

**Project Report**

# **College Admission Management System**



University of Pune

**SUBMITTED TO SAVITRIBAI PHULE PUNE UNIVERSITY**

**SUBMITED BY**

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**ROLL NO: 102**

**UNDER THE GUIDANCE OF**

**Kalyani Alisethy**

**In Partial Fulfillment of**

**MASTERS IN COMPUTER APPLICATION**

**SINHGAD INSTITUTE OF BUSINESS ADMINISTRATION AND RESEARCH**

**KONDHWA, PUNE-411048**

**2022-2023**

## **CERTIFICATE OF ORIGINALITY**

This 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.

work 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

External Examiner



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## **ACKNOWLEDGEMENT**

We are pleased to acknowledge **your prof. name** 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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## CONTENTS

- **Introduction**
- **Problem specification**
- **Background and related work**
- **Goals**
- **Hardware Requirements**
- **Proposed System**
- **Overview**
- **Flow chart / ER Diagram/Data Flow Diagram**
- **Database and MySQL Tables**
- **Output screen**
- **System Testing**
- **Design and implementation constraints**
- **Supplementary requirements**
- **Other nonfunctional requirement**
- **Conclusion**
- **Reference**

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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

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## **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  
Processor

RAM : 1 GB

HDD : 1 TB

MOITO : V.G.A, LCD,

R : LED

Keyboard, Mouse, Printer.

## **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.

## **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:**

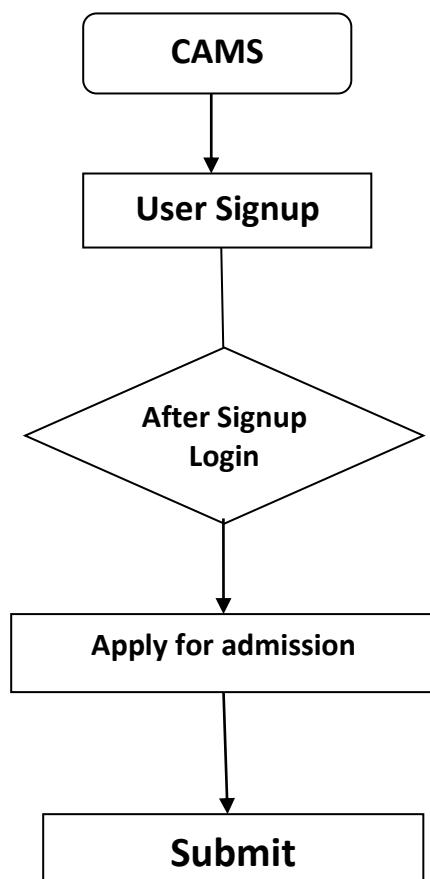
The rest of this document will give further details on the overall product description, including the hardware, software, and communications interfaces, product functions, user characteristics, and any assumptions that will be made.

### **Specific Requirements:**

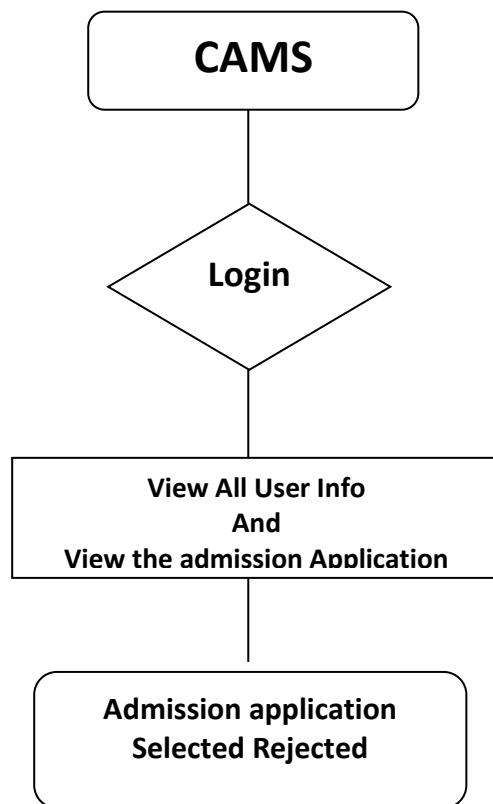
The college will also include the specific requirements needed. These will include the functions, performance, design, and software attributes. This document is organized in a logical manner and is easy to follow. Readers should refer to the table of contents, appendices, or index if looking for something 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**

