manage diverse Student details.
- Faculty Module: Dedicated to managing student and associated tasks.



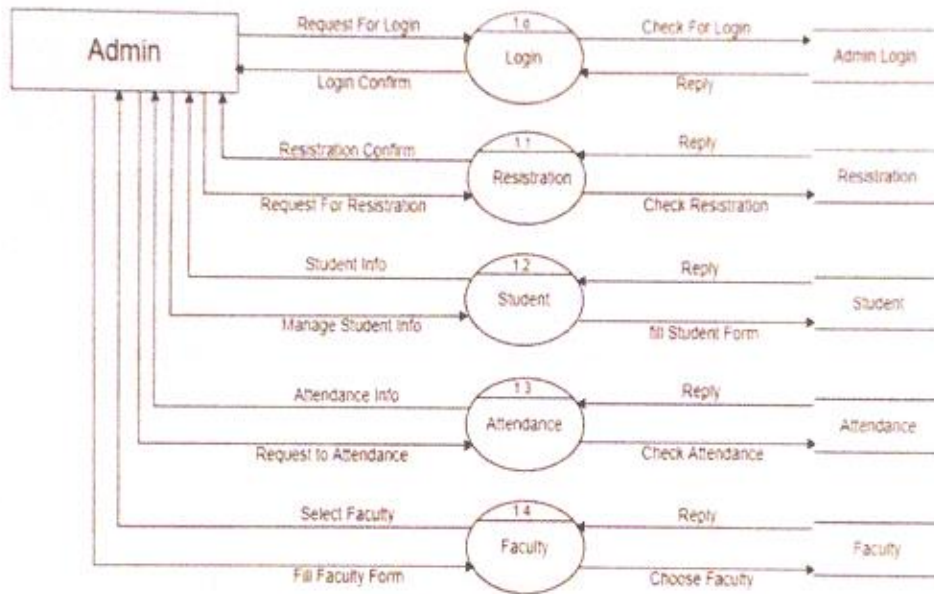
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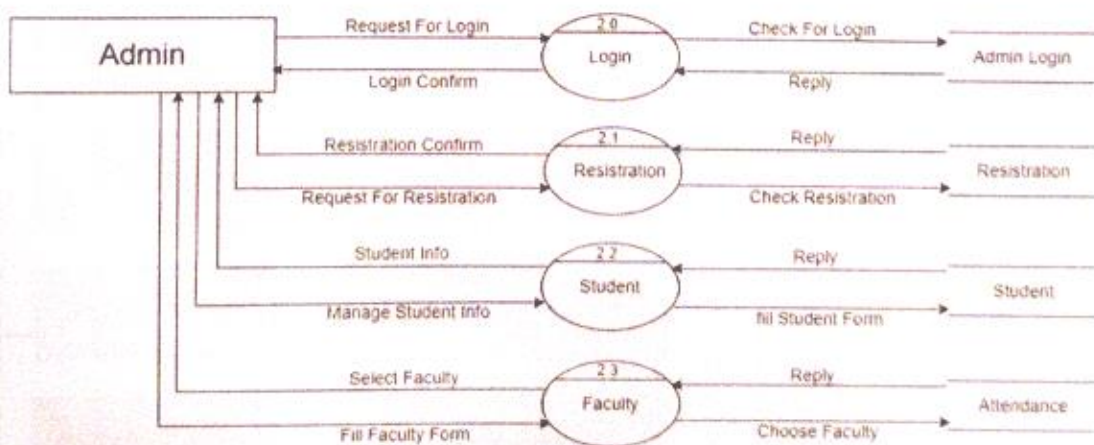
3.2 Data Flow Diagram (DFD):



