

## **Project Report**

# **College Admission Management System**



University of Pune

**SUBMITTED TO SAVITRIBAI PHULE PUNE UNIVERSITY**

**SUBMITED BY**

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**UNDER THE GUIDANCE OF**

**Kalyani Alisethy Mam**

**In Partial Fulfillment of**

**MASTERS IN COMPUTER APPLICATION**

**SINHGAD INSTITUTE OF BUSINESS ADMINISTRATION AND  
RESEARCH**

**KONDHWA, PUNE-411048**

**2022-2023**

## CERTIFICATE OF ORIGINALITY

is is to certify that the project report entitled

.....

.....

Submitted to the Department of Computer Applications, Sinhgad Institute of Business Administration and Research in partial fulfillment of the requirement for the award of the degree of MASTER OF COMPUTER APPLICATIONS (MCA Affiliated to Savitribai Phule Pune University), is an original has not been submitted whether to this Organization or to any other University/ Organization for the fulfillment of the requirement of any course of study.

rk carried out by

Mr/Ms.....Exam No.....

under my guidance.

The matter embodied in this project is a genuine work done by the student and

Signature of the Student : .....

Name of the student : .....

Signature of the Guide : .....

Name and Designation of the Guide : .....

Signature of Director-MCA

**Dr. Netra Patil :**

Date:

## **CERTIFICATE OF APPROVAL**

This is to certify that the project report  
entitled.....

.....  
submitted to the Department of Computer Application, Sinhgad Institute of Business Administration and Research in partial fulfillment of the requirement for the award of the Degree of MASTER OF COMPUTER APPLICATIONS (MCA Affiliated to Savitribai Phule Pune University) is an original work carried out by Mr./Ms.....Exam No.....

The matter embodied in this project is a genuine work done by the student and has been certified by the following internal and external examiners deputed by Savitribai Phule Pune University.

Internal Examiner  
Examiner

External

## **ACKNOWLEDGEMENT**

We are pleased to acknowledge **Kalyani Alisethy Mam** for their invaluable guidance during the course of this project work. As our project COLLEGE ADMISSION MANAGEMENT SYSTEM which envelops the automation of all work. We have tried our level best to make our project as simple possible. We would also like to give special thanks to all the talented personalities of our institute who had given us a moral support completing our visual basic project.

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## **INTRODUCTION**

Today all the work at the time of admission of the students is done manually by ink and paper, which is very slow and consuming much efforts and time. In the modern world of technology, computer are affecting our lives in more ways than we probably are aware of COMPUTERIZED MANAGEMENT maintaining information of an educational institute, colleges, other the list is endless. The main principle behind the need of college admission system is easy supervision of institutes. It can handle the details of students such as personal details or admission details. This Student Database has been designed taking into account the practical needs to manage a Students data. Moreover, it provides security at product level as well as user level. Its design concentrates on 2 types of users:

1. Admin
2. Students

## **PROBLEM SPECIFICATION**

Student admissions are a vital part of any College's running because students are what keep a College alive. The student admission is one of the most important activities within a College as one cannot survive without students. A poor admissions system can mean fewer students being admitted into a College because of mistakes or an overly slow response time. The process begins with a potential student completing an application form through the Universities and Colleges Admissions Service, the first step for students is to apply directly to the College through a custom online form. The next step is for the Admissions service center has to review the application and ensure that all of the required information has been provided. The application in its entirety is then forwarded, complete with a recommendation, to the respective department's Admissions Tutor, who has the final say as to whether each potential student is Accepted or rejected. Before making a decision, the Admissions Tutor reviews the application and the additional documentation, comparing the academic credentials to a list of College rankings and previous, similar applications.

## **BACKGROUND AND RELATED WORK**

The main aim of our project is to develop the application which will be useful in college admission system. As this college admission system project includes the admission process of student, starting from when the student takes admission in college in first year till that submission of examination form from the college. The requirement of the student is to:

- User can contact with administrative by sending mails.
- User can view about us and contact us page.
- User can view notices which is published by admin.
- User can view courses which are listed by admin.
- User can register himself.
- After registration user can login into system and apply for admission.
- After successful submission of admission form application will pop up in admin panel for review.
- If application is selected user can submit their fees.
- User can update their profile details
- Change his / her own password.
- Admin login should be present who can read as well as view any uploads.
- Admin can select and reject any application.
- Admin can manage (add/update) the course.
- Admin can manage public notice.
- Admin can mange users (Students) enquiry.
- Admin can search application by application number.
- Admin can manage enquiry which is received by students.
- Admin can view subscriber mail.

- Admin can generate reports of application.

The student details in separate records are tedious task. Referring to all these records and updating is needed. Since the number of students are growing and management has to handle records of all of the students, it is facing the little bit problems in Maintaining the records of students.

## **GOALS**

The main goal of the system is to automate the process carried out in the organization with improved performance and realize the vision of paperless admission. Some of the goals of the system are listed below:

- Manage large number of student details.
- Manage all details of student who registered for the course and send appropriate details about the course to the students account.
- Create student accounts and maintain the data's effectively.
- View all the details of the students.
- Create the statistical reports.
- Reduce the work load in interview the students for selection and Counseling should be very effective rather than direct methods.

## **HARDWARE REQUIREMENT**

CPU : Intel i3  
RAM : 1 GB  
HDD : 1 TB  
MOITOR : V.G.A, LCD, LED

Keyboard, Mouse, Printer.

## **SOFTWARE REQUIREMENT**

Database Server : MySQL  
Web Server : Apache  
Frontend : HTML, CSS, Bootstrap,  
Scripting language : Java Script  
IDE : Visual Studio Code  
Backend : PHP

## **PROPOSED SYSTEM**

- It is automated computerized web based software system.
- It uses technologies like PHP, HTML, and MYSQL.
- It is easy to operate.
- Attractive User Interface.
- Manage large number of student details.
- Manage all details of student who registered for the course
- Create student accounts and maintain the data's effectively.
- View all the details of the students.
- Reduce the work load in interview the students for selection
- Activities like updating, modification, deletion of records should be easier.

## **OVERVIEW**

- Overall Description will describe major components of the system, interconnection and external interfaces.
- Specific Requirements will describe the functions of actors, their role in the system and constraints.

### **Overall Description:**

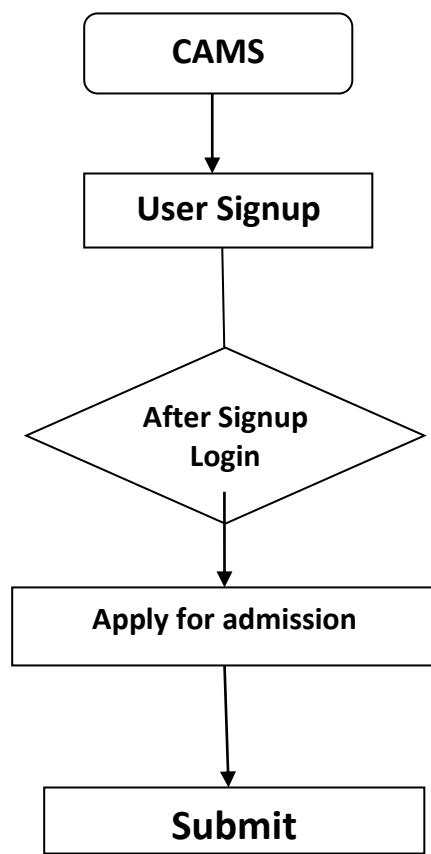
The rest of this document will give further details on the overall product description, including the hardware, software, and communications interfaces, product functions, user characteristics, and any assumptions that will be made.

### **Specific Requirements:**

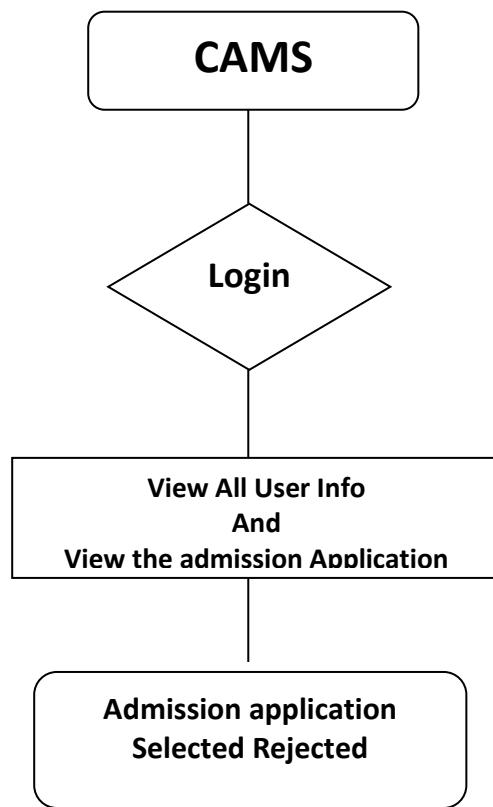
The college will also include the specific requirements needed. These will include the functions, performance, design, and software attributes. This document is organized in a logical manner and is easy to follow. Readers should refer to the table of contents, appendices, or index if looking for something in specific. Otherwise, reading this document from start to finish will start with a vague description and get more specific and detailed as changing sections and reading further.