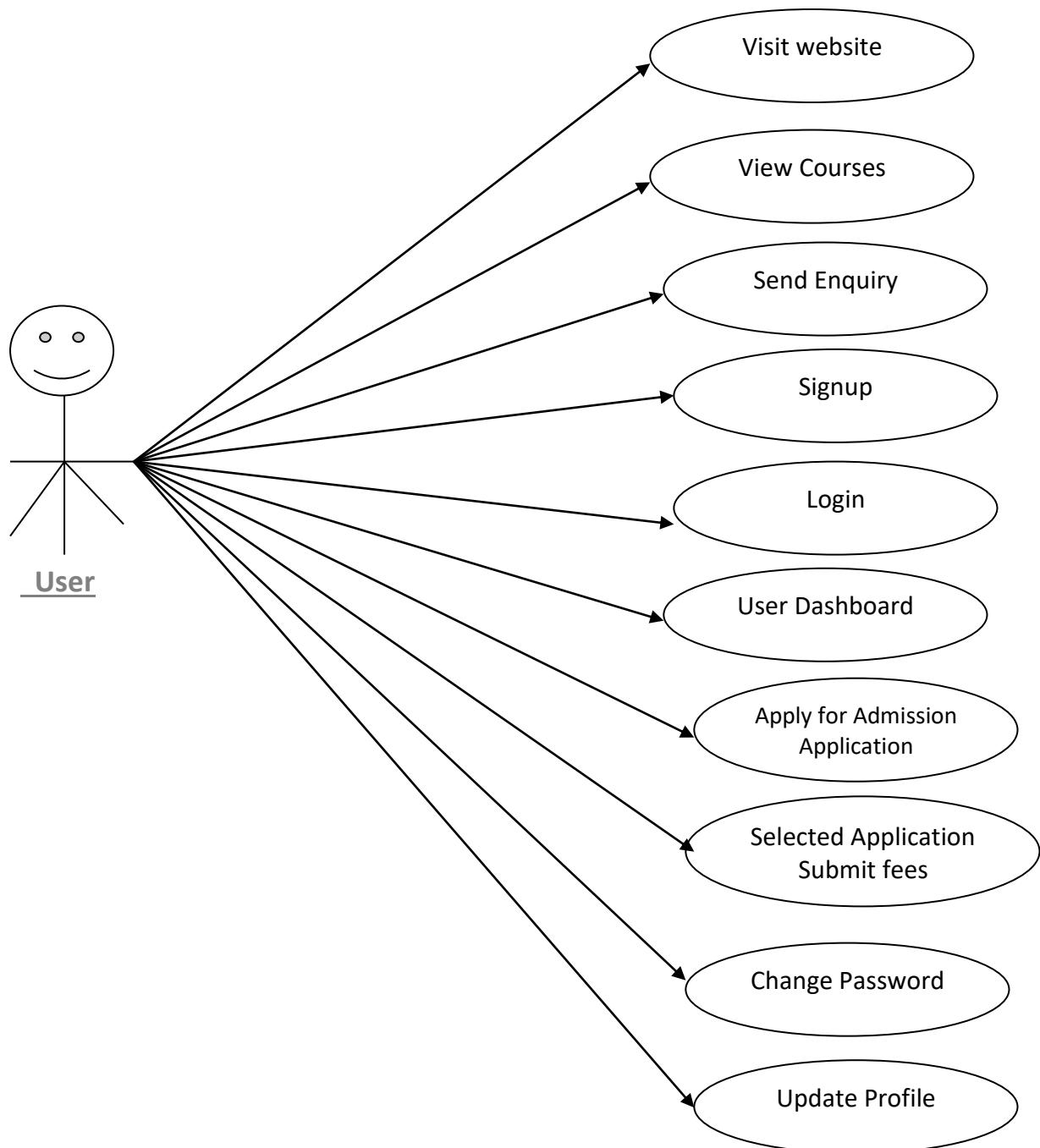
### **User flow chart**



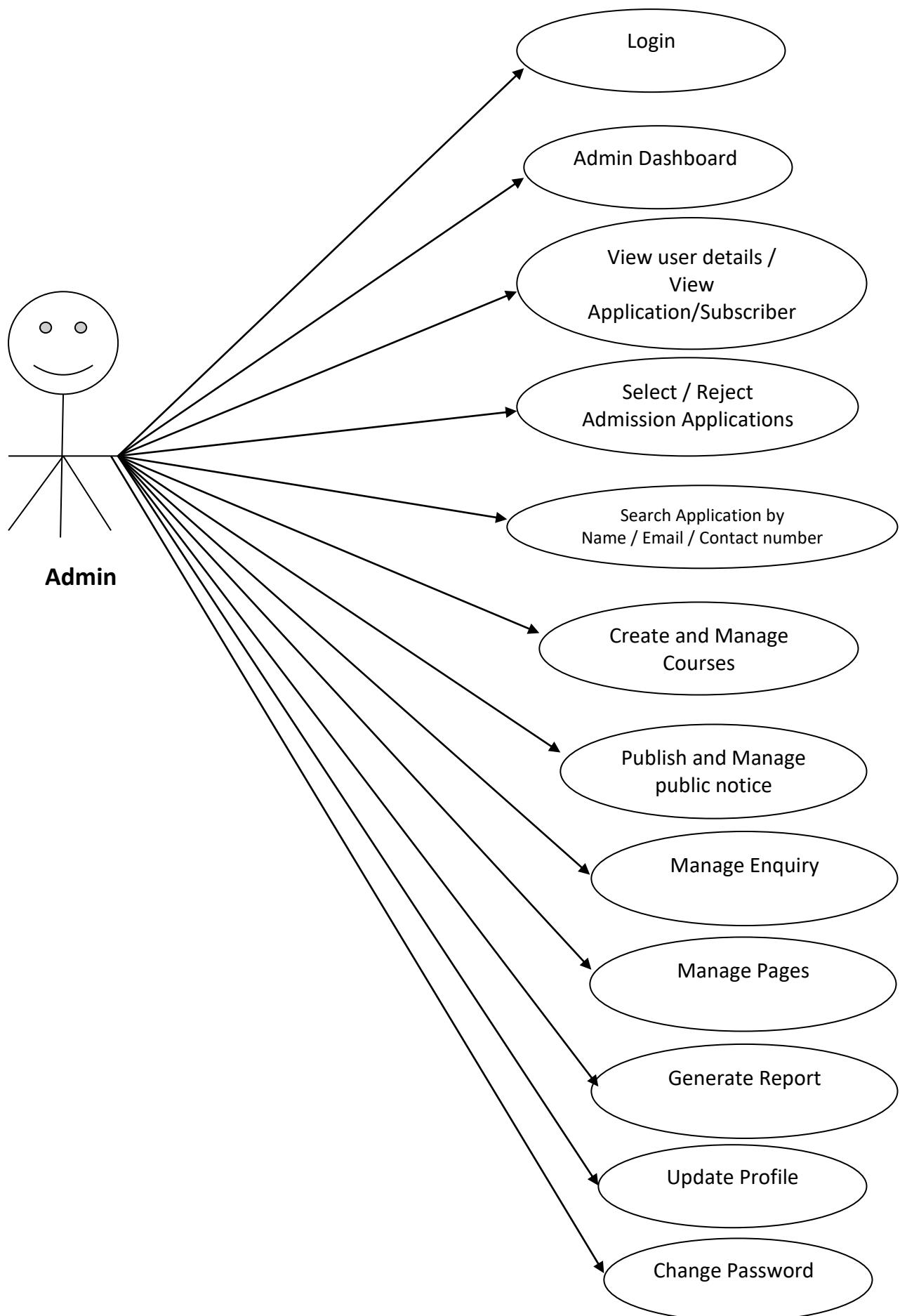
