

College Admission Management System

Project report submitted
in partial fulfillment of requirement for the degree of
Bachelor of Technology
in
Computer Science and Engineering

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Session: 2023 - 24

DECLARATION

We hereby certify that the work which is being presented in B. Tech. Project Report entitled "**College Admission Management System**", as partial fulfillment of the requirement for the degree of Bachelor of Technology in Computer Science and Engineering, submitted to the Department of Computer Science and Engineering of GL BAJAJ Group of Institutions, NH#2-Mathura-Delhi Road, PO-Akbarpur, Mathura-281001 (UP), is an authentic record of my own work carried out during a period from 27 April 2023 to 31 May 2024 under the supervision of **Er. Sanjiv Singh**, in the Computer Science Department.

The matter presented in this project report in full or part, has not been submitted by me for the award of any other degree elsewhere and is free from plagiarism.

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CERTIFICATE

This is to certify that the project report entitled "**College Admission Management System**" done by **Arjun Sethiya (2005110100019)**, **Ahbab Ahmad (2005110100008)**, **Ayush Choubey (2005110100022)** and **Ujjwal (2005111520020)**. This project is part of a partial fulfillment of requirements for the degree of Bachelor in Technology in Computer Science and Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree elsewhere.

Date : 30 May 2024

Place: Mathura

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CSE, HOD

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Abstract:

The College Admission Management System (CAMS) is an innovative project designed to revolutionize the traditional approach to handling admissions in educational institutions. With the ever-increasing complexity and competitiveness of college admissions, there is a growing need for a systematic and efficient platform to manage the entire process. CAMS aims to address this need by providing a comprehensive solution that automates and streamlines every aspect of the admission process, from application submission to enrollment.

Key features of CAMS include an intuitive online application portal where prospective students can easily submit their applications, upload required documents, and track their application status in real-time. The system incorporates robust authentication and security measures to ensure the integrity and confidentiality of applicant data.

Moreover, CAMS facilitates seamless communication between applicants, admission officers, and other stakeholders through integrated messaging and notification features. This fosters transparency and enhances the overall experience for all parties involved.

Administrators benefit from CAMS's advanced analytics and reporting capabilities, which provide valuable insights into application trends, demographics, and conversion rates. This data-driven approach enables institutions to make informed decisions, optimize recruitment strategies, and improve their overall competitiveness in the higher education landscape.

Furthermore, CAMS offers customization options to adapt to the unique needs and workflows of different educational institutions, whether they are small colleges or large universities. The system is scalable and can accommodate future growth and expansion effortlessly.

In summary, the College Admission Management System represents a significant leap forward in modernizing and enhancing the efficiency, transparency, and effectiveness of college admissions processes. By leveraging cutting-edge technology, CAMS empowers institutions to attract top talent, streamline operations, and deliver a superior experience to applicants and administrators alike.

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Chapter 1

Introduction

1.1 Introduction of the project

Today all the work at the time of admission of the students is done manually by ink and paper, which is very slow and consumes much effort and time. In the modern world of technology, computers are affecting our lives in more ways than we probably are aware of. COMPUTERIZED MANAGEMENT maintaining information about educational institutes, colleges, and the list is endless. The main principle behind the need of a 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

1.2 Objectives and Scope of the project

1.2.1 Objectives :

The primary objective of a College Admission Management System (CAMS) is to streamline and optimize the entire process of admitting students into educational institutions. The specific objectives of CAMS include:

1. Efficiency: To automate and digitize the admission process, reducing manual intervention and paperwork. This includes online application submission and processing.
2. Transparency: To provide transparency to applicants regarding their application status, admission criteria, and requirements. This fosters trust and improves the overall experience for prospective students and admins.
3. Communication: To facilitate seamless communication between applicants, admission officers, faculty, and other stakeholders involved in the admission process. This ensures timely updates, clarifications, and notifications.
4. Data Management: To centralize applicant data and manage it securely, ensuring compliance with data protection regulations. This includes storing and retrieving application documents, transcripts, test scores, and other relevant information.
5. Analytics and Reporting: To generate insights from admission data, such as applicant demographics, application trends, conversion rates, and performance metrics. This enables institutions to make data-driven decisions, and enhance outcomes..
6. Customization: To provide flexibility and customization options to adapt the system to the unique needs and workflows of different educational institutions. This ensures that CAMS can cater to the specific requirements of colleges and universities.
7. Scalability: To design CAMS in a way that allows for scalability and expansion to accommodate growing numbers of applicants and changing institutional needs over time.
8. Integration: To integrate CAMS with existing systems and software used by educational institutions, such as student information systems (SIS), learning management systems (LMS), and financial aid platforms. This ensures seamless data exchange and interoperability across various administrative functions.

1.2.2 Scope :

The scope of a college admission management system project typically encompasses a range of functionalities and features aimed at streamlining and optimizing the college admission process. Here's a breakdown of what could be included:

1. **Student Registration:** Allow prospective students to create accounts and provide necessary personal information, academic history, and other required documents for admission.
2. **Application Management:** Provide a platform for students to submit their applications online. This can include uploading documents such as transcripts, recommendation letters, essays, and other required materials.
3. **Application Tracking:** Allow applicants to track the status of their applications, such as whether they are received, under review, or accepted/rejected.
4. **Admissions Workflow:** Implement workflows for admissions officers to review and evaluate applications, including features for assigning applications to reviewers, recording decisions, and sending notifications to applicants.
5. **Document Management:** Manage documents submitted by applicants securely, ensuring compliance with data protection regulations and management of documents..
6. **Communication:** Enable communication between admissions officers and applicants through the system, including sending notifications, requesting additional information, and scheduling interviews or exams.

1.2.2.1 Development Scope

- **Requirements Gathering:** This phase involves gathering detailed requirements from stakeholders including college administrators, admission officers, and applicants. Understanding their needs, preferences, and pain points is crucial for designing a system that meets their expectations.
- **System Design:** Based on the gathered requirements, the system architecture, database schema, and user interface design are planned. This includes defining the modules, functionalities, and how they interact with each other.
- **Integration:** Integrating the admission management system with other existing systems such as student information systems (SIS), financial aid systems, and CRM systems. This ensures seamless data exchange and process automation.

1.2.2.2 Implementation Scope

1. System Architecture Planning:

- Define the overall system architecture including components, modules, and their interactions.
- Decide on technology stacks, frameworks, and tools to be used for development.

2. User Interface Design and Development:

- Create wireframes and prototypes to visualize the user interface and user experience.
- Develop responsive and intuitive user interfaces for applicants, admission officers.