Level 0



Level 1



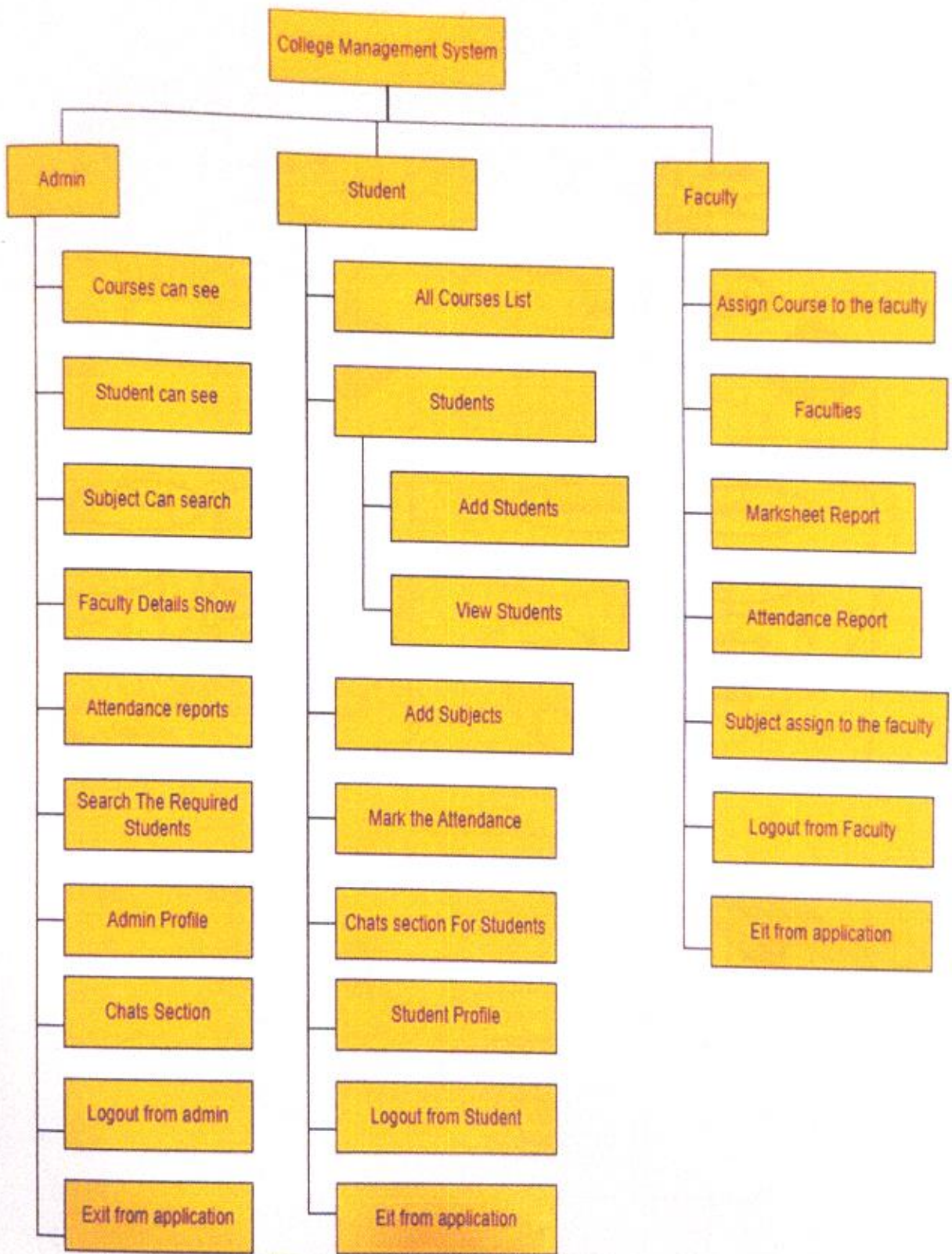
Level 2

Director

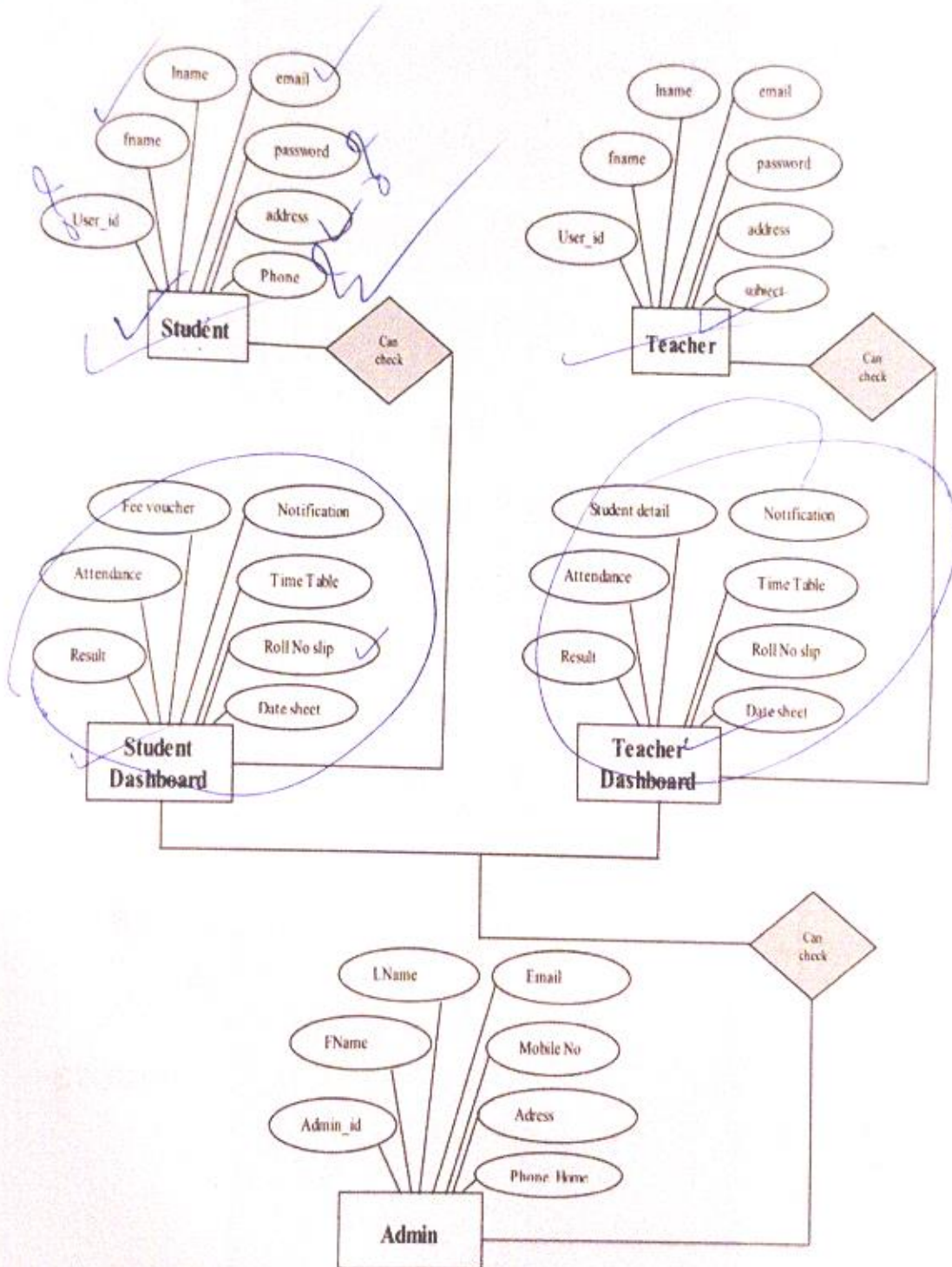


3.3