## Admin Flow Chart



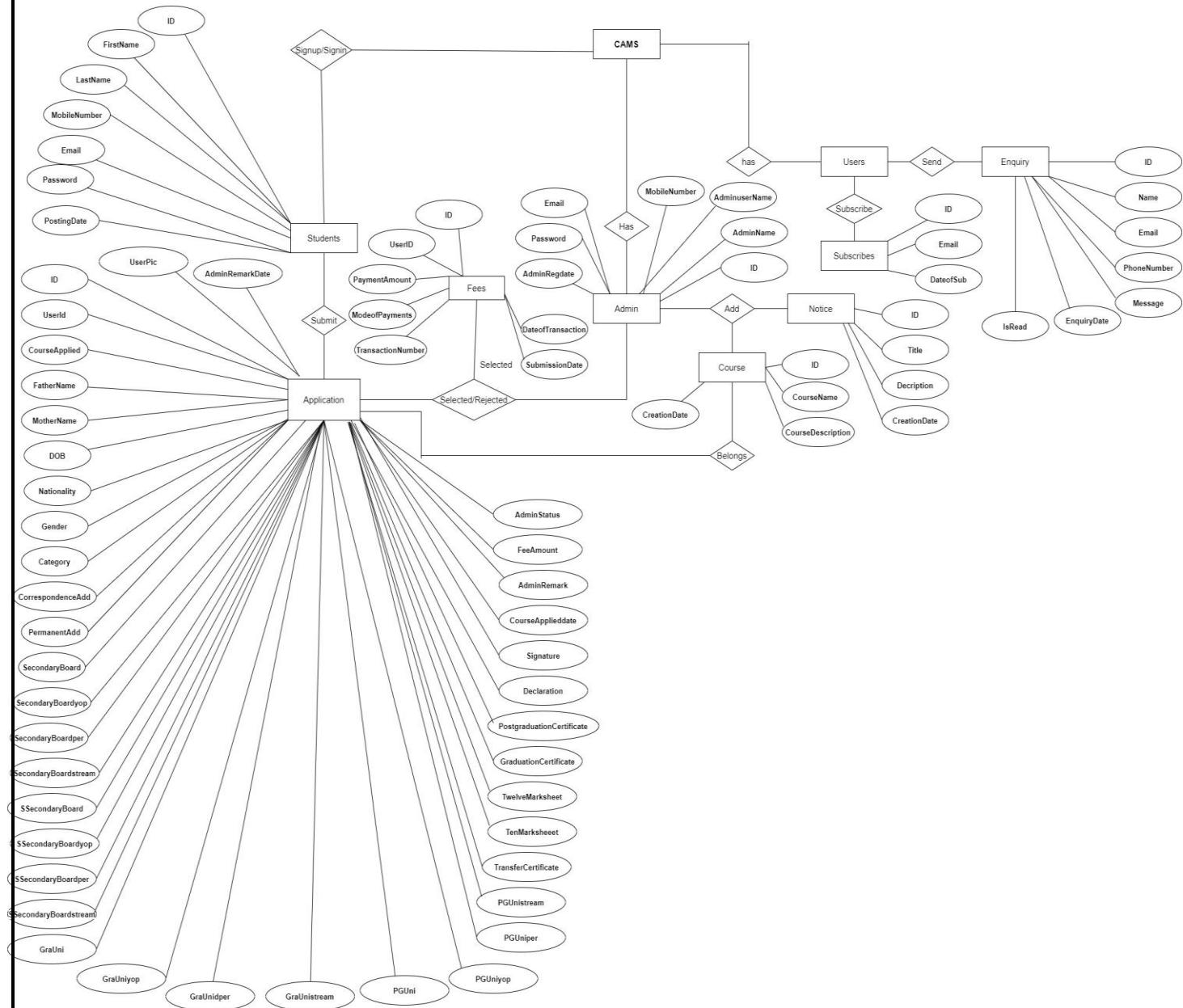
## Use Case flow Diagram (User)