3. Testing and Quality Assurance:

- Conduct thorough testing including unit tests, integration tests, and end-to-end tests to ensure functionality, performance, and reliability.
- Perform user acceptance testing (UAT) with stakeholders to validate that the system meets requirements and expectations.

4. Monitoring and Maintenance:

- Set up monitoring tools to track system performance, usage metrics, and security threats.
- Perform regular maintenance tasks such as applying software updates, database backups, and performance tuning.

Chapter 2

Literature Review

- Over the years, CMS has gained significant attention in the field of education, and a considerable amount of research has been conducted to explore its potential benefits. According to the literature, the primary objective of CMS is to improve the efficiency of college operations and provide better services to students, teachers, and administrative staff. One of the primary benefits of CMS is that it simplifies complex administrative tasks such as admission, enrollment, attendance, scheduling, and examination management. A study by Ahmed and Omar (2018) revealed that CMS significantly reduces the time and effort required for these activities, thereby enabling administrators to focus on more important tasks such as improving the quality of education. CMS also provides a platform for effective communication between students, teachers, and administrative staff. According to Khan et al. (2019), CMS facilitates online discussion forums, feedback mechanisms, and messaging systems that improve communication between stakeholders, leading to better collaboration and greater transparency. Another significant benefit of CMS is its ability to improve the quality of education. CMS provides teachers with tools for managing courses, creating and sharing course materials, and monitoring student progress.
- A study by Al-Dabbagh et al. (2020) found that CMS enhanced the quality of education by providing teachers with a comprehensive view of student performance, which allowed them to identify areas for improvement and provide targeted feedback to students. However, despite the potential benefits of CMS, several challenges have been identified in its implementation. One of the primary challenges is the resistance to change from teachers and staff who are accustomed to traditional methods of administration. Another challenge is the cost of implementation, which may be prohibitive for small colleges with limited resources.
- The Server acts as a medium between the authenticated user (student) and the admin. All the details entered and documents uploaded by the student are stored in the server (Wamp Server). The admin can access these details via the server. When the admin verifies the student details and grants permission for regular admission/provisional admission/photocopy/revaluation process, a message will be generated to the user sent by admin via server.

2.1 Online Admission Systems and User Interaction:

- Introduction to Online Admission Systems

The transformation from traditional paper-based admission processes to digital platforms marks a significant evolution in the administration of educational institutions. Al-Faiz (2007) discusses the advantages of web-based admission systems, which include streamlined processes, reduced error rates, and real-time updates. The shift to online systems also addresses the need for handling large volumes of applications efficiently, a critical factor for large institutions.

- User Interaction and Communication

Effective communication between prospective students and college administration is fundamental to a successful admission system. Research by Roberts and Styron (2010) emphasizes the importance of integrating email communication within these systems. This feature enhances engagement and provides a reliable channel for inquiries and feedback, allowing administrators to respond promptly to student concerns.

Additionally, the availability of "About Us" and "Contact Us" pages on the admission platform supports transparency and trust-building. These pages offer essential information about the institution and provide clear contact details, ensuring that users can easily reach out for assistance.

2.2 Administrative Functions, Challenges, and Future Directions:

- Administrative Functions

The administrative panel is a critical component of the college admission system. Taylor and Todd (1995) explore the various functionalities that administrators need, including the ability to manage applications, courses, notices, and user inquiries. Robust tools for selecting or rejecting applications, managing courses, and handling inquiries are essential for improving the overall efficiency and effectiveness of the admission process.

- Challenges and Future Directions

Despite the numerous advantages, implementing online admission systems comes with challenges. These include technical issues, user resistance, and the need for continuous updates to handle evolving requirements. Harmon and Jones (2018) suggest that future research should focus on incorporating technologies such as artificial intelligence for application reviews, blockchain for secure record-keeping, and mobile-friendly interfaces.

- Conclusion

The literature review underscores the importance of developing a robust, user-friendly, and secure college admission system. Integrating features such as communication tools, notice and course management, registration and application processing, fee submission, and comprehensive administrative functions can significantly improve the efficiency and effectiveness of admission processes in educational institutions.

Continued research and innovation are necessary to address emerging challenges and further enhance these systems.

Chapter 3

Design Model of the Project

Designing a project model for this app involves outlining the architecture, defining the components, establishing data flow, and planning for integration.

Here's a detailed design of the project model:

3.1 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. 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.