## **FLOW CHART**

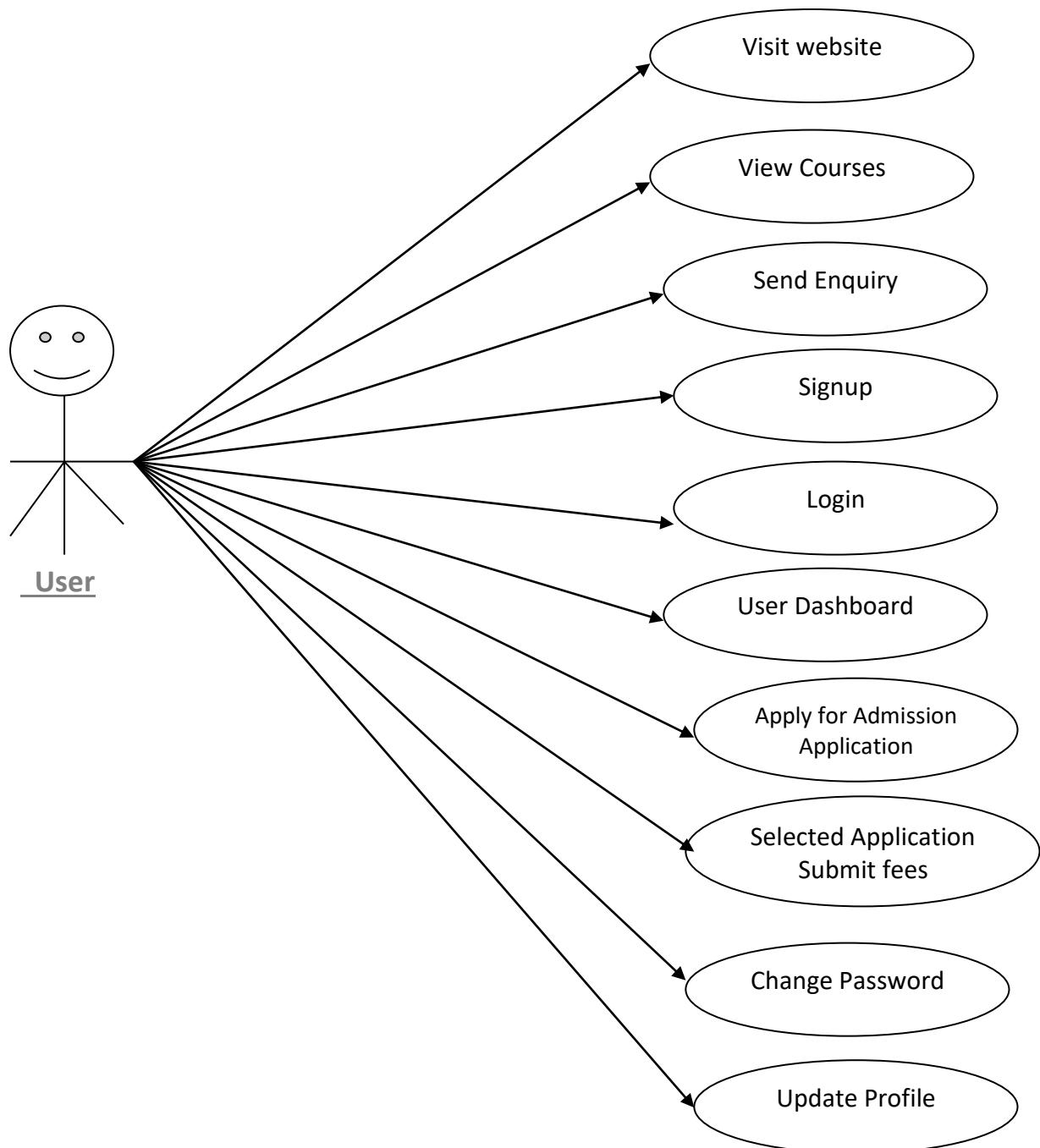
### **User flow chart**



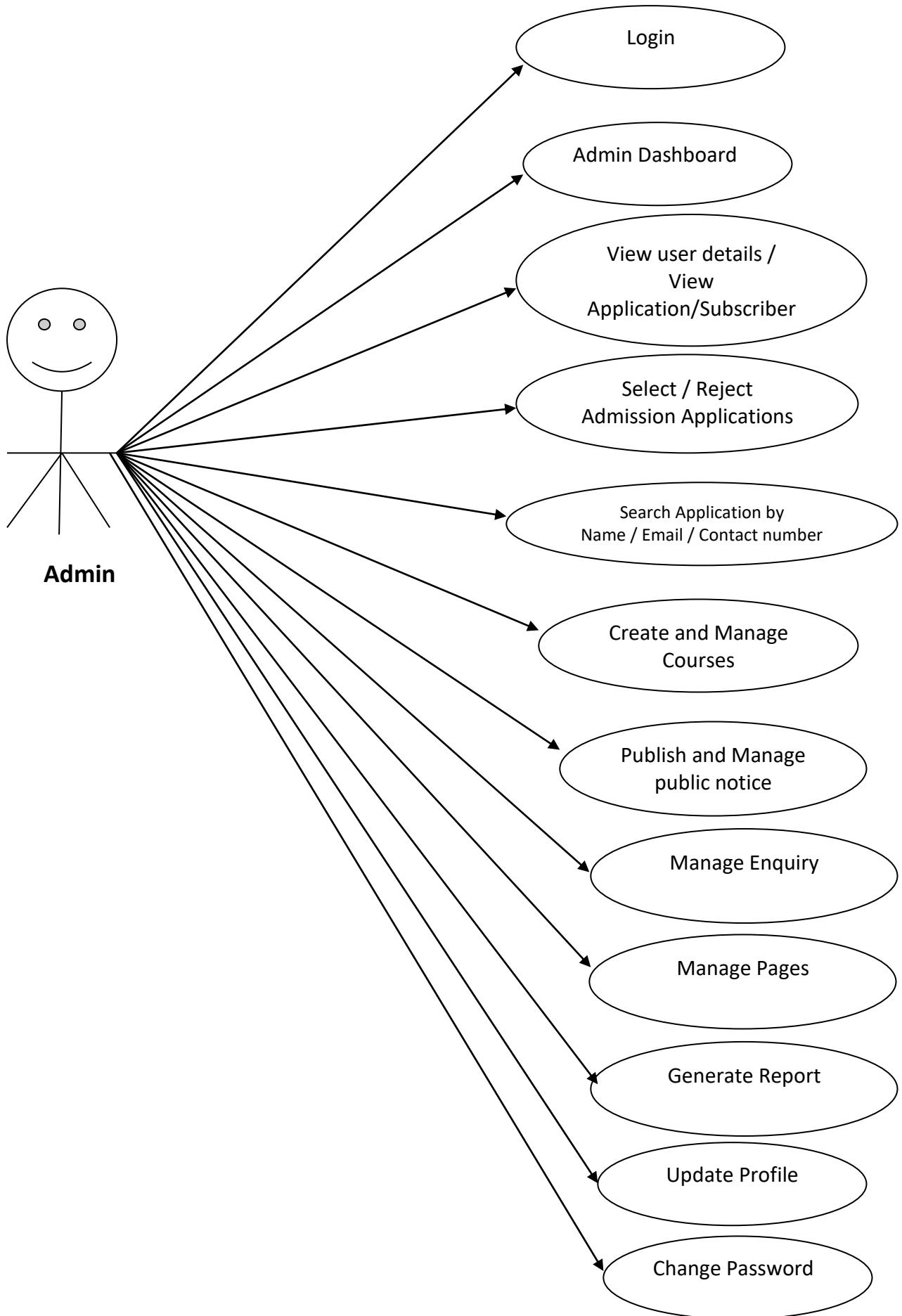
## Admin Flow Chart



## Use Case flow Diagram (User)

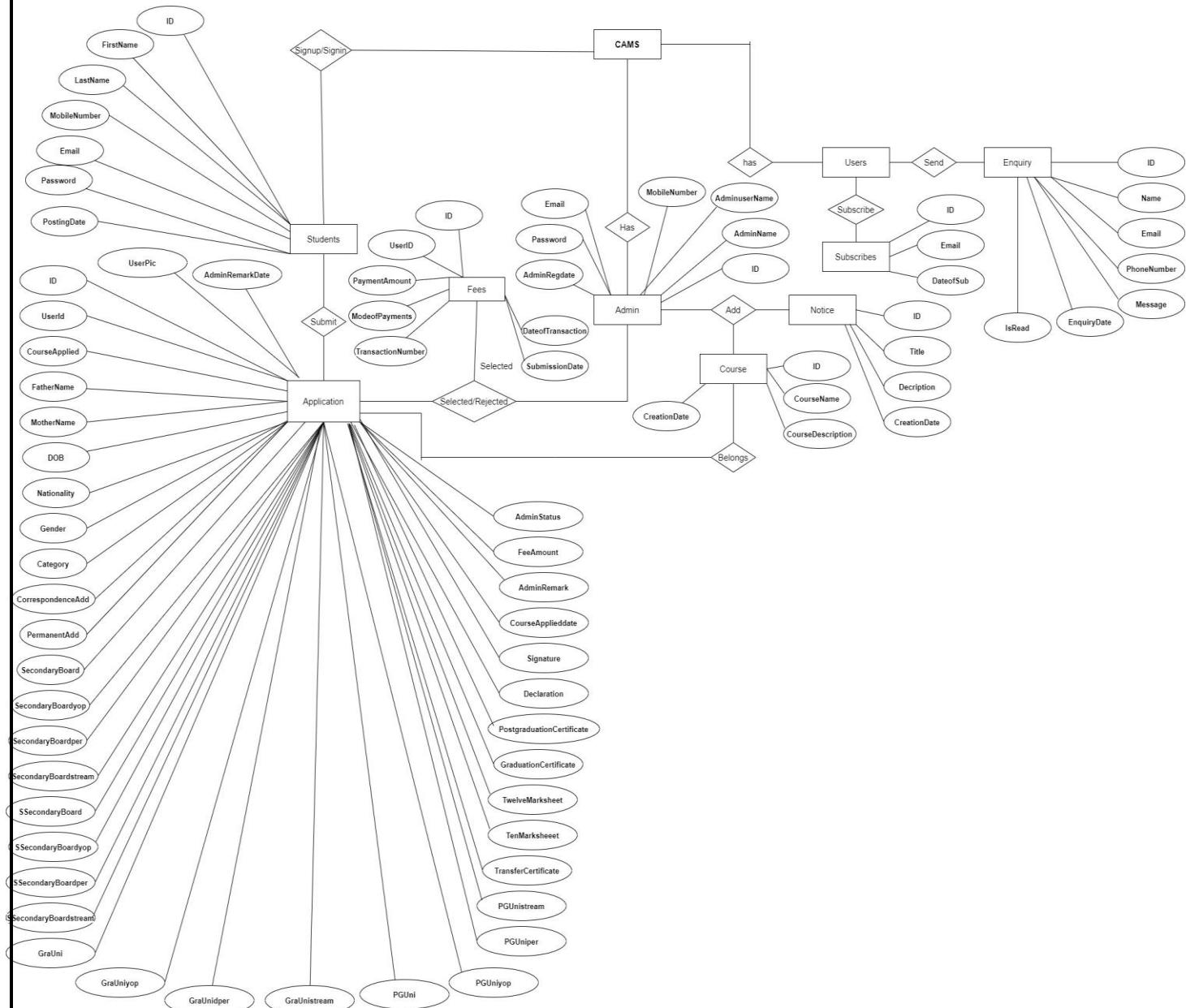