## Use Case flow Diagram (admin)

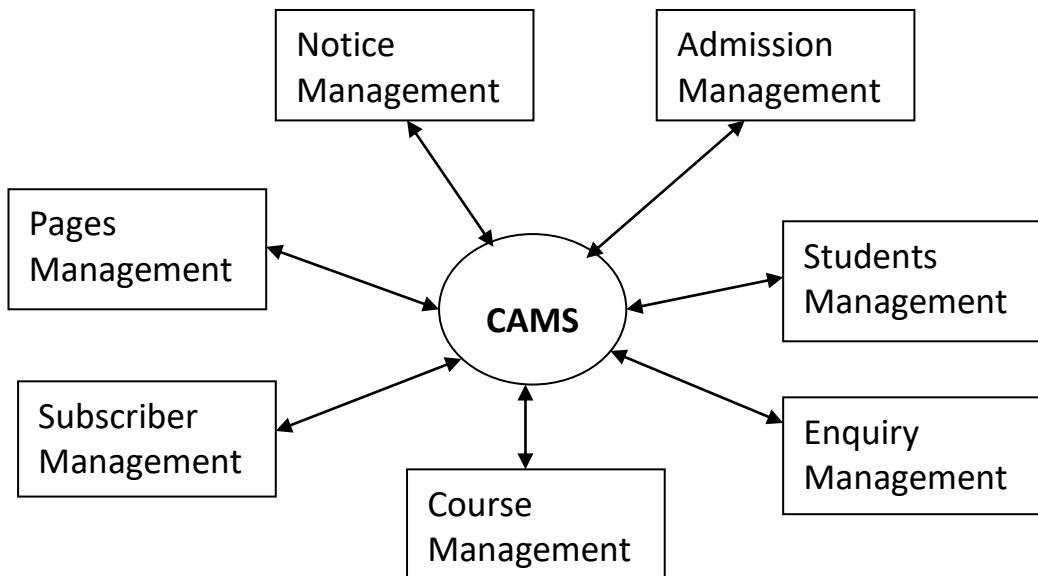


## ER Diagram

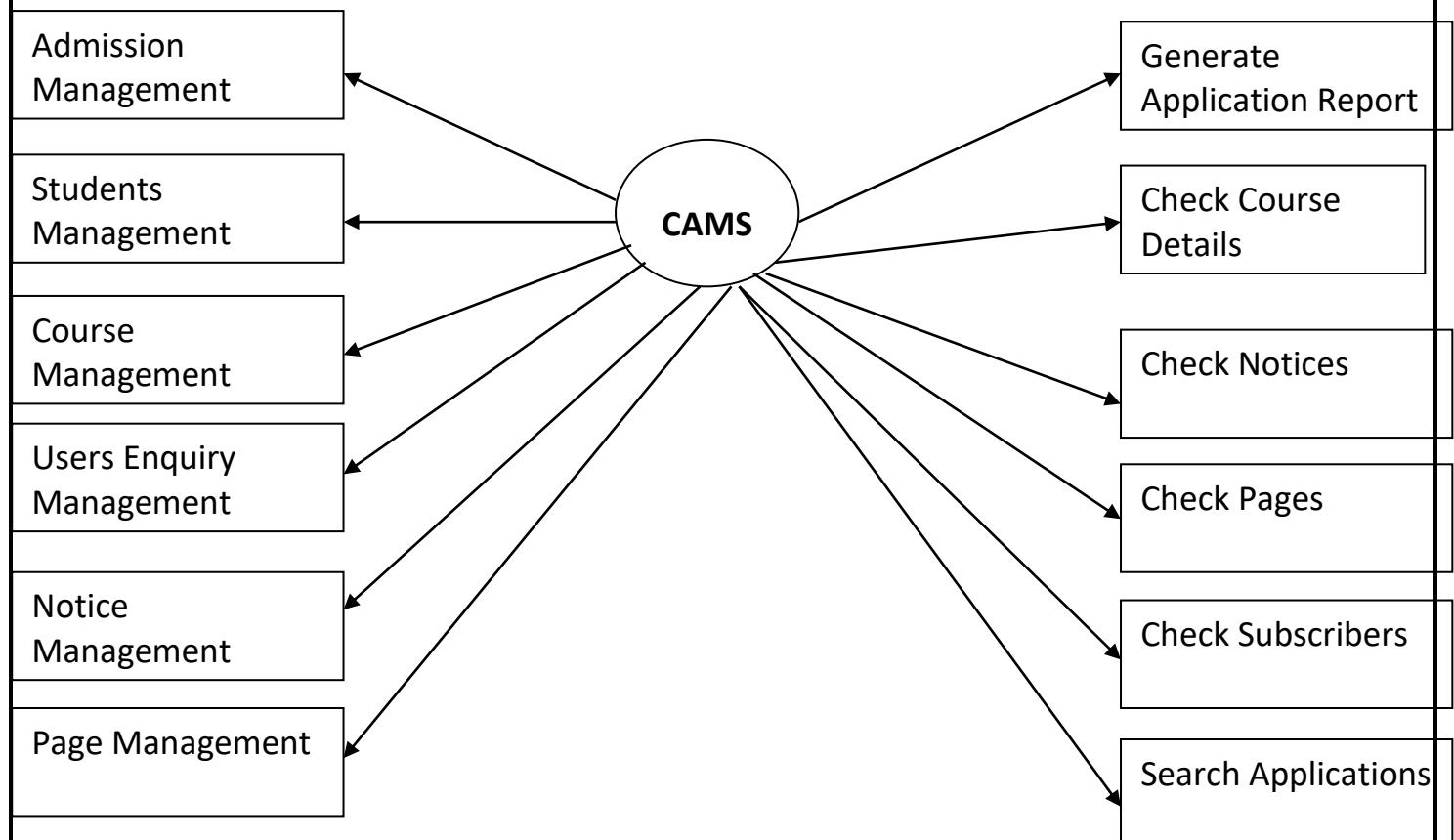