3.2 Flow Chart

3.2.1 User flow chart

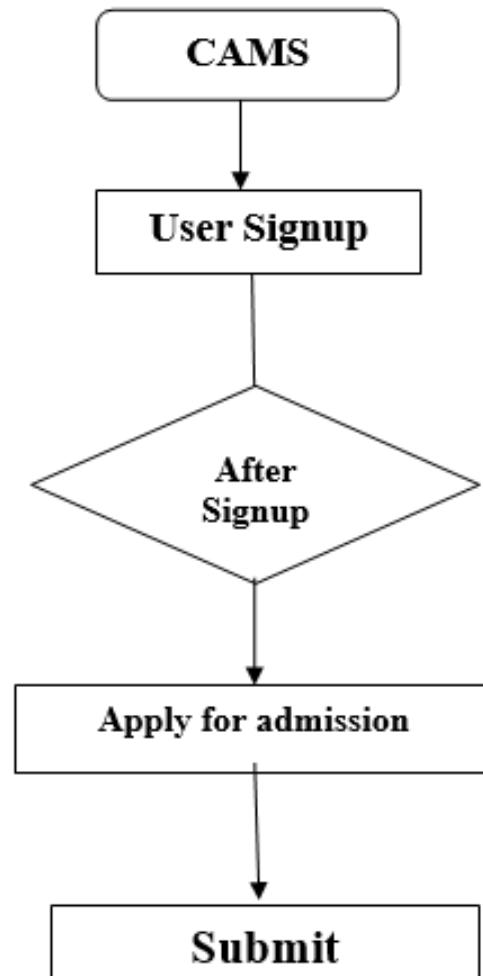


Fig 3.2.1 User Flow Chart

3.2.2 Admin flowchart

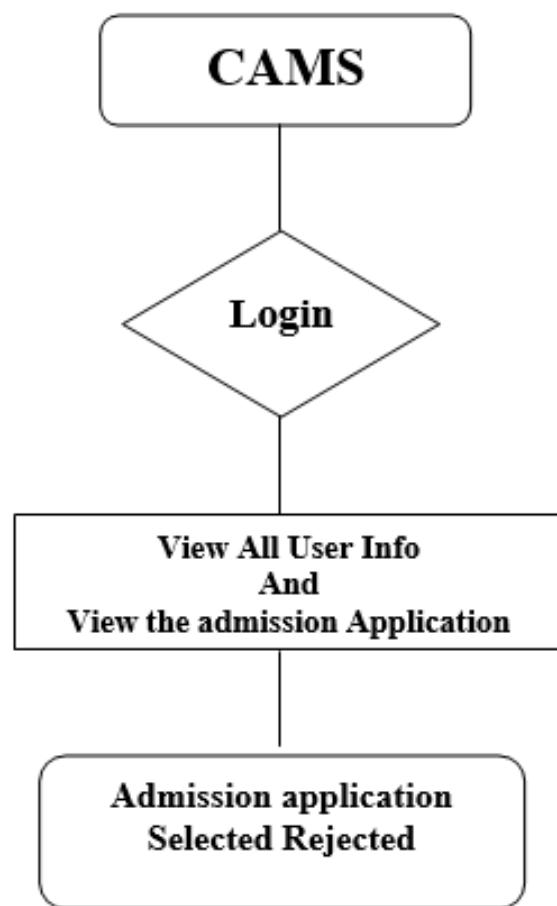


Fig 3.2.2 Admin Flow Chart

Data Flow Diagram

3.3.1. Zero Level DFD

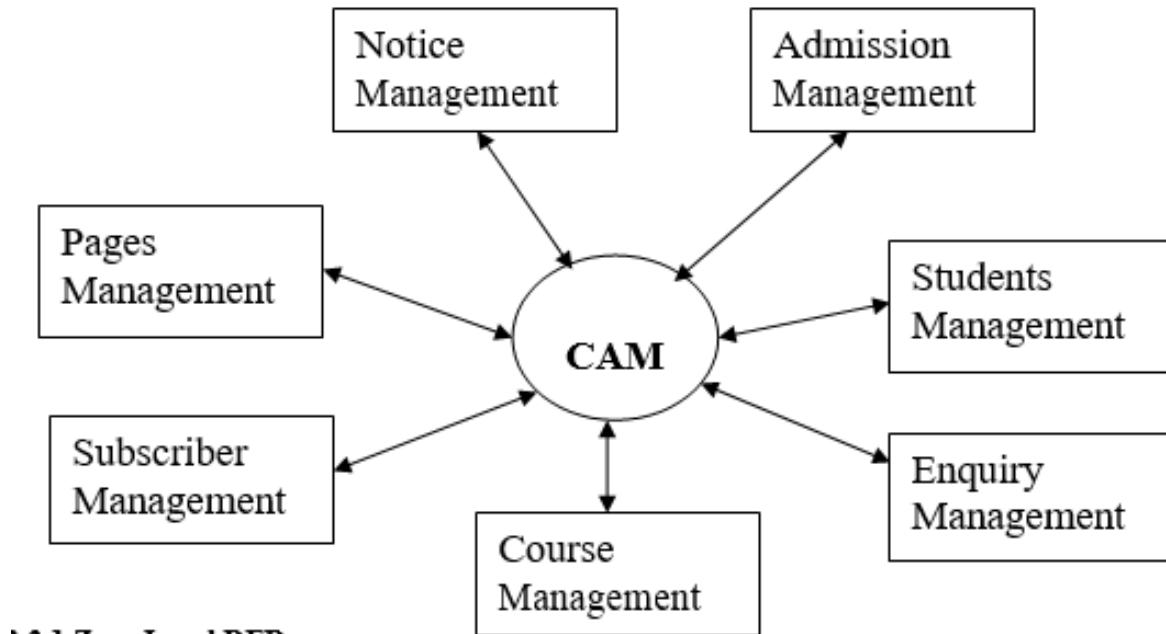


Fig 3.3.1 Zero Level DFD

3.3.2. 1st Level DFD

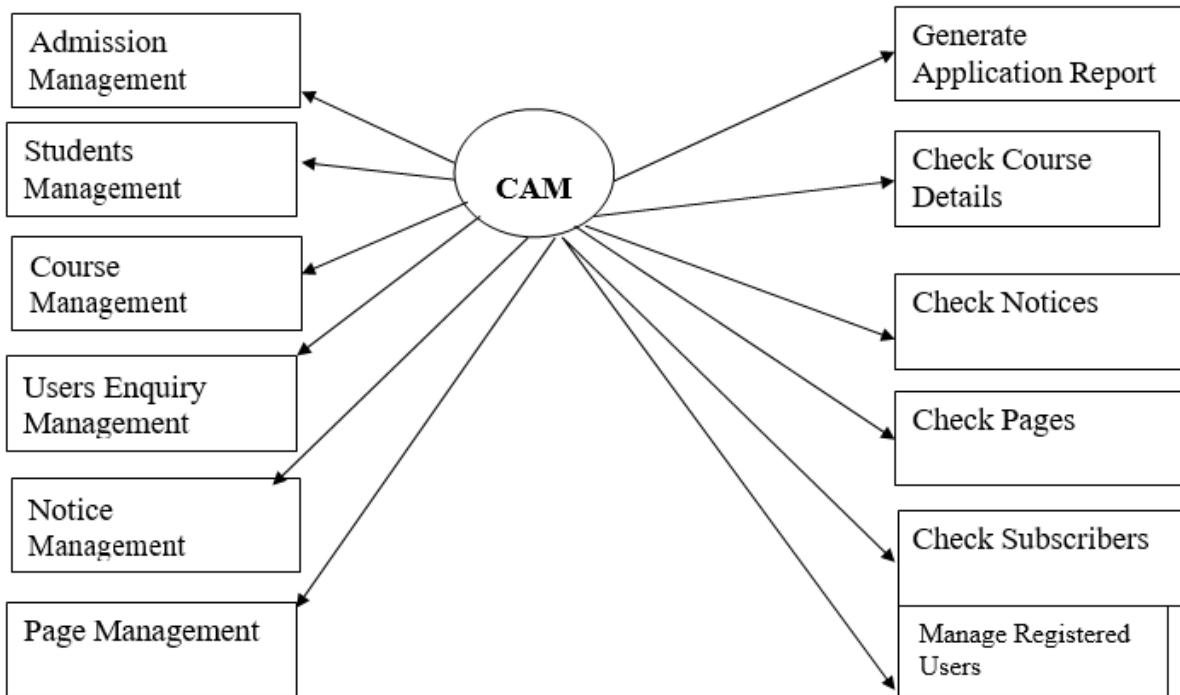


Fig 3.3.2 1st level DFD

3.3.3 2nd Level DFD



Fig 3.3.3 2nd level DFD

3.4 Design Implementation

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

- Students are not allowed to register with the same email and contact number (Unique email and contact number will be registered).
- Students do not have any rights to edit any data in the admission form after submission.
- Once an admission application is selected, users can upload their docs once..
- This system does not support distributed database facilities.
- 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, and evaluation of change over methods. Apart from planning, major tasks 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 a 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 errors are found or inability to handle certain types 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
- 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 the menu are circulated to all the users. It is confirmed that the system is implemented up to users' needs 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 unauthorized access are provided to the users .The system allows the user to enter the system only through proper username and password.