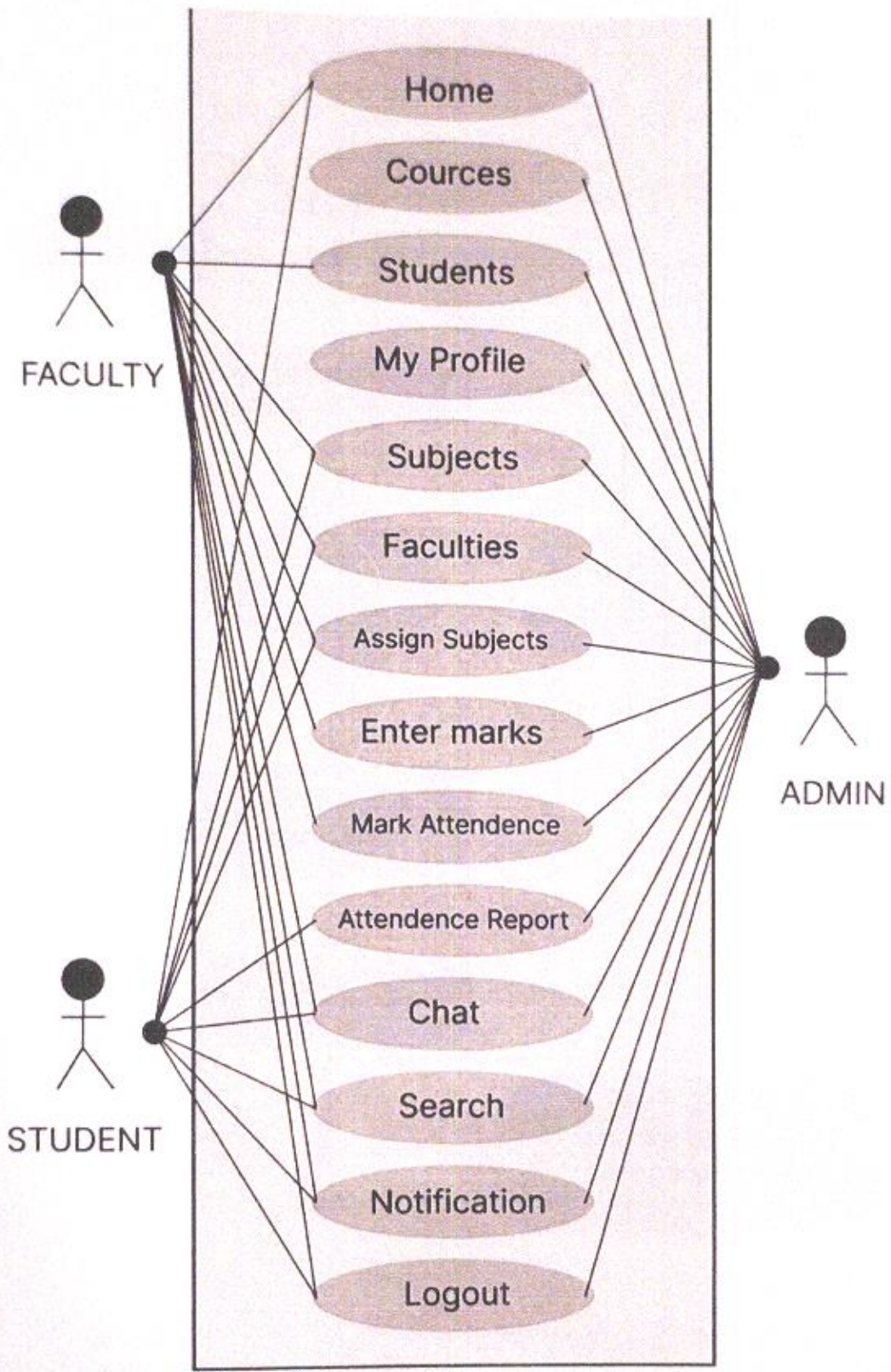
Functional Decomposition Diagram (FDD):



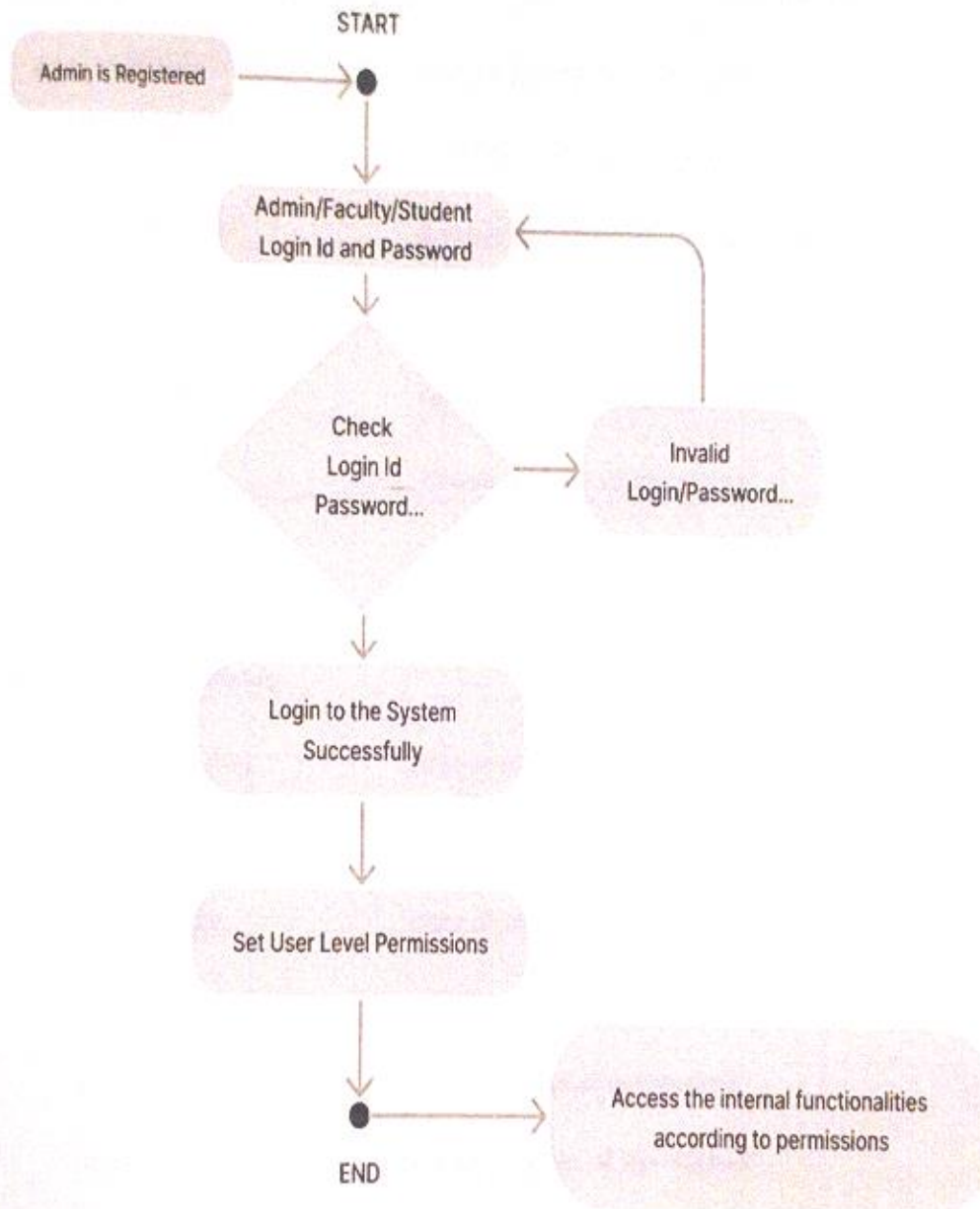
3.4 Entity Relationship Diagram (ERD):