## Data Flow Diagram

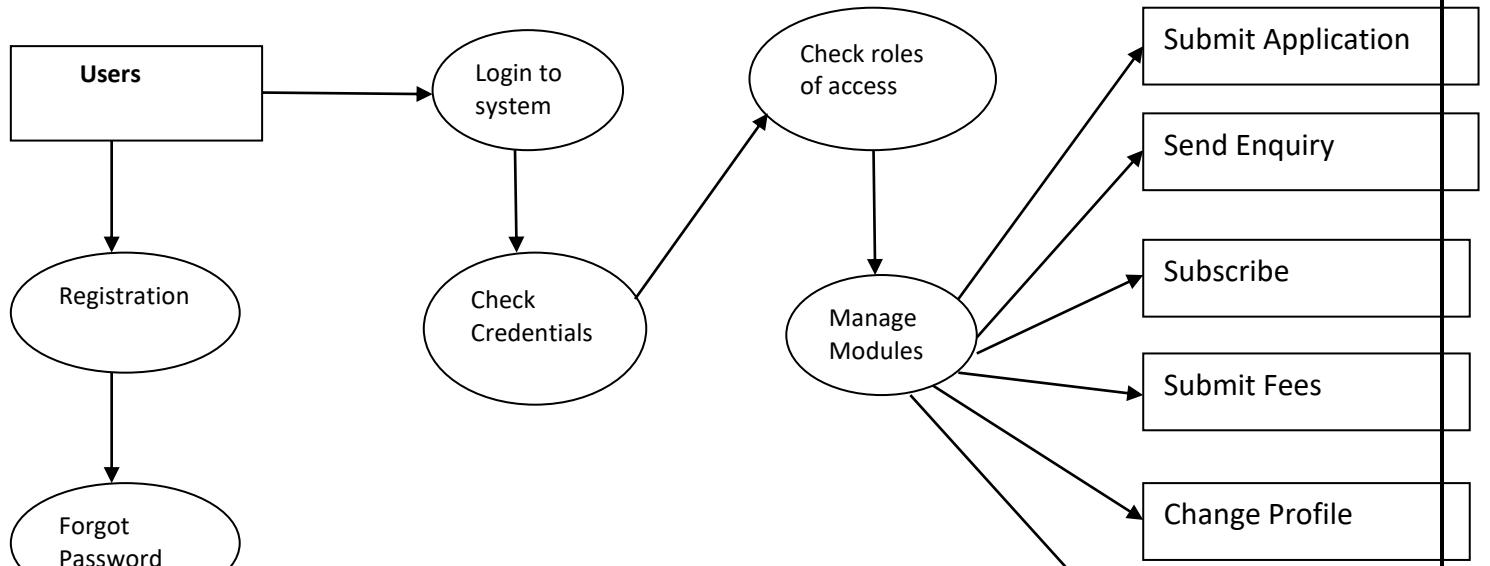
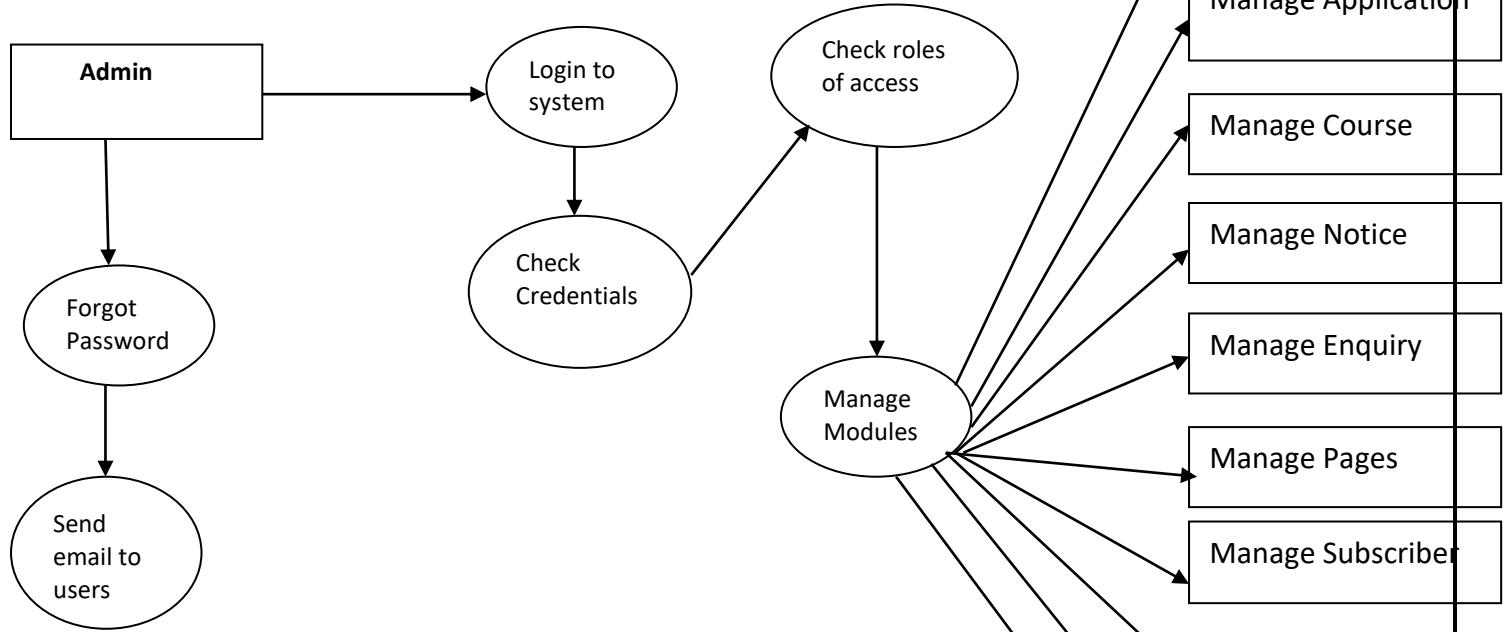
### Zero Level DFD