3.5 Use Case Flow Diagram

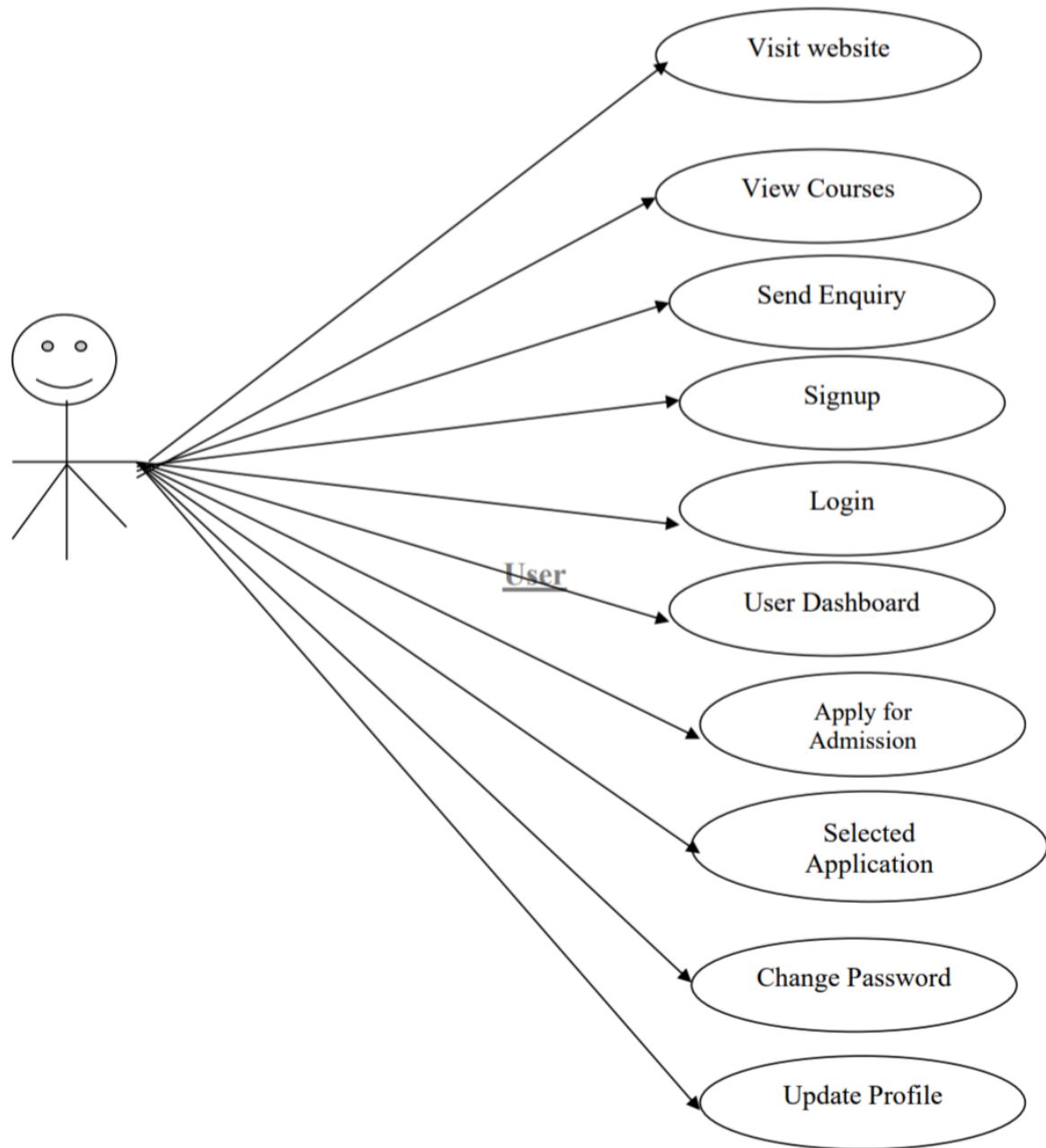


Fig 3.5.1 Use Case Flow Diagram (User)

Use Case flow Diagram (admin)