## Use Case flow Diagram (admin)



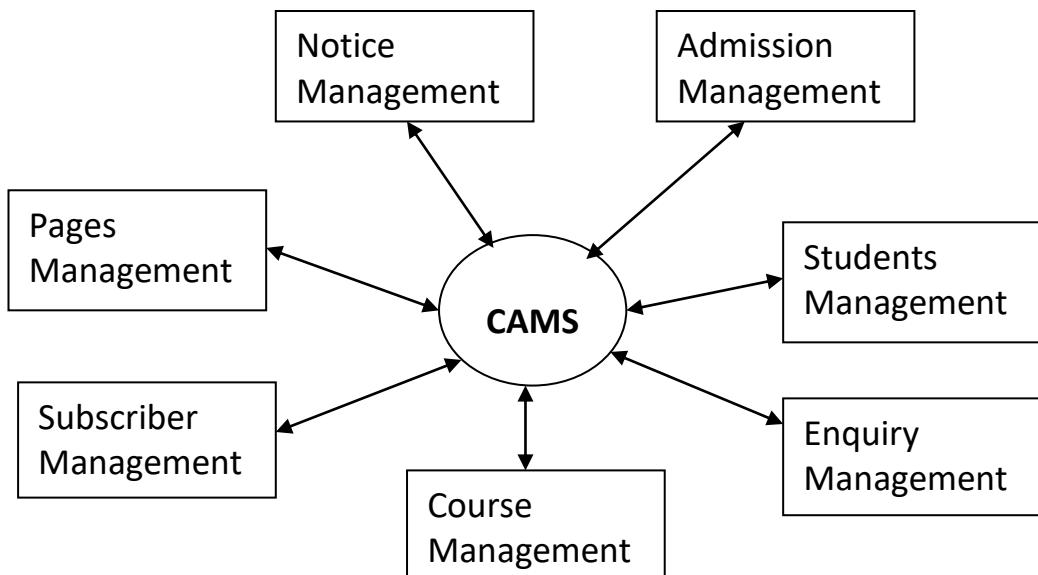
## E-R DIAGRAM

E-R (Entity-Relationship) Diagram is used to represents the relationship between entities in the table.