### 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		

## tbladapplications

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

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

## 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		

## Tblcontact

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

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

## tblpage

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

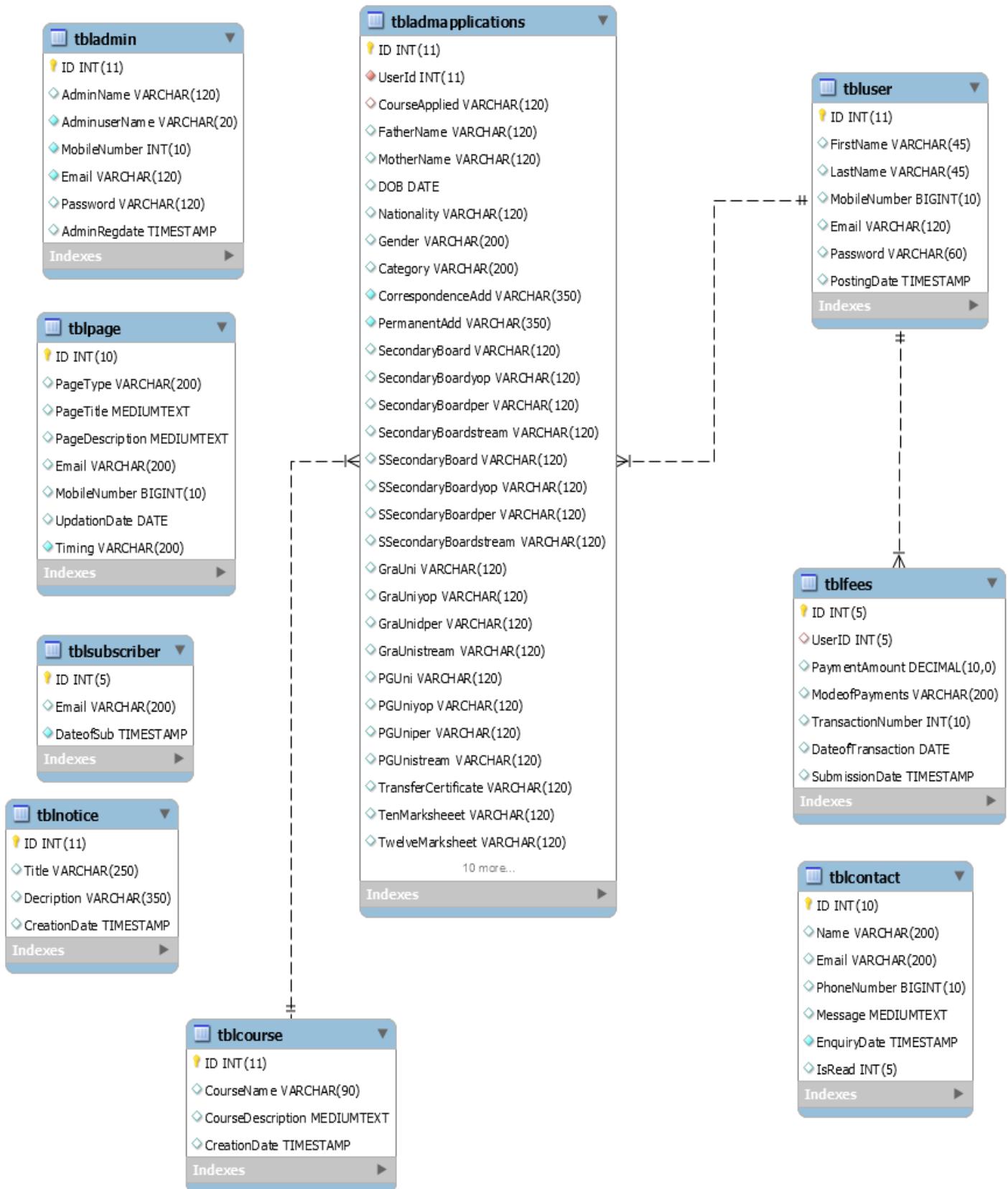
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	PageType	varchar(200)	latin1_swedish_ci		Yes	NULL		
3	PageTitle	mediumtext	latin1_swedish_ci		Yes	NULL		
4	PageDescription	mediumtext	latin1_swedish_ci		Yes	NULL		
5	Email	varchar(200)	latin1_swedish_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	UpdationDate	date			Yes	NULL		
8	Timing	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	ID 	int(5)			No	None		AUTO_INCREMENT
2	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	DateofSub	timestamp			No	current_timestamp()		

## Database Tables Relation



# Output SCREENS

## Home Page

+7896541236 info@gmail.com

**CAMS**

Home About Courses Contact Public Notice Admin Users

**Better Education For A Better World**

Contact Now

### Welcome To Our Campus

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.

[Read More](#)

### Apply for Admission Limited Seat Available

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.

[Apply Here](#)

### Latest Notices



#### Classes going to start

2022-03-02 17:46:00

uiou gyufgiuyrfuitseytguird givksdgjfgiegiuteyuhtg

#### Contact Us

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Courses  
Admin  
Users

#### Newsletter

[Email](#)

Subscribe and get our weekly newsletter  
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CAMS Home About Courses Contact Public Notice Admin Users

## About Us

Home / About



## About Us

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.



**Contact Us**

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## Contact Us

Home / Contact

<b>Address:</b> 890,Sector 62, Gyan Sarovar, GAIL Noida(Delhi/NCR)	Name	Email
<b>Email:</b> info@gmail.com	Phone Number	
<b>Phone:</b> 7896541236	Message	
<b>Timing:</b> 10:30 am to 7:30 pm	<b>Submit Now</b>	

**Contact Us**

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

📞 +7896541236

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[^](#)

## Courses

The screenshot shows the CAMS website's homepage. At the top, there is a dark header bar with contact information (+7896541236, info@gmail.com) and a '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 banner with the text 'Our Courses' and a breadcrumb navigation path: Home / Courses. The background of the content area shows a blurred image of students.

### See Our Courses

The grid displays seven course categories:

- 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.
- AGRICULTURE**: Bachelor of Science in Agriculture. Bachelor of Science (Honors) in Agriculture. Bachelor of Science in Crop Physiology.
- MCA**: Master of Computer Applications (MCA) is a two year professional post-graduate programme for candidates wanting to delve deeper into the world of computer application.
- MSC**: A Master of Science degree (or MSc for short) is a degree awarded at universities around the world for completion of graduate-level study in a science- or technology-related field.
- B.COM**: Full form of BCom is Bachelor of Commerce. B.Com is most popular among aspiring teachers/lecturers and researchers. UGC-NET/JRF and Ph.D. are among popular options for MCom degree holders.
- BSC**: A Bachelor of Science degree (or BSc for short) is a degree awarded at universities around the world for completion of graduate-level study in a science- or technology-related field.
- MCOM**: Full form of MCom is Masters of Commerce. M.Com is most popular among aspiring teachers/lecturers and researchers. UGC-NET/JRF and Ph.D. are among popular options for MCom degree holders. Admission to MCom in top universities is done through an entrance exam. Many universities offer merit-based admission to the course. MCom in India can be pursued as a full-time, part-time, distance or correspondence and online course.
- BCA**: Master of Computer Applications (MCA) is a two year professional post-graduate programme for candidates wanting to delve deeper into the world of computer application development with the help of learning modern programming language. The programme is a blend of both theoretical and practical knowledge.