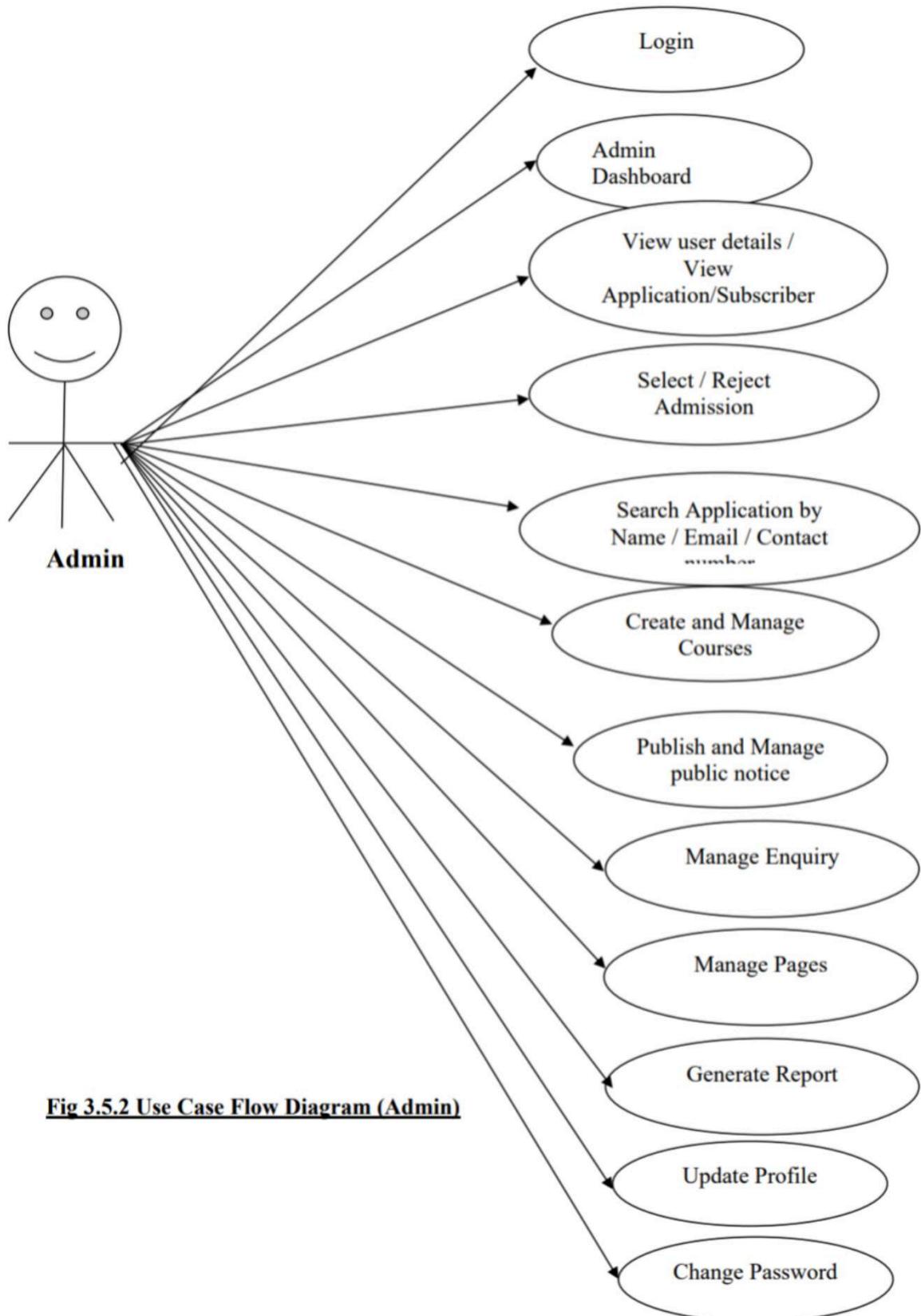


Fig 3.5.2 Use Case Flow Diagram (Admin)

Chapter 4

Methodology, ER Diagram, MYSQL / Database and Testing

4.1 Methodology :

- **Web Browser:**

Requirement Analysis: Understand the compatibility requirements of the system with various web browsers such as Chrome, Firefox, Safari, and Edge.

Design Considerations: Ensure the user interface is responsive and compatible with different browser rendering engines.

Testing: Perform cross-browser testing to validate the functionality and appearance of the system across different browsers.

Optimization: Optimize frontend code (HTML, CSS, JavaScript) to enhance performance and compatibility across browsers.

- **Operating System:**

Selection: Choose an operating system platform for hosting the web application. Common choices include Linux, Windows, or macOS.

Compatibility: Ensure the chosen operating system supports the required server-side technologies and dependencies.

Security: Implement security measures specific to the chosen operating system to protect against vulnerabilities and threats.

Scalability: Consider scalability options provided by the operating system for future expansion of the system

- **Server-side Language:**

Selection: Choose a server-side language for developing the backend logic of the admission management system. PHP is a common choice for web development.

Framework Selection: Consider using a web application framework built on the chosen server-side language (e.g., Laravel, Symfony for PHP) to expedite development and ensure code organization.

Development: Write server-side code to handle user authentication, form submissions, database interactions, and business logic related to admission processes.

Security: Implement best practices for server-side security, such as input validation, data sanitization, and protection against common web vulnerabilities (e.g., SQL injection, cross-site scripting).

- **Database Server:**

Selection: Choose a database management system (DBMS) to store and manage admission-related data. MySQL is a popular choice for web applications due to its reliability and scalability.

Database Design: Design the database schema to store information related to applicants, courses, admissions, documents, etc.

Data Integrity: Implement database constraints, indexes, and foreign key relationships to maintain data integrity and optimize query performance.

Backup and Recovery: Establish a backup and recovery strategy to ensure data availability and minimize the impact of potential data loss or corruption.

Security: Apply security measures such as user authentication, access control, and encryption to protect sensitive data stored in the database.

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MySQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Table 4.1 Methodology Adapted

PROPOSED SYSTEM

- It is an automated computerized web based software system.
- It uses technologies like PHP, HTML, and MYSQL.
- It is easy to operate.
- Attractive User Interface.