3.5 Use Case Diagram



3.6 Login Activity Diagram



3.7 Data Dictionary:

1.Admin Panel:

Table Name	Fields	Description
admins	AdminID (PK)	Unique identifier for each admin
	Username	Username for admin login
	Password	Encrypted password for admin login
	Name	Full name of the admin
	Email	Email address of the admin
	Phone	Phone number of the admin

2.Student Panel:

Table Name	Fields	Description
students	StudentID (PK)	Unique identifier for each student
	Name	Full name of the student
	DateOfBirth	Date of birth of the student
	Gender	Gender of the student
	Email	Email address of the student
	Phone	Phone number of the student
	Address	Address of the student
	DepartmentID (FK)	Foreign key referencing the department table
	BatchID (FK)	Foreign key referencing the batch table



3. Faculty Panel:

Table Name	Fields	Description
Faculty	FacultyID (PK)	Unique identifier for each faculty member
	Name	Full name of the faculty member
	DateOfBirth	Date of birth of the faculty member
	Gender	Gender of the faculty member
	Email	Email address of the faculty member
	Phone	Phone number of the faculty member
	Address	Address of the faculty member
	DepartmentID (FK)	Foreign key referencing the department table
	Designation	Designation of the faculty member



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3.8 Table Specification:

1. Admin Table:

Field Name	Data Type	Size	Description
Admin_ID	Integer	10	Unique identifier for each admin
Username	String	50	Username for admin login
Password	String	100	Encrypted password for admin login
Name	String	100	Full name of the admin
Email	String	100	Email address of the admin
Phone	String	20	Phone number of the admin

2. Student Table:

Field Name	Data Type	Size	Description
Student_ID	Integer	10	Unique identifier for each student
Name	String	100	Full name of the student
Email	String	100	Email address of the student
Phone	String	20	Phone number of the student
Address	String	100	Address of the student
DateOfBirth	Date		Date of birth of the student
Gender	String	10	Gender of the student



3. Faculty Table:

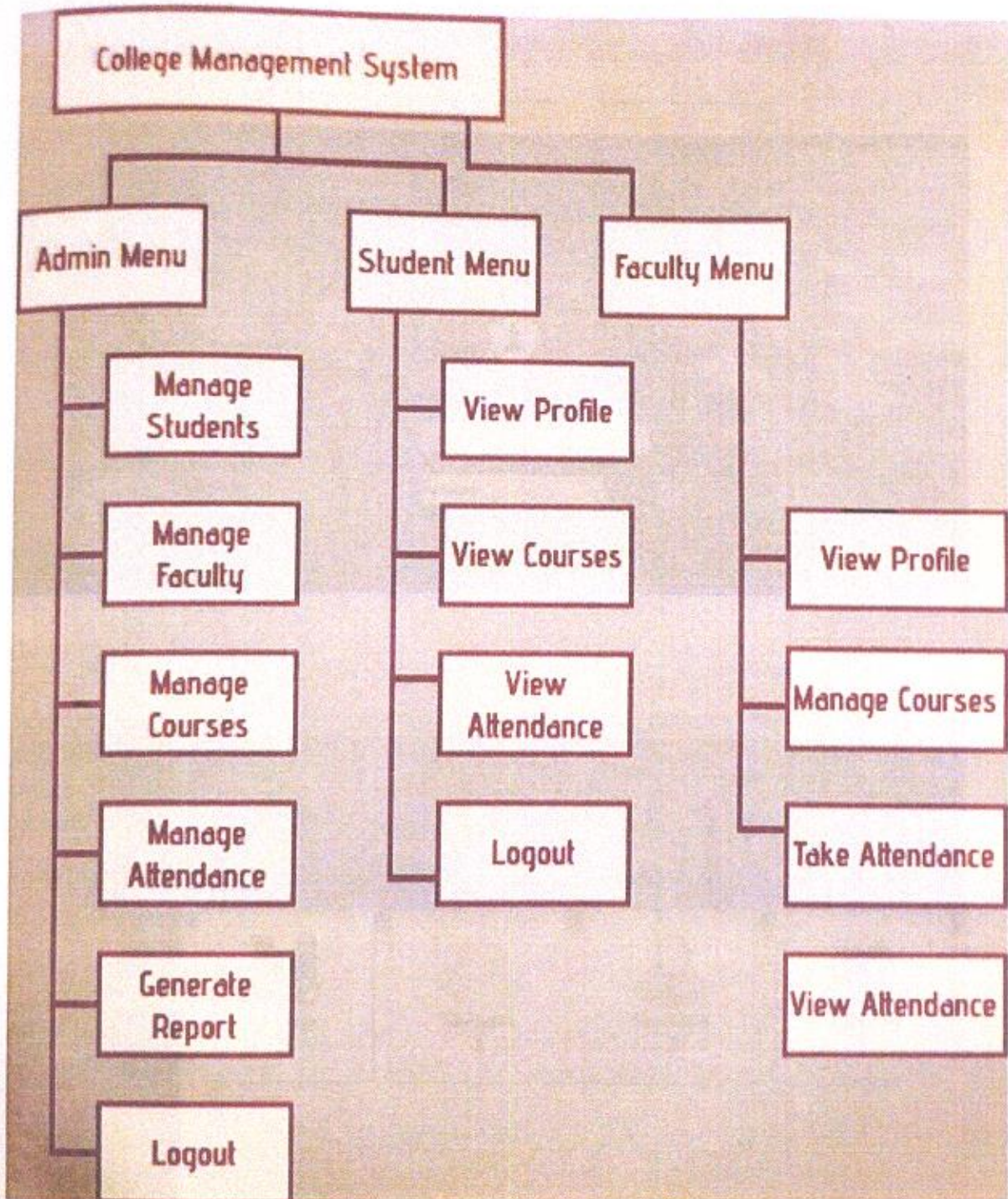
Field Name	Data Type	Size	Description
Faculty_ID	Integer	10	Unique identifier for each faculty
Name	String	100	Full name of the faculty
Email	String	100	Email address of the faculty
Phone	String	20	Phone number of the faculty
Address	String	100	Address of the faculty
DateOfBirth	Date		Date of birth of the faculty
Gender	String	10	Gender of the faculty
Designation	String	50	Designation of the faculty