The footer is divided into three sections:

- Contact Us**: Includes address (890, Sector 62, Gyan Sarovar, GAIL Noida(Delhi/NCR)), phone number (+7896541236), and email (info@gmail.com). It also features social media icons for Facebook, Twitter, Instagram, Google+, and LinkedIn.
- Quick Links**: Provides links to Home, About, Contact, Courses, Admin, and Users.
- Newsletter**: A form for signing up with fields for Email and a yellow 'Email' button. Below it, a message states: "Subscribe and get our weekly newsletter. We'll never share your email address".

At the bottom, a copyright notice reads: "© College Admission Management System. All rights reserved".

# Notice

The screenshot shows the CAMS website's 'Notice' section. At the top, there is a dark header bar with contact information (+7896541236, info@gmail.com) and a '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 large banner image of students outdoors. Overlaid on the banner is the word 'Notice' in large white letters, and below it, a breadcrumb navigation showing 'Home / Notice'. The overall theme is professional and educational.

## 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](#)

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[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 interface. On the left is a dark sidebar with the title 'CAMS User' and links for 'Dashboard', 'Admission Form', and 'Submit Fees'. The main area has a light gray header with 'Profile' and 'Dashboard - Profile'. Below is a form with fields: 'First Name' (test1), 'Last Name' (test2), 'Contact Number' (1123325444), and 'Email' (test1@gmail.com). A blue 'Update' button is at the bottom.

## Change Password

The screenshot shows the 'Change Password' section of the CAMS User interface. The sidebar and header are identical to the Profile page. The main form has three fields: 'Current Password', 'New Password', and 'Confirm Password'. A blue 'Change' button is at the bottom.

Dashboard  
Admission Form  
Submit Fees

## Admission Application Form

Dashboard - Application

### Addmission Form

#### Course Applied

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 :

Select Category

Correspondence Address

Permanent Address

Education Qualification

#	Board / University	Year	Percentage	Stream
10th(Secondary)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12th(Senior Secondary)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Post Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Transfer Certificate(TC)

No file chosen

10th Marksheets

No file chosen

12th Mark Sheet

No file chosen

Graduation Certificate(if any)

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.

Signature

## Detail of Admission Form

CAMS User

Hello, test1

Dashboard

Admission Form

Submit Fees

Admission Application Form

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

Hello, test1

Dashboard

Admission Form

Submit Fees

Addmission Fees

Dashboard - Fees

Submit Fees

Payment Amount

72000

Mode of Payments

Choose Mode of Payment

Transaction Number

Date of Transaction

dd-mm-yyyy

Submit

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## Fees submission detail

The screenshot shows the CAMS User interface. On the left is a sidebar with 'CAMS User' at the top, followed by three items: 'Dashboard', 'Admission Form', and 'Submit Fees'. The main area is titled 'Addmission Fees' and shows a message: 'Your fee is already submitted.' Below this, there is a table with four rows of data:

Payment Amount	72000
Mode of Payment	Credit Card
Transaction Number	789456
Date of Transaction	2022-03-04

At the bottom of the main area is a blue 'Print' button. At the very bottom of the page is a copyright notice: 'Copyright © 2022 CAMS, All rights reserved.'

## Forgot Password

The screenshot shows the 'College Admission Management System | Recover Password' page. At the top center is the title 'CAMS Recover Password'. Below it is a horizontal line with the text 'Forget Password' in the center. The main form contains two input fields: 'Email Address' and 'Contact Number', each with a small icon to its left. At the bottom of the form are two buttons: a blue 'Reset' button and a red 'Login' button. At the very bottom of the page is a copyright notice: '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

Copyright © 2022 CAMS , All rights reserved.

## Dashboard

The screenshot shows the CAMS Admin dashboard. On the left is a dark sidebar menu with the following items:

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

The main area displays six cards with statistics:

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

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

## Profile

The screenshot shows the CAMS Admin profile page. The sidebar menu is identical to the dashboard.

The main area shows the "Admin Profile" section with the following fields:

Admin Name	User Name
Admin	Admin
Admin Registration date	
2021-05-18 10:19:25	

A blue "Update" button is located at the bottom of the profile section.

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

## Change Password

The screenshot shows the 'Change Password' page. At the top right, there is a user profile icon with a green circular badge and a notification bell with a red '0' count. The main form has three input fields: 'Current Password', 'New Password', and 'Confirm Password'. Below the form is a blue 'Change' button. The left sidebar contains a navigation menu with items like Dashboard, Course, Reg. Users, etc.

## Add Course

The screenshot shows the 'Add Course' page. At the top right, there is a user profile icon with a green circular badge and a notification bell with a red '0' count. The main form has two input fields: 'Course Name' and a large text area for 'Course in College'. Below the form is a blue 'ADD' button. The left sidebar contains a navigation menu with items like Dashboard, Course, Reg. Users, etc.

## Manage Course

The screenshot shows the 'Manage Course' page. At the top right, there is a user profile icon with a green circular badge and a notification bell with a red '0' count. The page displays a table with columns 'S.NO', 'Course Name', and 'Action'. The 'Action' column contains icons for edit and delete. The table lists eight courses: B.Tech, Agriculture, MCA, MSC, B.COM, BSC, MCOM, and BCA. The left sidebar contains a navigation menu with items like Dashboard, Course, Reg. Users, etc.

## Update Course

The screenshot shows the 'Update Course' page within the CAMS Admin application. On the left is a dark sidebar menu with various options like Dashboard, Course, Reg. Users, etc. The main content area has a header 'Update Course' and a sub-header 'Dashboard - Update Course'. Below this is a section titled 'Course in College' containing a 'Course Name' input field with 'B.Tech' typed in. There is also a note about other courses with specializations. A blue 'Update' button is at the bottom. The footer says 'Copyright © 2022 CAMS, All rights reserved.'