4.2 ER Diagram

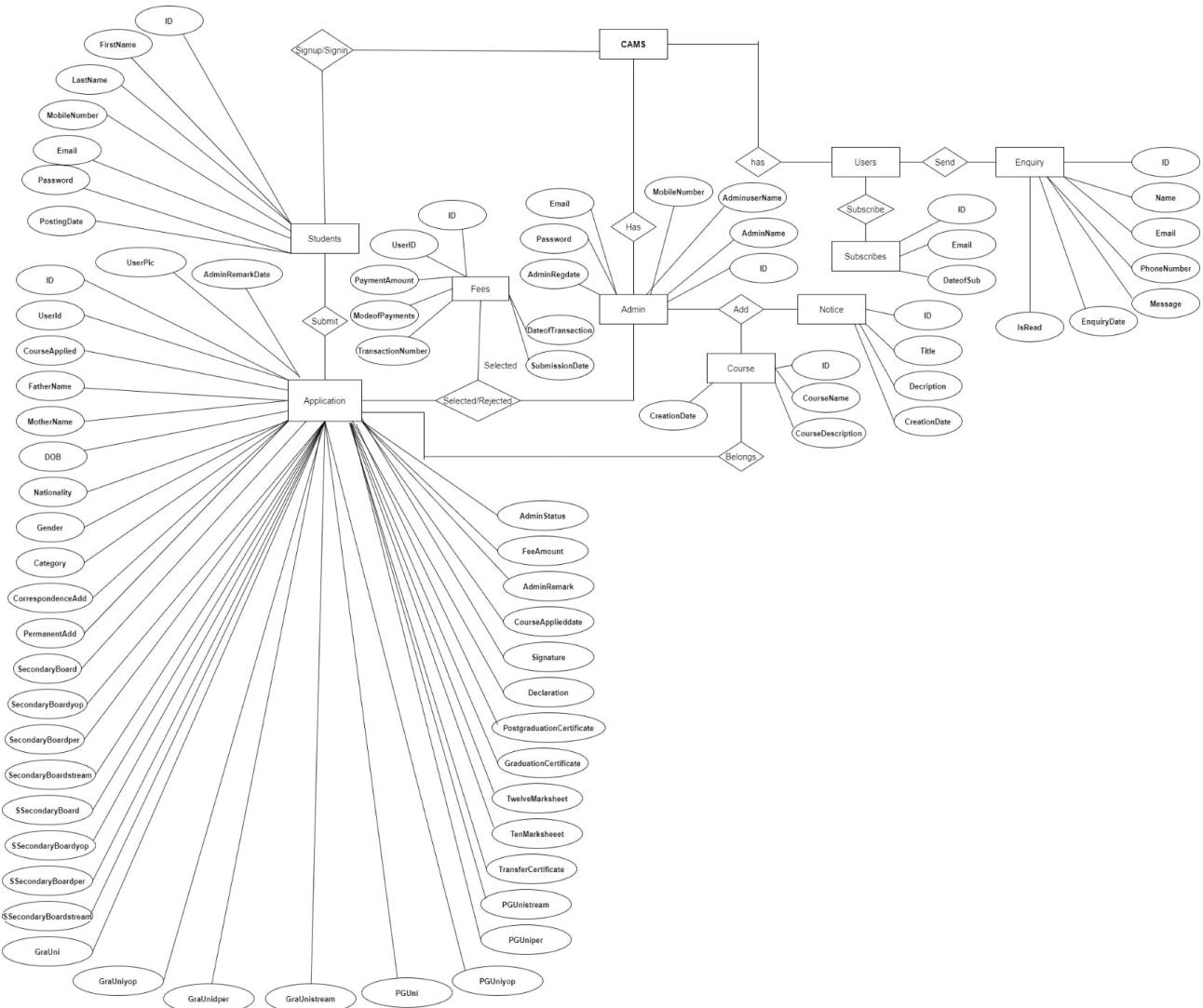


Fig 4.2 ER DIAGRAM

4.3 Database and MySQL Tables

MySQL- MySQL ("Mysql", 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 are used to maintain the information.

tbladmin

This table stores the login details of the 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		

Fig 4.3.1 tbladmin

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		

Fig 4.3.2 tbluser

tblcourse

This table stores the details of courses which are provided by college.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	CourseName	varchar(90)	latin1_swedish_ci		Yes	NULL		
3	CourseDescription	mediumtext	latin1_swedish_ci		Yes	NULL		
4	CreationDate	timestamp			Yes	current_timestamp()		

Fig 4.3.3 tblcourse

tbladminapplications

This table stores the application details which are 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		

Table 4.3 Table Admin Applications

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		

Fig 4.3.4 tblnotice

Tblcontact

This table stores the data of enquiry which is sent 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		

Fig 4.3.5 tblcontact

Tblpage

This table stores the data about us and contacts us.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	Page Type	varchar(200)	latin1_swedish_ci		Yes	NULL		
3	Page Title	mediumtext	latin1_swedish_ci		Yes	NULL		
4	Page Description	mediumtext	latin1_swedish_ci		Yes	NULL		
5	Email	varchar(200)	latin1_swedish_ci		Yes	NULL		
6	Mobile Number	bigint(10)			Yes	NULL		
7	Updation Date	date			Yes	NULL		
8	Timing	varchar(200)	latin1_swedish_ci		No	None		

Fig 4.3.6 tblpage
XXIII

Database Tables Relation

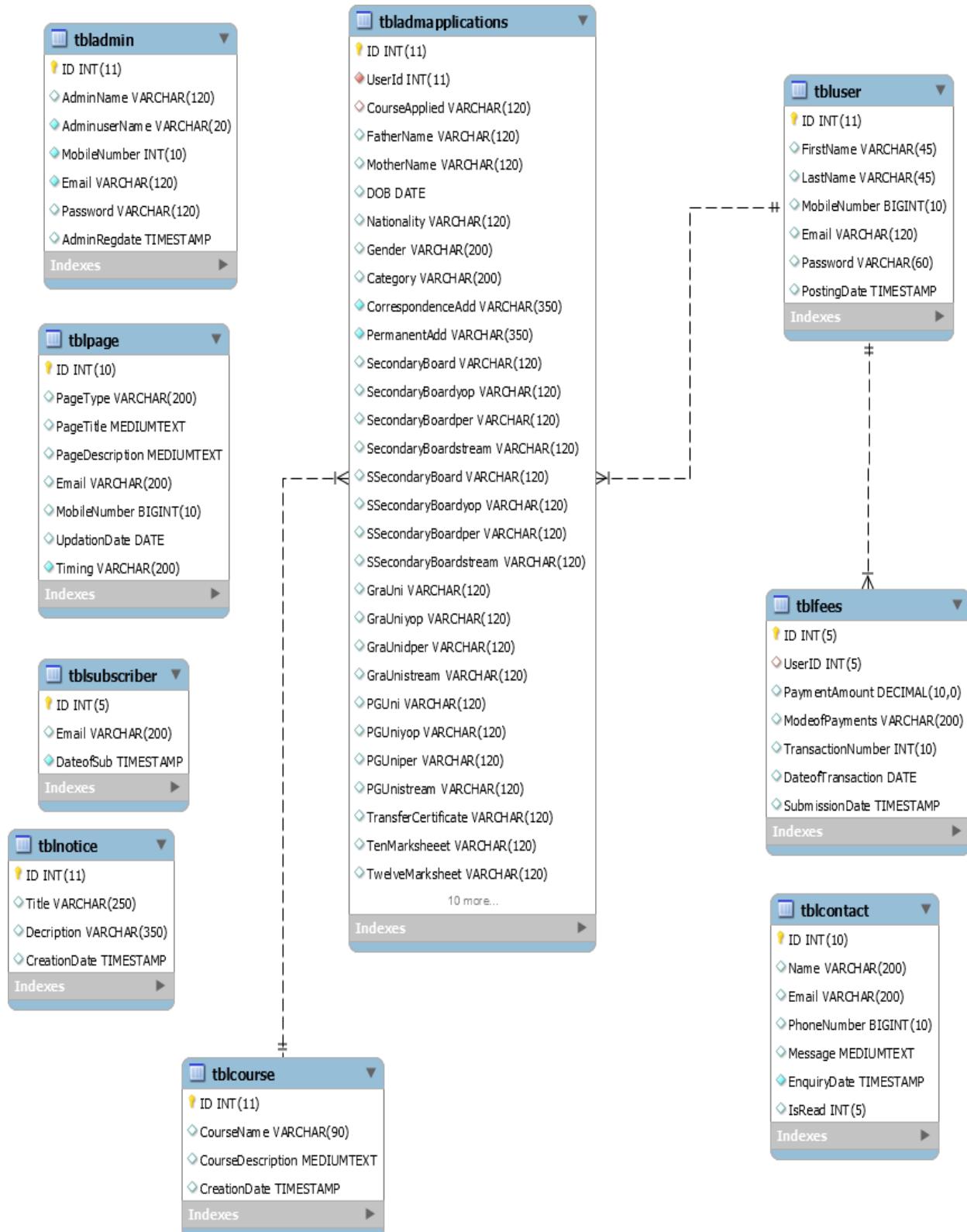


Fig 4.3.7 Database Table Relation
XXIV

4.4 Testing Technology Used:

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 a 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.