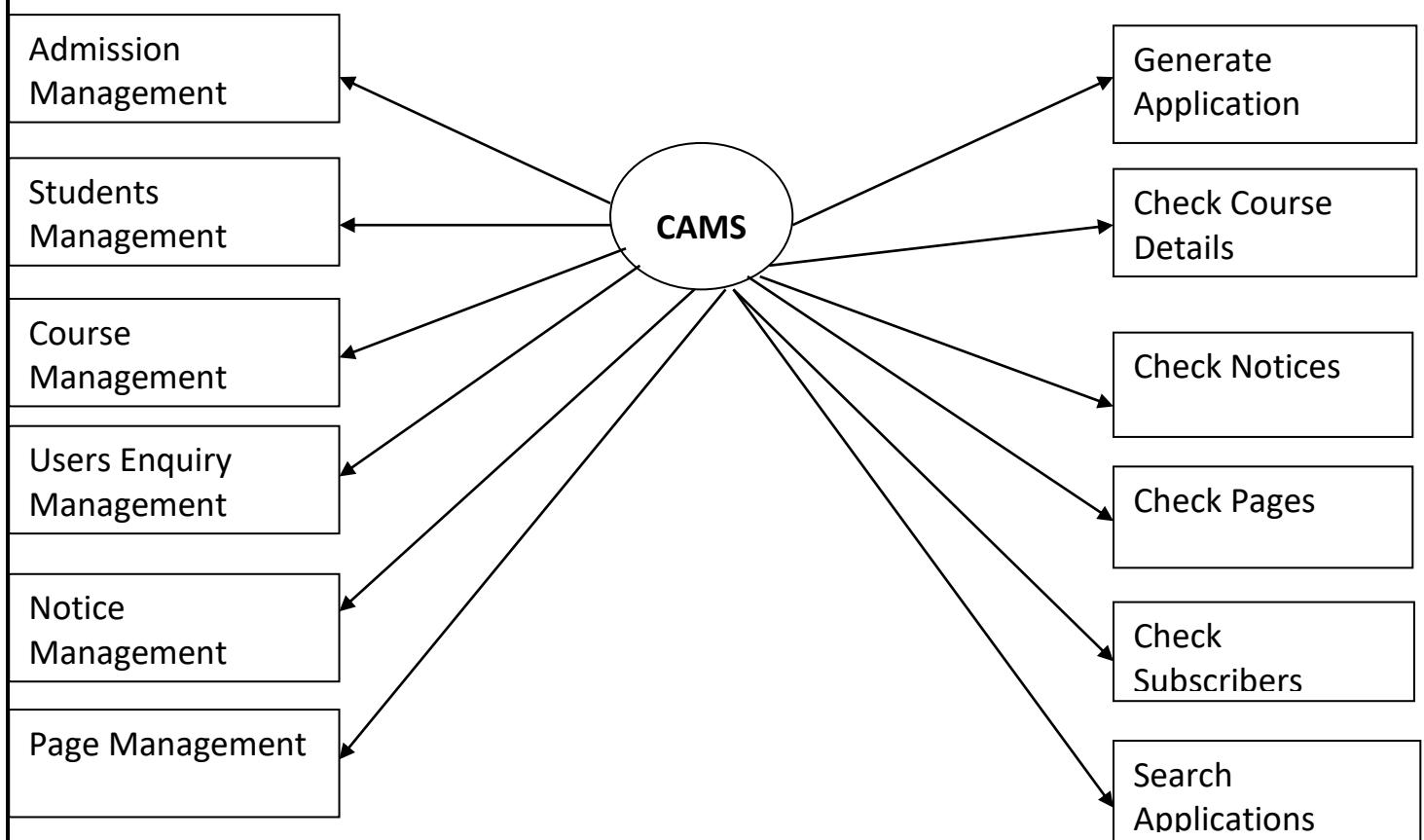


## Data Flow Diagram

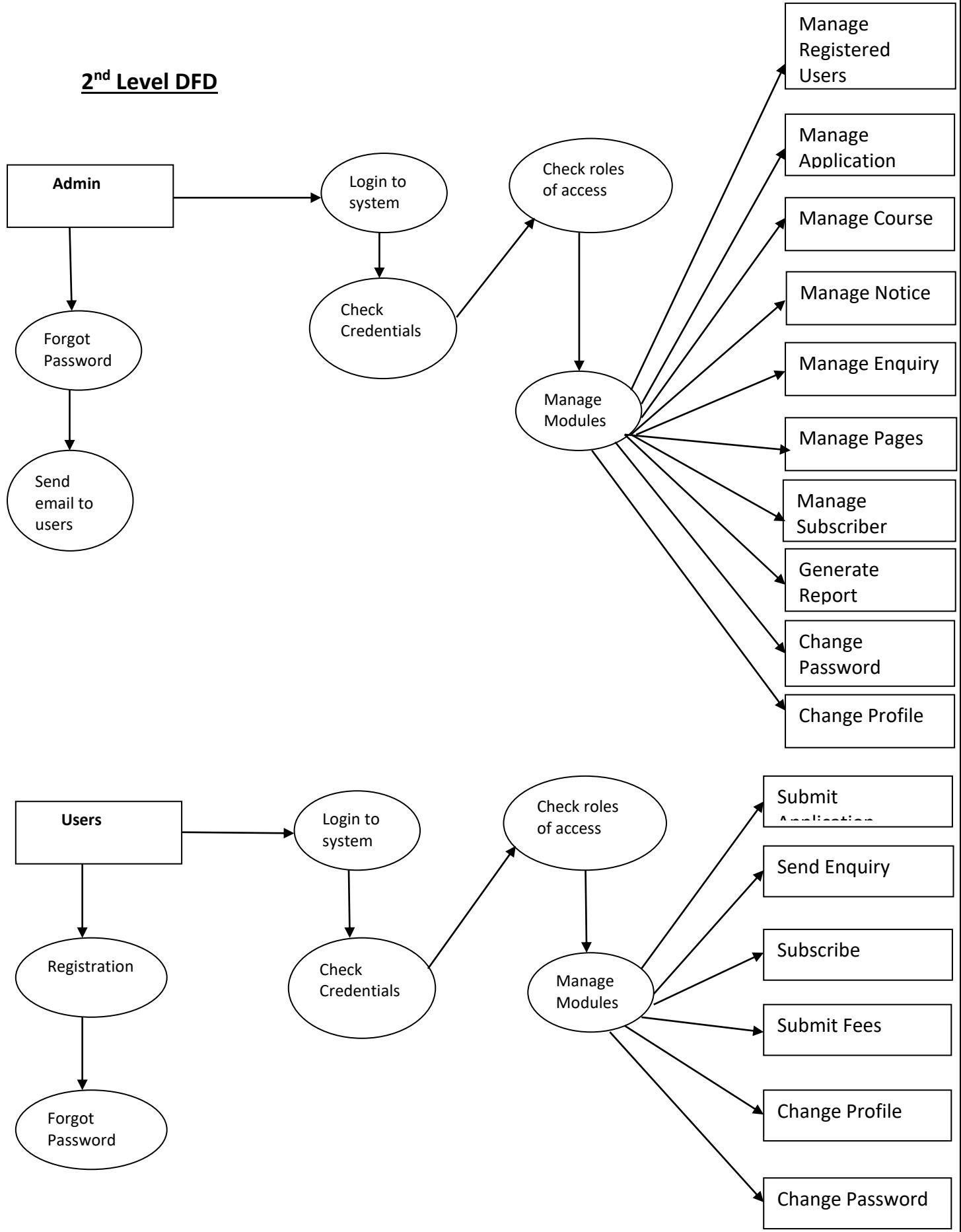
### Zero Level DFD



### 1<sup>st</sup> Level DFD



## 2<sup>nd</sup> Level DFD



## Database and MySQL Tables

MySQL- MySQL ("My S-Q-L", officially, but also called "My Sequel") is (as of July 2013) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Widenius daughter, My. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation .MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP opens source web application software stack (and other 'AMP' stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python." Free-software-open source projects that require a full-featured database management system often use MySQL. For commercial use, several paid editions are available, and offer additional functionality. Applications which use MySQL databases Library Management System include: TYPO3, MODx, Joomla, WordPress, phpBB, MyBB, Drupal and other software. MySQL is also used in many high-profile, large-scale websites, including Wikipedia, Google (though not for searches), Facebook, Twitter, Flickr, and YouTube.

### Database tables

In this project various tables used for maintain the information.

#### tbladmin

This table stores the login details of admin.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	AdminuserName	varchar(20)	latin1_swedish_ci		No	None		
4	MobileNumber	int(10)			No	None		
5	Email	varchar(120)	latin1_swedish_ci		No	None		
6	Password	varchar(120)	latin1_swedish_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	CURRENT_TIMESTAMP		

## tbluser

This table stores the details of registered users.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	FirstName	varchar(45)	latin1_swedish_ci		Yes	NULL		
3	LastName	varchar(45)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	Password	varchar(60)	latin1_swedish_ci		Yes	NULL		
7	PostingDate	timestamp			Yes	CURRENT_TIMESTAMP		

## tblcourse

This table store the details of course which is provided by college.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	FirstName	varchar(45)	latin1_swedish_ci		Yes	NULL		
3	LastName	varchar(45)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	Password	varchar(60)	latin1_swedish_ci		Yes	NULL		
7	PostingDate	timestamp			Yes	CURRENT_TIMESTAMP		

## tblnotice

This table store the details of notice which is generated by admin

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	Title	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	Description	varchar(350)	latin1_swedish_ci		Yes	NULL		
4	CreationDate	timestamp			Yes	CURRENT_TIMESTAMP		

## tbladapplications

This table stores the application details which is received by students.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>ID</b> 	int(11)			No	None		AUTO_INCREMENT
2	<b>UserId</b>	char(10)	latin1_swedish_ci		No	None		
3	<b>CourseApplied</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
4	<b>FatherName</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
5	<b>MotherName</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	<b>DOB</b>	date			Yes	NULL		
7	<b>Nationality</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
8	<b>Gender</b>	varchar(200)	latin1_swedish_ci		Yes	NULL		
9	<b>Category</b>	varchar(200)	latin1_swedish_ci		Yes	NULL		
10	<b>CorrespondenceAdd</b>	varchar(350)	latin1_swedish_ci		No	None		
11	<b>PermanentAdd</b>	varchar(350)	latin1_swedish_ci		No	None		
12	<b>SecondaryBoard</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
13	<b>SecondaryBoardyop</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
14	<b>SecondaryBoardper</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
15	<b>SecondaryBoardstream</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
16	<b>SSecondaryBoard</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
17	<b>SSecondaryBoardyop</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
18	<b>SSecondaryBoardper</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
19	<b>SSecondaryBoardstream</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
20	<b>GraUni</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
21	<b>GraUniyop</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
22	<b>GraUnidper</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
23	<b>GraUnistream</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
24	<b>PGUni</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
25	<b>PGUniyop</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
26	<b>PGUniper</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
27	<b>PGUnistream</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
28	<b>TransferCertificate</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
29	<b>TenMarksheet</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
30	<b>TwelveMarksheet</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
31	<b>GraduationCertificate</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
32	<b>PostgraduationCertificate</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
33	<b>Declaration</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
34	<b>Signature</b>	varchar(120)	latin1_swedish_ci		Yes	NULL		
35	<b>CourseApplieddate</b>	timestamp			No	current_timestamp()		
36	<b>AdminRemark</b>	varchar(255)	latin1_swedish_ci		Yes	NULL		
37	<b>FeeAmount</b>	decimal(10,0)			Yes	NULL		
38	<b>AdminStatus</b>	varchar(20)	latin1_swedish_ci		Yes	NULL		
39	<b>AdminRemarkDate</b>	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()
40	<b>UserPic</b>	varchar(200)	latin1_swedish_ci		Yes	NULL		

## tblcontact

This table store the data of enquiry which is send by users.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>ID</b> 	int(10)			No	None		AUTO_INCREMENT
2	<b>Name</b>	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	<b>Email</b>	varchar(200)	utf8mb4_general_ci		Yes	NULL		
4	<b>PhoneNumber</b>	bigint(10)			Yes	NULL		
5	<b>Message</b>	mediumtext	utf8mb4_general_ci		Yes	NULL		
6	<b>EnquiryDate</b>	timestamp			No	current_timestamp()		
7	<b>IsRead</b>	int(5)			Yes	NULL		

## tblpage

This table store the data of about us and contact us.