## Registered Users

The screenshot shows the 'User Detail' page within the CAMS Admin application. The sidebar menu is identical to the previous screen. The main content area has a header 'User Detail' and a sub-header 'Dashboard - User Detail'. It displays a table of registered users:

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

The footer says 'Copyright © 2022 CAMS, All rights reserved.'

## Update Users Details

CAMS Admin

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

Hello, Admin

User Profile

Dashboard - User Profile

User Profile

First Name: test1

Last Name: test2

Contact Number: 1123325444

Email: test1@gmail.com

Update

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## 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		Father Name	Harinder Pal
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)

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

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

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		Father Name	Harinder Pal
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 :

Admin Remark :

Fee Amount :

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## Selected Application

CAMS Admin

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

Hello, Admin

View Application

Dashboard - Selected Application

S.NO	Course Applied	First Name	Last Name	Mobile Number	Email	Status	Action
1	B.Tech	Sariya	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

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.  
(gdgftewsdgyhjk)

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

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	Anuj Kumar	Reg Date	2021-05-19 01:06:49
Course Applied	B.COM	Student Fullname	Anuj Kumar
Student Mob Number	1234567890	Student Email	anujk@gmail.com
Student Pic		Father Name	ABC
Mother Name	XYZ	DOB	2020-11-11
Nationality	Indian	Gender	Male
Category	General	Correspondence Address	ABC Street
Permanent Address	India	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	56	Science
12th(Senior Secondary)	CBSE	2015	70	PCM
Graduation	NA	NA	NA	NA
Post Graduation	NA	NA	NA	NA

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

Admin Remark	Your application is rejected due to insufficient information.		
Fee Amount			
Admin Remark date	2021-05-19 01:43:22		
Application Status	Rejected		

[Print](#)

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# All Application

CAMS Admin

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

Hello, Admin

1

### View Application

Dashboard - Pending 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>
3	B.Tech	Sariya	Singh	7894561236	test@gmail.com	Selected	<a href="#">View Details</a>
4	B.Tech	Johnn	doe	1234567898	johndoe@gmail.com	Selected	<a href="#">View Details</a>
5	MSC	Amit	Kumar Singh	1256987410	amitk@gmail.com	Selected	<a href="#">View Details</a>
6	Agriculture	test1	test2	1123325444	test1@gmail.com	Not Updated Yet	<a href="#">View Details</a>

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# Add Notice

CAMS Admin

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

Hello, Admin

1

### Add Notice

Dashboard - Notice

Notice

Title

Description

ADD

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## Manage Notice

CAMS Admin

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

Hello, Admin

1

### Manage Notice

Dashboard - Manage Notice

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	uiou gyufgiyrfuitseytguid givksdgjfgiegiateyuhtg	

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## Update Notice

CAMS Admin

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

Hello, Admin

1

### Update Notice

Dashboard - Update Notice

Notice of College

Title

Description

**Update**

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## Unread Enquiry

The screenshot shows the CAMS Admin dashboard with a sidebar on the left containing various administrative options like Dashboard, Course, Reg. Users, etc. The main content area is titled 'Unread Enquiry' and shows a table with one row of data. The table columns are S.No, Name, Email, Enquiry Date, and Action. The data row contains: S.No 1, Name Anuj, Email ak@gmail.com, Enquiry Date 2022-03-04 06:59:21, and Action with an eye icon. The top right corner shows a user profile 'Hello, Admin' and a notification badge with the number 1.

S.No	Name	Email	Enquiry Date	Action
1	Anuj	ak@gmail.com	2022-03-04 06:59:21	

## View Unread Enquiry

The screenshot shows the CAMS Admin dashboard with a sidebar on the left. The main content area is titled 'View Enquiry' and shows a table with two rows of data. The table has two columns: Name and Message. The first row shows Name as Anuj, Email as ak@gmail.com, Contact Number as 1234567890, and Message as 'This is for testing'. The second row is empty. The top right corner shows a user profile 'Hello, Admin' and a notification badge with the number 1.

View Enquiry					
Name	Anuj	Email	ak@gmail.com	Contact Number	1234567890
Message	This is for testing				

## About Us

The screenshot shows the 'Update About Us' 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 'About Us' and includes fields for 'Title' (containing 'About Us') and 'Page Description' (containing placeholder text about 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.). A blue 'Update' 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 '1'.

## Contact Us

This screenshot is identical to the one above, showing the 'Update About Us' page in the CAMS Admin system. It features the same sidebar, main content area with 'About Us' title and page description, and the same user interface elements like the 'Update' button and notification bell.

## Between Dates Report

The screenshot shows the 'Between Dates Report Date Selection' page. On the left is a dark sidebar menu with options like Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area has a header 'Between Dates Report Date Selection' and a sub-header 'Dashboard - Between Dates Report Date Selection'. It contains two date input fields: 'From Dates' and 'To Dates', both set to 'dd-mm-yyyy'. Below them is a blue 'Submit' button. At the bottom of the page is a copyright notice: 'Copyright © 2022 CAMS, All rights reserved.'

## View Between Dates Reports

This screenshot is identical to the one above, showing the 'Between Dates Report Date Selection' page. It features the same sidebar menu, header, date selection fields, and submit button. The copyright notice at the bottom is also present.

## 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 has a title 'CAMS Admin' and a sub-instruction 'Recover your password'. It contains two input fields: 'Email Address' and 'Contact Number', both preceded by small icons. Below these are two buttons: a blue 'Reset' button and a red 'Login' button. At the bottom of the page is a copyright notice: 'Copyright © 2022 CAMS, All rights reserved.'

## Reset Password

College Admission Management System | Recover Password ←

**Reset Password**

---

Reset

⟳ Reset⤻ Login

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## **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**

---

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**

---

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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