Chapter 5

Project Images / Output Screens for CAMS

Home Page



Welcome To Our Campus

Welcome To Our Campus

Welcome to our campus—a hub of innovation, collaboration, and limitless potential. Get ready to embark on a journey where your dreams become reality. Let the adventure begin!

[Read More](#)



Apply for Admission

Limited Seat Available

"Welcome to our vibrant campus, where every step is a journey of discovery and growth. Here, knowledge transcends boundaries, and creativity knows no limits. With state-of-the-art facilities, passionate faculty, and a diverse community of learners, we foster an environment where dreams take flight and aspirations become reality. Get ready to embark on an unforgettable academic adventure filled with endless possibilities."

Welcome to our campus, where your future begins today!"

[Apply Here](#)



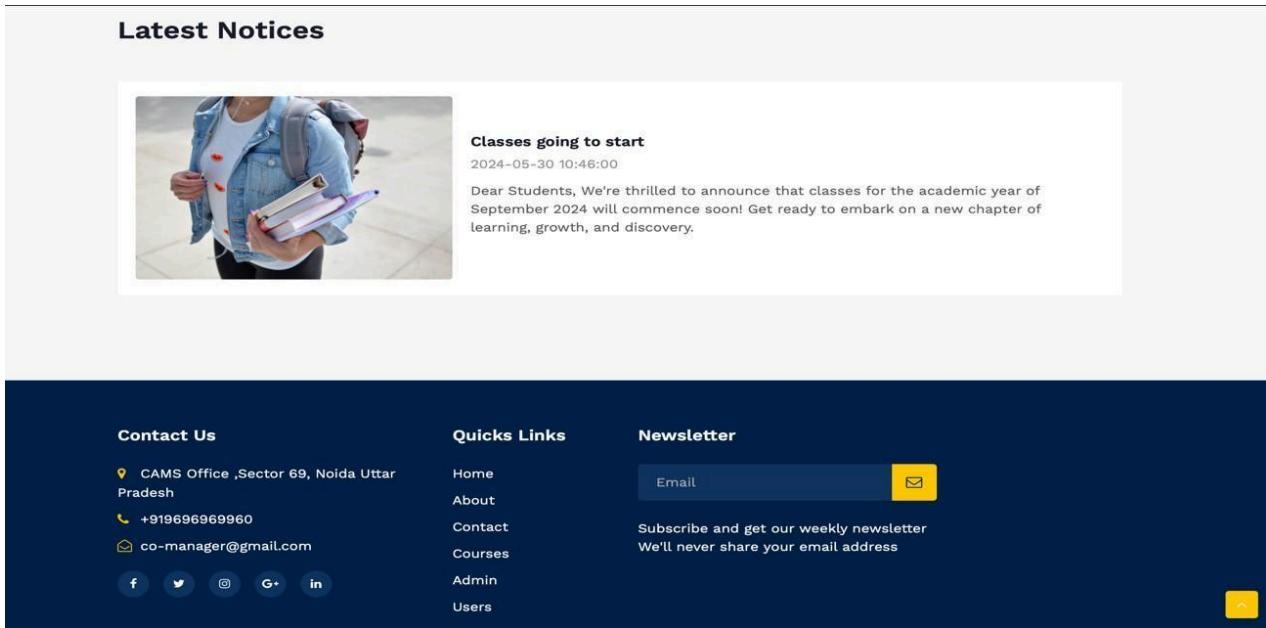


Fig 5.1 home screen

About Us

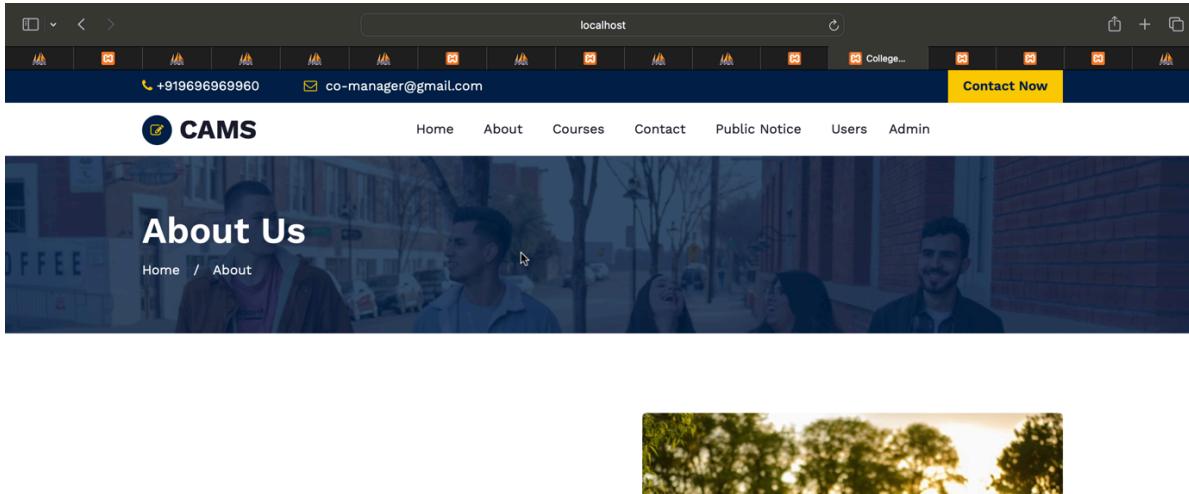


Fig 5.2 about us

Contact Us

The screenshot shows a contact form on a website. At the top, there is a header with a logo, navigation links (Home, About, Courses, Contact, Public Notice, Users, Admin), and a phone number (+919696969960) and email (co-manager@gmail.com). A yellow "Contact Now" button is prominently displayed. Below the header is a banner with three smiling people. The main content area has a dark blue background with white text. It includes fields for Name, Email, Phone Number, and Message, along with a "Submit Now" button. To the left of these fields is a sidebar with contact details: Address (CAMS Office, Sector 69, Noida, Uttar Pradesh), Email (co-manager@gmail.com), Phone (919696969960), and Timing (9:30 am to 7:30 pm).