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3.9 Menu Tree:



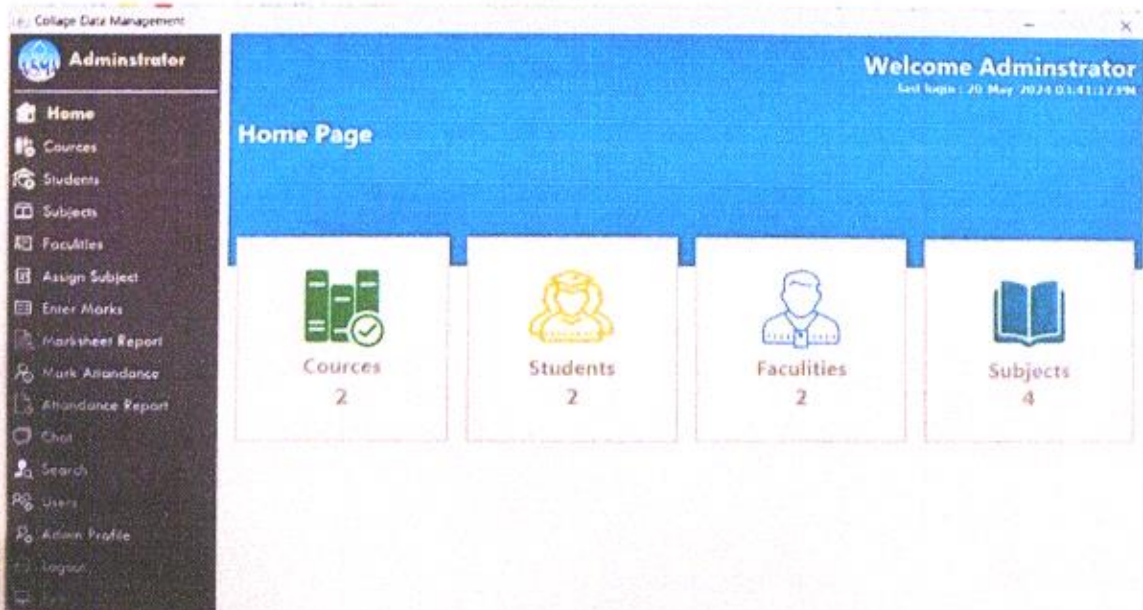
[Handwritten Signature]
Director



Chapter 4: Implementation & Results

4.1 Input Screens

4.1.1 Admin Module



[Handwritten Signature]
Director



- Administrator
- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Worksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Users
- Admin Profile
- Logout
- Exit

All Courses

Roll Generator Add Course

Index no.	Course Code	Course Name	Subjects	Students	Total Sem/Year
1	1	MCA	3	2	4 sem
2	2	MBA	1	0	4 sem

- Administrator
- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Worksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Users
- Admin Profile
- Logout
- Exit

All Students

Photo View View Student Add Student

Class	Roll Number	Student Name	Course Name	Sem/Year
1	11	Shrikant Poul	MCA	sem-1
1	12	Ashish Gore	MCA	sem-1

Signature

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ASMA Institute of Management



- Administrator
- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Users
- Admin Profile
- Logout
- Exit

Subject Management

Select Course: MCA
Select Semester/Year: Semester 4

Add New Subject

Subject Code	Subject Name	Sem/Year	Subject Type	Theory Marks	Practical Marks
14101	DEVOPS	4	core	50	50
14102	PPM And OB	4	core	50	50

- Administrator
- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Users
- Admin Profile
- Logout
- Exit

All Faculties

Photo View Add Faculty

Faculty ID	Faculty Name	Email ID	Qualification	Experience
101	Prakash	asd1g@gmail.com	PHD	8 years
102	Radhika	radhika12@gmail.com	PHD	5



College Data Management

Administrator

- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Marksheet Report**
- Mark Attendance
- Attendance Report
- Chat
- Search
- Users
- Admin Profile
- Logout
- Exit

Marksheet Report

Course Name: MCA
 Semester or Years: Semester 1
 Select Subject: Mobile Application Development

Roll Number	Student Name	Class	Subject	Total Marks	Obtained Marks
11	Shrikant Poul	1-1	Mobile Application	91	70
12	Ashish Gore	1-1	Mobile Application	91	40

College Data Management

Administrator

- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Marksheet Report
- Mark Attendance**
- Attendance Report
- Chat
- Search
- Users
- Admin Profile
- Logout
- Exit

Mark Attendance

Select Date: 20-05-2024

Course Name: MCA

Semester or Years: Semester 1

Select Subject: Mobile Application Development

Roll Number	Student Name	Subject Code	Course	Sem/Year	Attendance Date	
11	Shrikant Poul	11101	1	1	20-05-2024	<input checked="" type="checkbox"/>
12	Ashish Gore	11101	1	1	20-05-2024	<input checked="" type="checkbox"/>

(Handwritten Signature)



College Data Management

Administrator

- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Worksheet Report
- Mark Attendance
- Attendance Report**
- Chat
- Search
- Users
- Admin Profile
- Logout
- Exit

Attendance Report

Subject Wise Student Wise Class Wise

Course Name: MCA

Semester or Years: Semester 1

Select Subject: Mobile Application Development

Fetch Details

Roll Number	Student Name	Class	Subject	Total Attendance	Percentage
11	Shrikant Poul	1-1	Mobile Application ...	2 out of 2	100 %
12	Ashish Gore	1-1	Mobile Application ...	1 out of 2	50 %

College Data Management

Administrator

- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Worksheet Report
- Mark Attendance
- Attendance Report
- Chat**
- Search
- Users
- Admin Profile
- Logout
- Exit