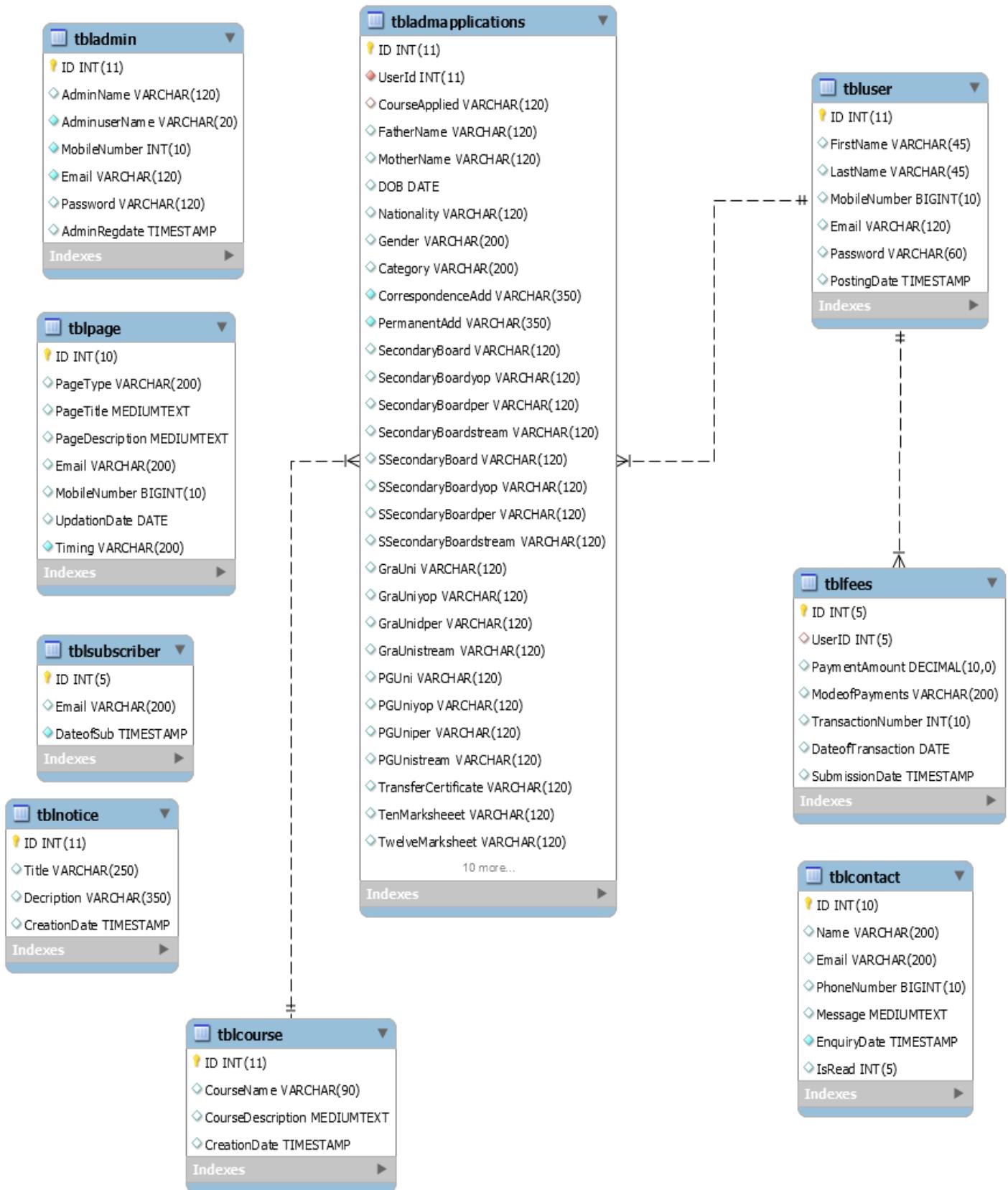
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>ID</b> 	int(10)			No	None		AUTO_INCREMENT
2	<b>PageType</b>	varchar(200)	latin1_swedish_ci		Yes	NULL		
3	<b>PageTitle</b>	mediumtext	latin1_swedish_ci		Yes	NULL		
4	<b>PageDescription</b>	mediumtext	latin1_swedish_ci		Yes	NULL		
5	<b>Email</b>	varchar(200)	latin1_swedish_ci		Yes	NULL		
6	<b>MobileNumber</b>	bigint(10)			Yes	NULL		
7	<b>UpdationDate</b>	date			Yes	NULL		
8	<b>Timing</b>	varchar(200)	latin1_swedish_ci		No	None		

## tblsubscriber

This table stores the emails id of subscribers.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>ID</b> 	int(5)			No	None		AUTO_INCREMENT
2	<b>Email</b>	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	<b>DateofSub</b>	timestamp			No	current_timestamp()		

## Database Tables Relation



# Output SCREENS

## Home Page

## About Us

**Contact Us**

SIBAR Kondhwa-Saswad,Pune  
+9673207886  
roshanmuneshwar143@gmail.com

[f](#) [t](#) [g](#) [in](#)

**Quick Links**

[Home](#) [About](#) [Contact](#) [Courses](#) [Admin](#) [Users](#)

**Newsletter**

Email

Subscribe and get our weekly newsletter  
We'll never share your email address

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## Contact Us

The screenshot shows the 'Contact Us' page of the CAMS website. At the top, there is a header bar with links for Home, About, Courses, Contact, Public Notice, Admin, and Users. Below the header is a large dark banner with the text 'Contact Us' and a sub-link 'Home / Contact'. The main content area contains a form with fields for Address, Email, Phone, and Timing, followed by a 'Submit Now' button. At the bottom of the page, there is a footer section with 'Contact Us' information (SIBAR Kondhwa-Saswad,Pune, +919673207886, roshanmuneshwar143@gmail.com), 'Quick Links' (Home, About, Contact, Courses, Admin, Users), and a newsletter sign-up form.

## Courses

The screenshot shows the 'Our Courses' page of the CAMS website. At the top, there is a header bar with links for Home, About, Courses, Contact, Public Notice, Admin, and Users. Below the header is a large dark banner with the text 'Our Courses' and a sub-link 'Home / Courses'. The main content area features a heading 'See Our Courses' followed by a grid of six course cards: B.TECH, MCA, MSC, B.COM, BSC, and BCA. Each card provides a brief description of the course. At the bottom of the page, there is a footer section with 'Contact Us' information (SIBAR Kondhwa-Saswad,Pune, +919673207886, roshanmuneshwar143@gmail.com), 'Quick Links' (Home, About, Contact, Courses), and a newsletter sign-up form.

**Contact Us**

SIBAR Kondhwa-Saswad,Pune  
+919673207886  
roshanmuneshwar143@gmail.com

**Quick Links**

Home About Contact Courses Admin Users

**Newsletter**

Email

Subscribe and get our weekly newsletter  
We'll never share your email address

# Notice

The screenshot shows the CAMS website's notice page. At the top, there is a header bar with contact information (+7896541236, info@gmail.com) and a yellow "Contact Now" button. Below the header is the CAMS logo and a navigation menu with links to Home, About, Courses, Contact, Public Notice, Admin, and Users. The main content area features a dark banner with the word "Notice" and a sub-banner below it showing "Home / Notice". A large, semi-transparent background image of students walking outdoors is visible.

## All Notices



### Classes going to start

2022-03-02 17:46:00

uiou gyufgiuyrfuitseytguid gjvksdgjfgiegiuteyuhtg



### Test Notice

2021-05-19 01:19:42

This for testing purpose. This for testing purpose.This for testing purpose. This for testing purpose.

### Contact Us

📍 890,Sector 62, Gyan Sarovar, GAIL  
Noida(Delhi/NCR)

📞 +7896541236

✉️ info@gmail.com



### Quick Links

[Home](#)

[About](#)

[Contact](#)

[Courses](#)

[Admin](#)

[Users](#)

### Newsletter

Email



Subscribe and get our weekly newsletter

We'll never share your email address

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## Students Panel

### Signup

College Admission Management System | User Signup



CAMS User Signup

Please Sign Up

First Name  Last Name

Contact Number

Email Address

Password  Repeat Password

[Register](#) [Login](#)

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### Login Page

College Admission Management System | User login



CAMS User Login

Login

Registered Email or Contact Number

Password

[Login](#) [Register](#)

[Forgot password?](#)

[Back Home](#)

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### Dashboard

CAMS User

Dashboard

Addmission Form

Submit Fees

Welcome Back : test1

Hello, test1

You have not applied for addmision. Please fill the admission form.

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## Profile

The screenshot shows the 'Profile' section of the CAMS User application. On the left is a dark sidebar with the title 'CAMS User' and three menu items: 'Dashboard', 'Admission Form', and 'Submit Fees'. On the right, the main area has a header 'Profile' and a sub-header 'Dashboard - Profile'. Below this is a 'Profile' section containing four input fields: 'First Name' (value: test1), 'Last Name' (value: test2), 'Contact Number' (value: 1123325444), and 'Email' (value: test1@gmail.com). A blue 'Update' button is located at the bottom of this section. At the very bottom of the page, there is a copyright notice: 'Copyright © 2022 CAMS , All rights reserved.'

## Change Password

The screenshot shows the 'Change Password' section of the CAMS User application. The layout is similar to the Profile page, with a dark sidebar on the left and a main content area on the right. The sidebar has the 'CAMS User' title and the same three menu items. The main content area has a header 'Change Password' and a sub-header 'Dashboard - Change Password'. It contains three input fields: 'Current Password', 'New Password', and 'Confirm Password'. A blue 'Change' button is positioned at the bottom of the form. Like the Profile page, it includes a copyright notice at the bottom: 'Copyright © 2022 CAMS , All rights reserved.'

# Admission Form

CAMS User 

Hello, test1 

[Dashboard](#)

[Admission Form](#)

[Submit Fees](#)

Admission Application Form Dashboard - Application

Addmission Form

Course Applied 

Student Pic  No file chosen

Father's Name 

Mother's Name 

DOB 

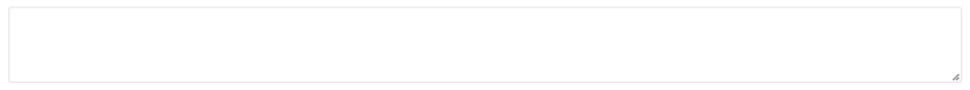
Nationality 

Gender 

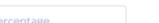
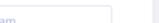
DOB Must be in this format (YYYY-MM-DD)

Category : 

Correspondence Address 

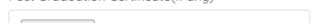
Permanent Address 

Education Qualification

#	Board / University	Year	Percentage	Stream
10th(Secondary)				
12th(Senior Secondary)				
Graduation				
Post Graduation				

Transfer Certificate(TC)  No file chosen  No file chosen

12th Mark Sheet  No file chosen  No file chosen

Post Graduation Certificate(if any)  No file chosen

Declaration

I hereby state that the facts mentioned above are true to the best of my knowledge and belief.





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## Detail of Admission Form

CAMS User

Dashboard

Admission Form

Submit Fees

Hello, test1

Your Admission Form already submitted.

Applicant Name	test1 test2	Registration Date	2022-03-04 10:04:55
Course Applied	Agriculture	Student Pic	
Father's Name	Harinder Pal	Mother's Name	Kumkum Devi
DOB	1997-05-06	Nationality	Indain
Gender	Male	Category	General
Correspondence Address	K-80990, jankipuram, New Delhi	Permanent Address	K-80990, jankipuram, New Delhi
Transfer Certificate	<a href="#">View File</a>	10th Marksheets	<a href="#">View File</a>
12th Marksheets	<a href="#">View File</a>	Graduation Certificate	NA
Post Graduation Certificate	NA		

#	Board / University	Year	Percentage	Stream
10th(Secondary)	CBSE	2014	80	Science
12th(Senior Secondary)	CBSE	2016	75	Science
Graduation				
Post Graduation				

Declaration : I hereby state that the facts mentioned above are true to the best of my knowledge and belief.  
(test1)

[Edit Details](#) [Print](#)

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## Submit Fees

CAMS User

Dashboard

Admission Form

Submit Fees

Hello, test1

Submit Fees

Payment Amount

Mode of Payments

Transaction Number

Date of Transaction

[Submit](#)

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## Fees submission detail

The screenshot shows the CAMS User interface. On the left is a dark sidebar with the title "CAMS User" and three menu items: "Dashboard", "Admission Form", and "Submit Fees". The main content area has a header "Addmission Fees" and a sub-header "Dashboard - Fees". A message "Your fee is already submitted." is displayed above a table of transaction details. The table includes rows for "Payment Amount" (72000), "Mode of Payment" (Credit Card), "Transaction Number" (789456), and "Date of Transaction" (2022-03-04). A blue "Print" button is located below the table. At the bottom of the page, a copyright notice reads "Copyright © 2022 CAMS, All rights reserved.".

## Forgot Password

The screenshot shows the "College Admission Management System | Recover Password" page. The top navigation bar includes the system name and a back arrow icon. The main content area is titled "CAMS Recover Password" and features a "Forget Password" link. Below this are two input fields: one for "Email Address" and another for "Contact Number", both with placeholder icons. At the bottom are two buttons: a blue "Reset" button and a red "Login" button. At the very bottom of the page, a copyright notice reads "Copyright © 2022 CAMS, All rights reserved.".

## Reset Password

College Admission Management System | Recover Password

CAMS Reset Password

Reset

Enter New Password

Enter Confirm Password

Reset

Login

New User can register ?

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## Admin Panel

### Login Page

College Admission Management System | Admin login

CAMS Admin Login

Login

Username

Password

Login

Forgot password?

Back Home

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## Dashboard

The screenshot shows the CAMS Admin dashboard. On the left is a dark sidebar with white text and icons, listing navigation options: Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. At the top right, there is a user profile icon with the text "Hello, Admin" and a notification bell icon with a red circle containing the number "0". The main area contains six cards with statistical information:

- 8 Listed Courses
- 6 Register Users
- 6 Total Applications
- 0 Pending Applications
- 4 Selected Application
- 2 Rejected Application

At the bottom of the main area, the text "Copyright © 2022 CAMS , All rights reserved." is visible.

## Profile

The screenshot shows the CAMS Admin profile page. The sidebar on the left is identical to the one in the dashboard. At the top right, the user profile icon shows "Hello, Admin" and a notification bell icon with a red circle containing the number "0". The main content area is titled "Admin Profile" and contains two input fields: "Admin Name" (with "Admin" typed in) and "User Name" (with "Admin" typed in). Below these fields is a text input field showing the date "2021-05-18 10:19:25". At the bottom of the form is a blue "Update" button. The footer at the bottom of the page reads "Copyright © 2022 CAMS , All rights reserved."

## Change Password

The screenshot shows the 'Change Password' page within the CAMS Admin interface. The left sidebar contains navigation links such as Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area is titled 'Change Password' and includes fields for 'Current Password', 'New Password', and 'Confirm Password'. A blue 'Change' button is at the bottom. The top right corner shows a user profile with the text 'Hello, Admin' and a notification bell icon with a red '0'.

## Add Course

The screenshot shows the 'Add Course' page within the CAMS Admin interface. The left sidebar contains the same navigation links as the previous page. The main content area is titled 'Add Course' and includes a section for 'Course in College' with a 'Course Name' input field. A blue 'ADD' button is at the bottom. The top right corner shows the same user profile and notification bell icon.

## Manage Course

The screenshot shows the 'Manage Course' section of the CAMS Admin dashboard. On the left is a dark sidebar with various administrative links. The main area displays a table of courses with columns for S.NO, Course Name, and Action. Each row contains an edit icon and a delete icon.

S.NO	Course Name	Action
1	B.Tech	
2	Agriculture	
3	MCA	
4	MSC	
5	B.COM	
6	BSC	
7	MCOM	
8	BCA	

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## Update Course

The screenshot shows the 'Update Course' section of the CAMS Admin dashboard. It features a sidebar with administrative links and a main form area. The form includes fields for 'Course in College' and 'Course Name' (set to 'B.Tech'). A note below the name field provides information about available specializations. At the bottom is a blue 'Update' button.

Course in College

Course Name

B.Tech

Check here the list of all b tech Courses with top Specializations you can opt after the 12th. Explore the list to know more.

Update

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## Registered Users

The screenshot shows the 'User Detail' page of the CAMS Admin application. At the top right, there is a user profile icon with 'Hello, Admin' and a notification bell icon with a red '0'. The left sidebar contains navigation links: Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area is titled 'User Detail' and shows a table of user information:

S.NO	First Name	Last Name	Mobile Number	Email	Action
1	Anuj	Kumar	1234567890	anujk@gmail.com	<a href="#">View App Form</a>
2	Test	Rai	7987987979	sar@gmail.com	<a href="#">View App Form</a>
3	Sariya	Singh	7894561236	test@gmail.com	<a href="#">View App Form</a>
4	Johnn	doe	1234567898	johndoe@gmail.com	<a href="#">View App Form</a>
5	Amit	Kumar Singh	1256987410	amitk@gmail.com	<a href="#">View App Form</a>
6	test1	test2	1123325444	test1@gmail.com	<a href="#">View App Form</a>

At the bottom left, it says 'Copyright © 2022 CAMS, All rights reserved.'

## Update Users Details

The screenshot shows the 'User Profile' page of the CAMS Admin application. At the top right, there is a user profile icon with 'Hello, Admin' and a notification bell icon with a red '0'. The left sidebar contains navigation links: Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area is titled 'User Profile' and shows form fields for updating user information:

First Name <input type="text" value="test1"/>	Last Name <input type="text" value="test2"/>
Contact Number <input type="text" value="1123325444"/>	Email <input type="text" value="test1@gmail.com"/>

A blue 'Update' button is located at the bottom left of the form.

At the bottom left, it says 'Copyright © 2022 CAMS, All rights reserved.'

## View Application Form

CAMS Admin

- [Dashboard](#)
- [Course](#)
- [Reg. Users](#)
- [Admission application](#)
- [Search Application](#)
- [Public Notice](#)
- [Enquiry](#)
- [Pages](#)
- [Subscriber](#)
- [Reports](#)

Hello, Admin




View Application Form

Dashboard - Application Form

Applicant Name	test1 test2	Reg Date	2022-03-04 10:04:55
Course Applied	Agriculture	Student Fullname	test1 test2
Student Mob Number	1123325444	Student Email	test1@gmail.com
Student Pic			
Mother Name	Kumkum Devi	DOB	1997-05-06
Nationality	Indain	Gender	Male
Category	General	Correspondence Address	K-80990, jankipuram, New Delhi
Permanent Address	K-80990, jankipuram, New Delhi		
10th Marksheets	<a href="#">View File</a>	12th Marksheets	<a href="#">View File</a>
Graduation Certificate	NA	Post Graduation Certificate	NA

#	Board / University	Year	Percentage	Stream
10th(Secondary)	CBSE	2014	80	Science
12th(Senior Secondary)	CBSE	2016	75	Science
Graduation				
Post Graduation				

**Declaration :** I hereby state that the facts mentioned above are true to the best of my knowledge and belief.  
(test1)

Admin Remark	Your application has been selected
Fee Amount	72000
Admin Remark date	2022-03-04 10:07:17
Application Status	Selected

[Print](#)

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## Pending Application

CAMS Admin

- [Dashboard](#)
- [Course](#)
- [Reg. Users](#)
- [Admission application](#)
- [Search Application](#)
- [Public Notice](#)
- [Enquiry](#)
- [Pages](#)
- [Subscriber](#)
- [Reports](#)

Hello, Admin




View Application

Dashboard - Pending Application

S.NO	Course Applied	First Name	Last Name	Mobile Number	Email	Action
1	Agriculture	test1	test2	1123325444	test1@gmail.com	<a href="#">View Details</a>

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## View Pending Application

CAMS Admin

- Dashboard
- Course
- Reg. Users
- Admission application
- Search Application
- Public Notice
- Enquiry
- Pages
- Subscriber
- Reports