Prakash-101

Faculty Info

Prakash

101, 1-1 Mobile Application Development

About & Contact Info

+91 1234567890
Noida

ashfg@gmail.com
Email ID

Pune, Maharashtra
Location

20-10-2020
Date of Birth

Students

- Shrikant Poul-1-1-11
- Ashish Gore-1-1-12

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College Data Management

Administrator

- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search**
- Users
- Admin Profile
- Logout
- Exit

Search

Students: Semester:

Class	Roll Number	Student Name	Course Name	Sem/Year
1	11	Shrikant Poul	MCA	sem-1
1	12	Ashish Gore	MCA	sem-1

College Data Management

Administrator

- Home
- Courses
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Users**
- Admin Profile
- Logout
- Exit

Users

User Profile	Class	User id	User name	Login Date	Login Time
Faculty	1-1	101	Prakash	13-Apr,2024	12:51 PM
Student	1-1	1-1-11	Shrikant Poul	13-Apr,2024	12:49 PM
Faculty	1-1	101	Prakash	13-Apr,2024	11:59 AM
Student	1-1	1-1-11	Shrikant Poul	13-Apr,2024	11:57 AM
Student	1-1	1-1-11	Shrikant Poul	22-Dec,2023	07:48 PM
Faculty	1-1	101	Prakash	22-Dec,2023	07:43 PM
Student	1-1	1-1-11	Shrikant Poul	22-Dec,2023	07:40 PM
Student	1-1	1-1-11	Shrikant Poul	22-Dec,2023	11:47 AM

Prakash
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College Data Management

Administrator

- Home
- Cources
- Students
- Subjects
- Faculties
- Assign Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Users
- Admin Profile**
- Logout
- Exit

Admin Profile

[Edit Links](#) [Edit Details](#)



Collage Name: **ASMA Institute of Management**
 Email ID: **director@asma.in**
 Contact Number: **020 - 25291471**
 Website: **www.asma.in**
 Address: **S. No. 85, NDA Road, Shivane, Pune-411023**
 Face Book: <https://www.facebook.com/asma.in/>
 Instagram: <https://www.instagram.com/asma.in/>
 Twitter: <https://twitter.com/asma.in/>
 LinkedIn: <https://www.linkedin.com/company/asma.in/>

4.1.2 Faculty Module

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- Prakash
- Home
- Students
- Subjects
- Co-Facilities
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Welcome Prakash
Last login: 11 Apr 2018 12:53:14 PM

Home Page

Students
2

Faculties
1

Subjects
1

Notification
2

- Prakash
- Home
- Students**
- Subjects
- Co-Facilities
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

All Students

[Photo View](#)

Class	Roll Number	Student Name	Course Name	Sem/Year
1	11	Shrikant Poul	MCA	sem-1
1	12	Ashish Gore	MCA	sem-1



College Data Management

Prakash

- Home
- Students
- Subjects**
- Co-Faculties
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Subjects

Subject Code	Subject Name	Sem/Year	Subject Type	Theory Marks	Practical Marks
11101	Mobile Application Development	1	core	40	40

College Data Management

Prakash

- Home
- Students
- Subjects
- Co-Faculties**
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Co-Faculties

Photo View

Faculty ID	Faculty Name	Email ID	Qualification	Experience
103	Sarika	sarika34@gmail.com	PhD	7 years



Prakash

- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject**
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chart
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Subject Faculties

Faculty ID	Faculty Name	Class	Sem/Year	Subject	Position
101	Prakash	1	1	Mobile Application De...	Full Professor
103	Sarika	1	1	Java Programming	Full Professor

Prakash

- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject
- Enter Marks**
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chart
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Enter Student Marks

Theory Marks

Practical Marks

Roll Number	Student Name	Subject Name	Max Practical Marks	Practical Marks
11	Shrikant	Mobile Application Develo...	48	35
12	Ashish	Mobile Application Develo...	48	40

Submit Marks



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College Data Management

Prakash

- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject
- Enter Marks
- Marksheet Report**
- Mark Attendance
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Marksheet Report

Select Subject:

Roll Number	Student Name	Class	Subject	Total Marks	Obtained Marks
11	Shrikant Poul	1-1	Mobile Application	91	70
12	Ashish Gore	1-1	Mobile Application	91	40

College Data Management

Prakash

- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance**
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Mark Attendance

Select Date:

Roll Number	Student Name	Subject Code	Course	Sem/Year	Attendance Date	
11	Shrikant Poul	11101	1	1	20-05-2024	✓
12	Ashish Gore	11101	1	1	20-05-2024	✓


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- Prakash
- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report**
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Attendance Report

Subject Wise Student Wise Class Wise

Select Subject: Mobile Application Development

Roll Number	Student Name	Class	Subject	Total Attendance	Percentage
11	Shrikant Poul	1-1	Mobile Application	2 out of 2	100 %
12	Ashish Gore	1-1	Mobile Application	1 out of 2	50 %

Fetch Details

- Prakash
- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat**
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

- Search
- Groups
- 1 sem-1 Official Group
 - 1 sem-1 Faculties Group
- Admin
- Principal
- Faculties
- Serika-103
- Students
- Shrikant Poul-1-1-11
 - Ashish Gore-1-1-12



Please select a chat to start messaging

Your Info



Prakash

123, 1-1, Mobile Application Development

About & Contact info

+91 1234567890

12345

prakash@gmail.com

1234567

Prakash Mahapatra

1234567

20-12-2023

Date of Birth

Handwritten signature

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College Data Management

Prakash

- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject
- Enter Marks
- Worksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search**
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Search

Students FAC Semester Search

Class	Roll Number	Student Name	Course Name	Sem/Year
11		Shikhar Patel	MCA	Sem-1
12		Ashish Gore	MCA	Sem-1

College Data Management

Prakash

- Home
- Students
- Subjects
- Co-Faculties
- Assigned Subject
- Enter Marks
- Worksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Notification**
- My Profile
- Contact Us
- Logout
- Exit

Notification

New

- 
Subject Faculty
 Spika is now Full Professor in Java Programming subject.
 20 May 2024 04:33:11 PM
- 
New Subject
 Java Programming (11102) is new subject in your class.
 20 May 2024 04:32:51 PM
- 
Result
 1 sem-1 result is declared. Now you can see student's marksheet.
 22 Dec 2023 07:47:23 PM
- 
Result
 1 sem-1 result is declared. Now you can see student's marksheet.
 22 Dec 2023 07:46:12 PM

Earlier

- 
Subject Faculty
 Prakash is now Full Professor in Mobile Application Development subject.
 22 Dec 2023 11:52:31 AM
- 
New Student
 21 Dec 2023 06:30:30 PM


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- Prakash
- Home
- Students
- Subjects
- Class Facilities
- Assigned Subject
- Enter Marks
- Marksheet Report
- Mark Attendance
- Attendance Report
- Chat
- Search
- Notification
- My Profile**
- Contact Us
- Logout
- Exit

Faculty Details

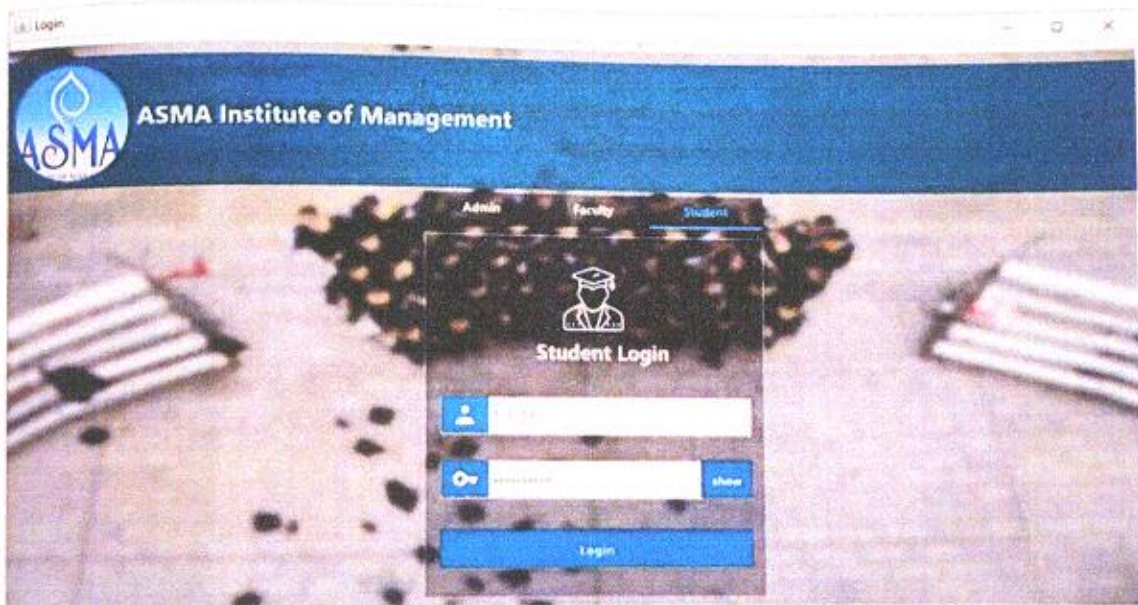
Prakash
Last Login: 30 May 2024 08:31:17 PM

[Change Password](#)

	Faculty ID: 101
	Faculty Name: Prakash
	Address: Pune, Maharashtra
	Email ID: asoffg@gmail.com
	Date Of Birth: 20-12-2023
	Contact Number: 1234567890

Qualification:	PND	Experience:	8 years
Course:	MCA	Semester/year:	sem 1 (1)
Subject:	Mobile Application Deve...	Position:	Full Professor

4.1.3 Student Module




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- College Data Management
- Shrikant Paul
- Home
 - Classmates
 - Subjects
 - Faculties
 - Assigned Subject
 - Mark Sheet
 - Attendance Report
 - Chat
 - Search
 - Notification
 - My Profile
 - Contact Us
 - Login
 - Exit

Welcome Shrikant Paul
Last login: 17 Apr 2023 17:27:11 PM

Home Page



Students
2



Faculties
2



Subjects
2



Notification
2

- College Data Management
- Shrikant Paul
- Home
 - Classmates
 - Subjects
 - Faculties
 - Assigned Subject
 - Mark Sheet
 - Attendance Report
 - Chat
 - Search
 - Notification
 - My Profile
 - Contact Us
 - Login
 - Exit

Classmates

[Photo View](#)

Class	Roll Number	Student Name	Course Name	Sem/Year
T	12	Ashish Gore	MCA	sem-1


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- Shrikant Paul
- Home
 - Classmates
 - Subjects**
 - Faculties
 - Assigned Subject
 - Work Sheet
 - Attendance Report
 - Chat
 - Search
 - Notification
 - My Profile
 - Contact Us
 - Logout
 - Exit

Subjects

Subject Code	Subject Name	Sem. Year	Subject Type	Theory Marks	Practical Marks
11101	Mobile Application Development	1	none	45	10
11102	Java Programming	1	none	50	10

- Shrikant Paul
- Home
 - Classmates
 - Subjects
 - Faculties**
 - Assigned Subject
 - Work Sheet
 - Attendance Report
 - Chat
 - Search
 - Notification
 - My Profile
 - Contact Us
 - Logout
 - Exit

Faculties

Faculty ID	Faculty Name	Email ID	Qualification	Experience
101	Prakash	asdfg@gmail.com	PhD	8 years
103	Sanka	sanka34@gmail.com	PhD	7 years

[Handwritten Signature]
 Director



- Shrikant Poul
- Home
- Classmates
- Subjects
- Faculties
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Subject Faculties

Faculty ID	Faculty Name	Class	Sem/Year	Subject	Position
101	Prakash			Mobile Application De	Full Professor
102	Sirika			Java Programming	Full Professor

- Shrikant Poul
- Home
- Classmates
- Subjects
- Faculties
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Marksheet

[Download](#)

Roll Number : 11
 Student Name : Shrikant Poul
 Course : MCA
 Semester/Year : sem-1 (1)
 Date of Birth : 01-09-2001
 Gender : Male



Subject Code	Subject Name	Theory Marks	Practical Marks	Total Max. Marks	Total
11101	Mobile Application Dev.	35	35	91	70
11102	Java Programming	0	0	100	0
Total Marks		35	35	191	70

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- College Data Management
- Shrikant Poul
- Home
- Attendance
- Subjects
- Faculties
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Attendance Report