Hello, Admin

Logout

### View Application Form

Dashboard - Application Form

Applicant Name	test1 test2	Reg Date	2022-03-04 10:04:55
Course Applied	Agriculture	Student Fullname	test1 test2
Student Mob Number	1123325444	Student Email	test1@gmail.com
Student Pic			
Mother Name	Kumkum Devi	DOB	1997-05-06
Nationality	Indain	Gender	Male
Category	General	Correspondence Address	K-80990, Jankipuram, New Delhi
Permanent Address	K-80990, Jankipuram, New Delhi	Transfer Certificate	<a href="#">View File</a>
10th Marksheets	<a href="#">View File</a>	12th Marksheets	<a href="#">View File</a>
Graduation Certificate	NA	Post Graduation Certificate	NA

#	Board / University	Year	Percentage	Stream
10th(Secondary)	CBSE	2014	80	Science
12th(Senior Secondary)	CBSE	2016	75	Science
Graduation				
Post Graduation				

**Declaration :** I hereby state that the facts mentioned above are true to the best of my knowledge and belief.  
(test1)

Application Status :	Selected
Admin Remark :	
Fee Amount :	

**Buttons:** Update, Print

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## Selected Application

CAMS Admin

- Dashboard
- Course
- Reg. Users
- Admission application
- Search Application
- Public Notice
- Enquiry
- Pages
- Subscriber
- Reports

Hello, Admin

Logout

### View Application

Dashboard - Selected Application

S.NO	Course Applied	First Name	Last Name	Mobile Number	Email	Status	Action
1	B.Tech	Saranya	Singh	7894561236	test@gmail.com	Selected	<a href="#">View Details</a>   <a href="#">View Fees</a>
2	B.Tech	Johnn	doe	1234567898	johndoe@gmail.com	Selected	<a href="#">View Details</a>   <a href="#">View Fees</a>
3	MSC	Amit	Kumar Singh	1256987410	amitk@gmail.com	Selected	<a href="#">View Details</a>   <a href="#">View Fees</a>

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## View Selected Application

CAMS Admin

- Dashboard
- Course
- Reg. Users
- Admission application
- Search Application
- Public Notice
- Enquiry
- Pages
- Subscriber
- Reports

Hello, Admin

1

### View Application Form

Dashboard - Application Form

Applicant Name	Sariya Singh	Reg Date	2022-03-02 10:24:34
Course Applied	B.Tech	Student Fullname	Sariya Singh
Student Mob Number	7894561236	Student Email	test@gmail.com
Student Pic		Father Name	Mahesh Singh
Mother Name	Veena Singh	DOB	1996-05-01
Nationality	Indian	Gender	Female
Category	General	Correspondence Address	G-708, Nandgram Ghaziabad(UP)
Permanent Address	G-708, Nandgram Ghaziabad(UP)	Transfer Certificate	<a href="#">View File</a>
10th Marksheets	<a href="#">View File</a>	12th Marksheets	<a href="#">View File</a>
Graduation Certificate	NA	Post Graduation Certificate	NA

#	Board / University	Year	Percentage	Stream
10th(Secondary)	CBSE	2013	86	Science
12th(Senior Secondary)	CBSE	2015	92	PCM
Graduation	UPTU	2020	72	B.Tech
Post Graduation				

**Declaration :** I hereby state that the facts mentioned above are true to the best of my knowledge and belief.  
(gdgftewsdgyhkj)

Admin Remark	Application has been selected
Fee Amount	60000
Admin Remark date	2022-03-02 10:53:28
Application Status	Selected

[Print](#)

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## Rejected Application

CAMS Admin

- Dashboard
- Course
- Reg. Users
- Admission application
- Search Application
- Public Notice
- Enquiry
- Pages
- Subscriber
- Reports

Hello, Admin

1

### View Application

Dashboard - Rejected Application

S.NO	Course Applied	First Name	Last Name	Mobile Number	Email	Status	Action
1	B.COM	Anuj	Kumar	1234567890	anujk@gmail.com	Rejected	<a href="#">View Details</a>
2	B.Tech	Test	Rai	7987987979	sar@gmail.com	Rejected	<a href="#">View Details</a>

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## View Rejected Application

The screenshot shows a web-based application interface for managing college admissions. The main title is "View Application Form". The application details include:

- Applicant Name: Test Rai
- Course Applied: STech
- Student Mob Number: 7897897879
- Reg Date: 2022-05-23 18:03:55
- Student Fullname: Test Rai
- Student Email: sar@gmail.com
- Father Name: Mr. Karen Kumar
- Mother Name: Mrs. Kamala Devi
- Nationality: Indian
- Category: General
- Permanent Address: 123 Main Street, New York, NY, USA
- DOB: 0000-00-00
- Gender: Male
- Correspondence Address: 123 Main Street, New York, NY, USA
- Transfer Certificate: View File
- 10th Marksheet: View File
- 12th Marksheet: View File
- Post Graduation Certificate: NA

Education History:

#	Board / University	Year	Percentage	Stream
1	CBSE	2016	89	Science
2	CBSE	2018	79	Science

Declaration:

I hereby state that the facts mentioned above are true to the best of my knowledge and belief.  
(Religious/Political)

Admin Remarks:

Rejected
0
2022-05-23 17:04:09
Rejected

Application Status:

Print

Show desktop

## All Application

The screenshot shows a list of pending applications. The table columns are:

S.NO	Course Applied	First Name	Last Name	Mobile Number	Email	Status	Action
1	B.COM	Anuj	Kumar	1234567890	anujk@gmail.com	Rejected	<a href="#">View Details</a>
2	B.Tech	Test	Rai	7987987979	sar@gmail.com	Rejected	<a href="#">View Details</a>
3	B.Tech	Sariya	Singh	7894561236	test@gmail.com	Selected	<a href="#">View Details</a>
4	MCA	Sakshi	Korde	8888888888	sakshi123@gmail.com	Selected	<a href="#">View Details</a>
5	MSC	Namrata	Langewar	9863542421	namrata123@gmail.com	Selected	<a href="#">View Details</a>
6	MSC	Kunal	Asole	7777755555	kunal123@gmail.com	Selected	<a href="#">View Details</a>

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## Add Notice

The screenshot shows the 'Add Notice' page within the CAMS Admin interface. On the left, a dark sidebar menu lists various administrative functions: Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The 'Public Notice' item is currently selected, indicated by a downward arrow. The main content area is titled 'Add Notice' and includes a breadcrumb navigation 'Dashboard - Notice'. Below this, there is a form labeled 'Notice' with fields for 'Title' (a text input field) and 'Description' (a larger text area). At the bottom of the form is a blue 'ADD' button. In the top right corner of the main window, there is a user profile placeholder with the text 'Hello, Admin' and a small user icon. To the right of the profile, there are two notification icons: a green circle with the number '1' and a red circle with the number '0'.

## Manage Notice

The screenshot shows the 'Manage Notice' page within the CAMS Admin interface. The left sidebar is identical to the 'Add Notice' page, showing the 'Public Notice' item as selected. The main content area is titled 'Manage Notice' and includes a breadcrumb navigation 'Dashboard - Manage Notice'. Below this is a table listing three notices. The columns are labeled 'S.NO', 'Title', 'Description', and 'Action'. The first notice has a title of 'Test Notice' and a description of 'This for testing purpose. This for testing purpose.This for testing purpose. This for testing purpose.'. The second notice has a title of 'Classes going to start' and a description of 'Going to college for the first time is always exciting. All the new courses, new professors, and new friends. Stay safe and healthy, have fun, and take lots of pictures! Congratulations on this important milestone in your life and good luck!'. The third notice has a title of 'Holidays' and a description of '15 August Independent day'. Each row in the table has a 'Delete' icon (a blue square with a white 'X') in the 'Action' column. In the top right corner of the main window, there is a user profile placeholder with the text 'Hello, Admin' and a small user icon. To the right of the profile, there are two notification icons: a green circle with the number '1' and a red circle with the number '0'.

S.NO	Title	Description	Action
1	Test Notice	This for testing purpose. This for testing purpose.This for testing purpose. This for testing purpose.	
2	Classes going to start	Going to college for the first time is always exciting. All the new courses, new professors, and new friends. Stay safe and healthy, have fun, and take lots of pictures! Congratulations on this important milestone in your life and good luck!	
3	Holidays	15 August Independent day	

## Update Notice

The screenshot shows the 'Update Notice' section of the CAMS Admin interface. On the left is a dark sidebar with various menu items: Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The 'Update Notice' tab is selected, showing a sub-menu for 'Notice of College'. The main content area has tabs for 'Update Notice' and 'Dashboard - Update Notice'. It contains fields for 'Title' (set to 'Test Notice') and 'Description' (containing placeholder text). A blue 'Update' button is at the bottom. The top right shows a user profile 'Hello, Admin' and a notification bell icon with a red '1'.

## Unread Enquiry

The screenshot shows the 'Unread Enquiry' section of the CAMS Admin interface. The left sidebar is identical to the previous screen. The 'Unread Enquiry' tab is selected, showing a sub-menu for 'Unread Enquiry'. The main content area displays a table with columns: S.No, Name, Email, Enquiry Date, and Action. One row is shown, with details: S.No 1, Name Anuj, Email ak@gmail.com, Enquiry Date 2022-03-04 06:59:21, and Action (an eye icon). The top right shows a user profile 'Hello, Admin' and a notification bell icon with a red '1'. The bottom of the page includes a copyright notice: 'Copyright © 2022 CAMS , All rights reserved.'