Roll Number	Student Name	Class	Subject	Total Attendance	Percentage
11	Shrikant Poul	1-1	Mobile Application	2 out of 2	100%
11	Shrikant Poul	1-1	Java Programming	0 out of 0	0%
Total			All	2 out of 2	100%


- College Data Management
- Shrikant Poul
- Home
- Attendance
- Subjects
- Faculties
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

- Search
- Groups**
- 1 sem-1 Official Group
 - 1 sem-1 Students Group
- Admin**
- Principal
- Faculties**
- Prakash-101
 - Sarika-103
- Students**
- Aahish Gore-1-1-12



Please select a chat to start messaging

Your info



Shrikant Poul

About & Contact info

+91 9604 45882

gk@asma.com

Rishi, Maharashtra

01-09-2001


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College Data Management

Shrikant Poul

- Home
- Classmates
- Subjects
- Faculties
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Search

Students: MCA Semester:

Class	Roll Number	Student Name	Course Name	Sem/Year
1	11	Shrikant Poul	MCA	sem-1
1	12	Ashish Gore	MCA	sem-1

College Data Management

Shrikant Poul

- Home
- Classmates
- Subjects
- Faculties
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Notification

New

- Subject Faculty**
Faculty for your Java Programming Subject is now full Professor. 20-May-2024 04:11:11 PM
- New Subject**
Java Programming (15102) is your new subject. 20-May-2024 04:12:51 PM

Earlier

- Attendance**
Your Mobile Application Development subject attendance on 21-12-2023 is updated. 23-Dec-2023 12:36:21 PM
- Result**
Your result is declared, now you can see your marksheet. 22-Dec-2023 07:47:23 PM
- Result**
Your result is declared, now you can see your marksheet. 22-Dec-2023 07:46:12 PM
- Attendance**
22-Dec-2023 07:44:44 PM

Handwritten signature



- Shrikant Poul
- Home
- Classmates
- Subjects
- Facilities
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Student Details

Shrikant Poul (1-1-11)

Last Login: 21 May 2024 04:50:12 PM

Change Password



Roll no: 11
 Student Name: Shrikant Poul
 Address: Pune, Maharashtra
 Email ID: qwer@gmail.com
 Date Of Birth: 01-09-2001
 Contact Number: 9604345882

Course: MCA
 Semester/Year: sem 1 (1)
 Father Name: Dnyaneshwar
 Father Occupation: Service
 Mother Name: Nanda
 Mother Occupation: House Wife

- Shrikant Poul
- Home
- Classmates
- Subjects
- Facilities
- Assigned Subject
- Mark Sheet
- Attendance Report
- Chat
- Search
- Notification
- My Profile
- Contact Us
- Logout
- Exit

Contact Us



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 Email ID : director@asma.in
 Contact Number : 020 - 25291471
 Website : www.asma.in

Address : S. No. 85, NDA Road, Shivane, Pune-411023

Face Book : <https://www.facebook.com/asma.in/>

Instagram : <https://www.instagram.com/asma.in/>

Twitter : <https://twitter.com/asma.in/>

LinkedIn : <https://www.linkedin.com/company/asma.in/>


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Chapter 5: Conclusions & Future Work

5.1 Future Enhancement

- **Mobile Application:** Develop a mobile application compatible with iOS and Android platforms to provide students, faculty, and administrators with access to key features of the system on-the-go, such as course registration, grades, announcements, and communication.
- **AI and Machine Learning Integration:** Implement AI and machine learning algorithms to analyze student performance data, predict academic outcomes, recommend personalized learning paths, and identify early warning signs for at-risk students.
- **Biometric Authentication:** Introduce biometric authentication methods such as fingerprint or facial recognition to enhance security and streamline access to the system for users, ensuring secure authentication and reducing the reliance on traditional login credentials.
- **Virtual Classroom Features:** Enhance the system with virtual classroom capabilities, including live video conferencing, interactive whiteboards, screen sharing, and chat functionalities, to facilitate remote learning and collaboration among students and faculty.
- **Student Feedback and Surveys:** Implement features for collecting feedback and conducting surveys from students regarding courses, instructors, facilities, and overall college experience, allowing administrators to gather insights for continuous improvement.
- **Alumni Management:** Develop modules for alumni management, including alumni directories, networking opportunities, event management, and donation tracking, to foster engagement and support from alumni.
- **Integration with ERP Systems:** Integrate the College Management System with Enterprise Resource Planning (ERP) systems to streamline financial management, procurement processes, human resource management, and other administrative functions across the institution.
- **Accessibility Features:** Enhance accessibility features of the system to accommodate users with disabilities, including screen reader support, keyboard navigation, and color contrast adjustments, ensuring inclusivity and compliance with accessibility standards.


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5.2 Conclusions

In conclusion, the implementation of a college management system offers numerous benefits and plays a crucial role in enhancing the overall efficiency and effectiveness of college operations. It serves as a centralized platform that streamlines administrative tasks, automates processes, and provides real-time access to information for both students and staff. One of the key advantages of a college management system is its ability to simplify and expedite the admissions process. With online application forms, document submission, and payment integration, prospective students can easily apply and track their application status, leading to a smoother and more efficient admissions process. Furthermore, a college management system facilitates effective communication and collaboration among students, faculty, and staff. It provides a centralized portal for sharing important announcements, course materials, grades, and assignments. Additionally, features such as discussion forums and messaging platforms enable seamless communication between students and faculty, fostering a conducive learning environment. The automation of administrative tasks is another significant benefit of a college management system. It reduces the manual workload for staff members, enabling them to focus on more critical tasks. Functions such as timetable generation, attendance tracking, fee management, and exam scheduling can be automated, saving time and minimizing errors. The integration of data analytics and reporting capabilities within a college management system allows for informed decision-making and strategic planning. Administrators can generate reports on various aspects, such as student performance, attendance trends, and financial analysis. This data-driven approach assists in identifying areas for improvement and implementing targeted interventions. Overall, a college management system promotes transparency, efficiency, and accountability within an educational institution. It enhances the student experience by providing easy access to information and services, streamlines administrative processes, and enables effective communication and collaboration. By harnessing the power of technology, colleges can optimize their operations and better serve their students, faculty, and staff.



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