## View Unread Enquiry

The screenshot shows the CAMS Admin dashboard. On the left, a dark sidebar menu lists various administrative functions: Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The 'Enquiry' option is currently selected, indicated by a blue border. The main content area is titled 'View Enquiry' and displays a single message from a user named 'Sakshi'. The message details are:

Name	Sakshi	Email	Contact Number
Message	hii		

At the bottom of the content area, a small note reads 'Copyright © 2022 CAMS , All rights reserved.'

## About Us

The screenshot shows the 'Update About Us' page within the CAMS Admin interface. The left sidebar remains the same as the previous screenshot. The main content area is titled 'Update About Us' and contains fields for updating the 'About Us' section. The 'Title' field is filled with 'About Us'. The 'Page Description' field contains the following text:

Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Nulla mollis dapibus nunc, ut rhoncus turpis sodales quis. Integer sit amet mattis quam.

At the bottom of the form is a blue 'Update' button. At the very bottom of the page, a copyright notice reads 'Copyright © 2022 CAMS , All rights reserved.'

## Contact Us

The screenshot shows the CMS Admin dashboard with a sidebar on the left containing navigation links such as Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area is titled "Update Contact Us" and displays a form with fields for Title (Contact Us), Email Address (roshanmuneshwar143@gmail.com), Page Description (SIBAR Kondhwa-Saswad,Pune), and Mobile Number (9673207886). A blue "Update" button is at the bottom.

## Between Dates Report

The screenshot shows the CMS Admin dashboard with a sidebar on the left containing navigation links such as Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area is titled "Between Dates Report Date Selection" and displays a form with fields for "From Dates" (dd-mm-yyyy) and "To Dates" (dd-mm-yyyy), both with calendar icons. A blue "Submit" button is at the bottom. At the bottom of the page, there is a copyright notice: "Copyright © 2022 CAMS , All rights reserved."

## View Between Dates Reports

The screenshot shows the CAMS Admin dashboard on the left with various menu items like Dashboard, Course, Reg. Users, etc. The main content area is titled 'Between Dates Report Date Selection' under 'Dashboard - Between Dates Report Date Selection'. It contains fields for 'From Dates' and 'To Dates' (both in dd-mm-yyyy format) and a 'Submit' button. At the bottom, it says 'Copyright © 2022 CAMS , All rights reserved.'

## Forgot Password

The screenshot shows the 'College Admission Management System | Recover Password' page. It has fields for 'Email Address' and 'Contact Number', and buttons for 'Reset' (blue) and 'Login' (red). At the bottom, it says 'Copyright © 2022 CAMS , All rights reserved.'

## Reset Password

The screenshot shows the 'College Admission Management System | Recover Password' page. It has fields for 'Enter New Password' and 'Enter Confirm Password', and buttons for 'Reset' (blue) and 'Login' (red). At the bottom, it says 'Copyright © 2022 CAMS , All rights reserved.'

## **SYSTEM TESTING**

System testing is the stage of implementation, which is aimed at ensuring that the system works accurately and efficiently before live operation commences.

Testing is the process of executing the program with the intent of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied. The ultimate aim is quality assurance.

Tests are carried out and the results are compared with the expected document. In the case of erroneous results, debugging is done. Using detailed testing strategies a test plan is carried out on each module. The various tests performed in “**Network Backup System**” are unit testing, integration testing and user acceptance testing.

### **Unit Testing**

The software units in a system are modules and routines that are assembled and integrated to perform a specific function. Unit testing focuses first on modules, independently of one another, to locate errors. This enables, to detect errors in coding and logic that are contained within each module. This testing includes entering data and ascertaining if the value matches to the type and size supported by java. The various controls are tested to ensure that each performs its action as required.

### **Integration Testing**

Data can be lost across any interface, one module can have an adverse effect on another, sub functions when combined, may not produce the desired major

functions. Integration testing is a systematic testing to discover errors associated within the interface. The objective is to take unit tested modules and build a program structure. All the modules are combined and tested as a whole. Here the Server module and Client module options are integrated and tested. This testing provides the assurance that the application is well integrated functional unit with smooth transition of data.

### **User Acceptance Testing**

User acceptance of a system is the key factor for the success of any system. The system under consideration is tested for user acceptance by constantly keeping in touch with the system users at time of developing and making changes whenever required.

## **DESIGN AND IMPLEMENTATION CONSTRAINTS**

Some of the design and implementation constraints identified are listed below:

- Student is not allowed to register with same email and contact number (Unique email and contact number will be registered).
- Student not has any rights to edit any data in the admission form after submission.
- Once admission application selected user can upload their docs once..
- This system is not support distributed database Facility.
- System is limited to HTTP/HTTPS Protocols.

Implementation is the stage in the project where the theoretical design is turned into a working system and is giving confidence on the new system for the users that it will work efficiently and effectively. It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over, an evaluation of change over methods. Apart from planning major task of preparing the implementation are education and training of users. The implementation process begins with preparing a plan for the implementation of the system. According to this plan, the activities are to be carried out, discussions made regarding the equipment and resources and the additional equipment has to be acquired to implement the new system. In network backup system no additional resources are needed.

Implementation is the final and the most important phase. The most critical stage in achieving a successful new system is giving the users confidence that the new system will work and be effective. The system can be implemented only after thorough testing is done and if it is found to be working according to the specification. This method also offers the greatest security since the old system can take over if the errors are found or inability to handle certain type of transactions while using the new system.

### **User Training**

After the system is implemented successfully, training of the user is one of the most important subtasks of the developer. For this purpose user manuals are prepared and handled over to the user to operate the developed system. Thus the users are trained to operate the developed system. Both the hardware and software securities are made to run the developed systems successfully in future. In order to put new application system into use, the following activities were taken care of:

- Preparation of user and system documentation
- Conducting user training with demo and hands on
- Test run for some period to ensure smooth switching over the system

The users are trained to use the newly developed functions. User manuals

describing the procedures for using the functions listed on menu are circulated

to all the users. It is confirmed that the system is implemented up to users need and expectations.

### **Security and Maintenance**

Maintenance involves the software industry captive, typing up system resources .It means restoring something to its original condition. Maintenance follows conversion to the extent that changes are necessary to maintain satisfactory operations relative to changes in the user's environment. Maintenance often includes minor enhancements or corrections to problems that surface in the system's operation. Maintenance is also done based on fixing the problems reported, changing the interface with other software or hardware enhancing the software. Any system developed should be secured and protected against possible hazards. Security measures are provided to prevent unauthorized access of the database at various levels. An uninterrupted power supply should be so that the power failure or voltage fluctuations will not erase the data in the files.

Password protection and simple procedures to prevent the unauthorized access are provided to the users .The system allows the user to enter the system only through proper user name and password.

## **SUPPLEMENTARY REQUIREMENTS**

**Reduce the Cost of Admission Process:** The main aim of the System is to reduce the cost needed for Admission Process, so it automatically reduces the manual power needed to perform the entire task and improve the quality of the work.

**Increase the Quality of the Process:** The System facilitates the work of the universities and the same time it must reduce the work load of the organization with expected quality. Quality in the sense, the system try to avoid the mistakes that are usually happen during the Admission Process because names of the students sometimes missed in the selected list and call letters for the students also not send properly to the qualified students. Make the Interface Simple as Possible.

**Reduced Time:** To perform any task time is one of the important factors to consider. If the system not utilize properly time, than the entire aim of system is fails and the system is fails to reach its goal. So time take to process all these activities should be less but the output should be effective.

## **OTHER NONFUNCTIONAL REQUIREMENTS**

### **Performance Requirements**

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Some Performance requirements identified is listed below:

- o The database shall be able to accommodate a minimum of 1000,000 records of Students.
- o The software shall support use of multiple users at a time.
- o There are no other specific performance requirements that will affect development.

### **Security Requirements**

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Some of the factors that are identified to protect the software from accidental or malicious access, use, modification, destruction, or disclosure are described below. Specific requirements in this area could include the need to:

- o Utilize certain cryptographic techniques
- o Keep specific log or history data sets
- o Assign certain functions to different modules
- o Restrict communications between some areas of the program
- o Check data integrity for critical variables
- o Later version of the software will incorporate encryption techniques in the user/license authentication process

### **Portability Requirements**

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Some of the attributes of software that relate to the ease of porting the software to other host machines and/or operating systems. This may include:

Java is used to develop the product. So it is easiest to port the software in any environment.

## **Maintainability**

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The user will be able to reset all options and all stored user variables to default settings.

## **Reliability**

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Some of the attributes identified for the reliability is listed below:

All data storage for user variables will be committed to the database at the time of entry.

Data corruption is prevented by applying the possible backup procedures and techniques.

## **Usability requirements**

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Some of the usability requirements identified for this system are listed below:

- o A logical interface is essential to an easy to use system, speeding up common tasks.
- o Error prevention is integral to the system and is provided in a number of formats from sanity checks to limiting free-text input.

## **CONCLUSION**

In this way we are going to develop college admission system, which is helpful for Reduction in manual work so less manpower required. Students' records can be accessed within few seconds, Clarity in account section. Our system primarily focuses on building an efficient and user friendly communication system for the educational institutions.

## REFERENCE

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