Fig 5.3 contact us

Courses

The screenshot shows a page titled "Our Courses". The header includes a phone number (+919696969960) and an email (co-manager@gmail.com). Below the header is a banner with a woman's face. The main content area is titled "See Our Courses" and features six cards arranged in two rows of three. Each card has a yellow header and a dark blue body with white text. The cards are: 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.), and 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.).

Fig 5.4 Our courses

Notice

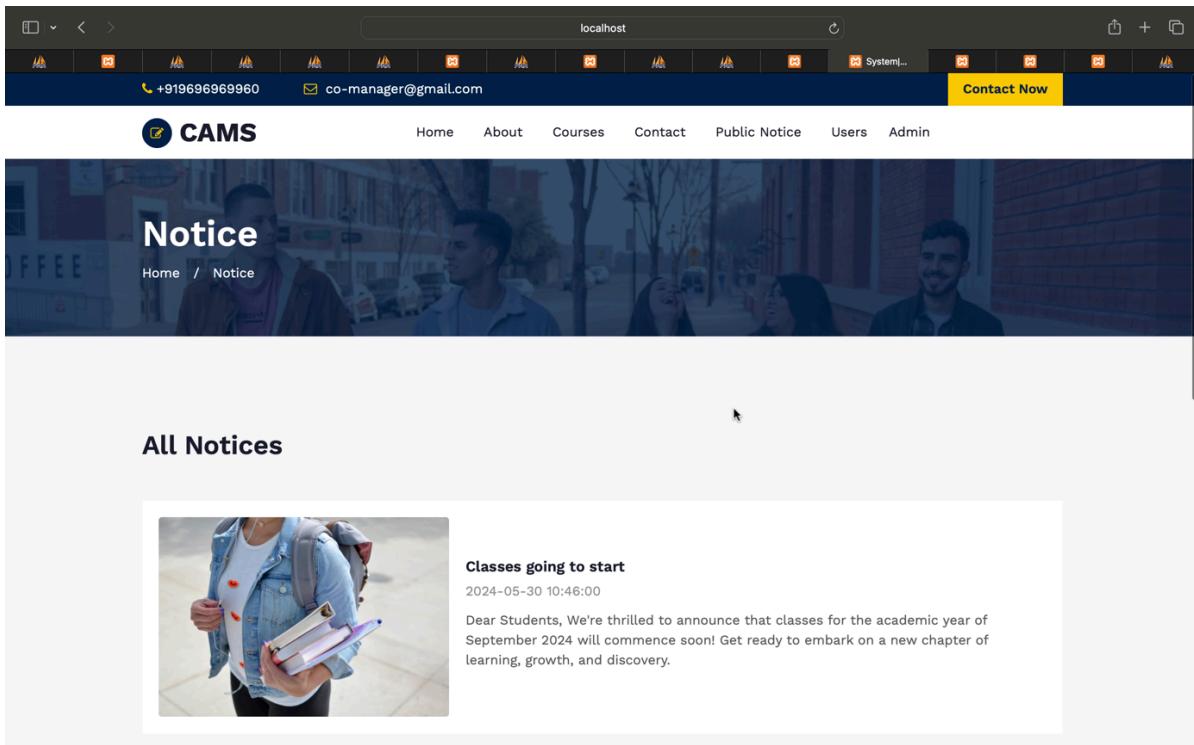


Fig 5.5 Notice

Students Panel

Signup

A screenshot of the 'CAMS User Signup' page. The header shows the system name 'College Admission Management System | User Signup'. The form consists of six input fields: 'First Name', 'Last Name', 'Contact Number', 'Email Address', 'Password', and 'Repeat Password'. Each field has a placeholder text above it. At the bottom left is a red 'Register' button.

Fig 5.6 Signup
XXIX

Login Page

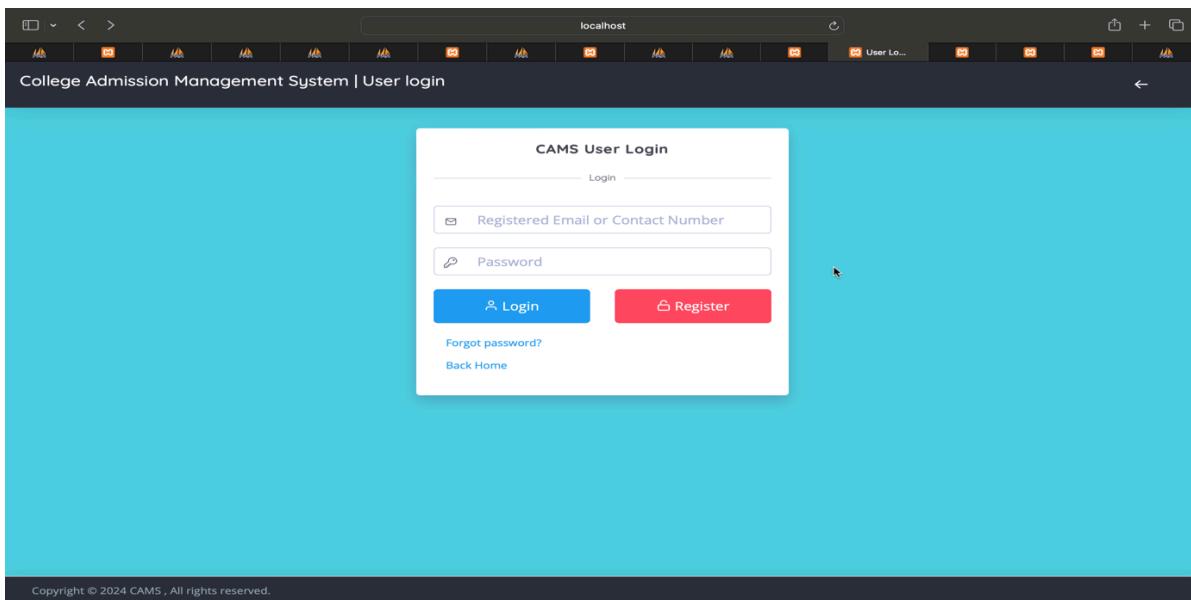


Fig 5.7 Login Page

Dashboard

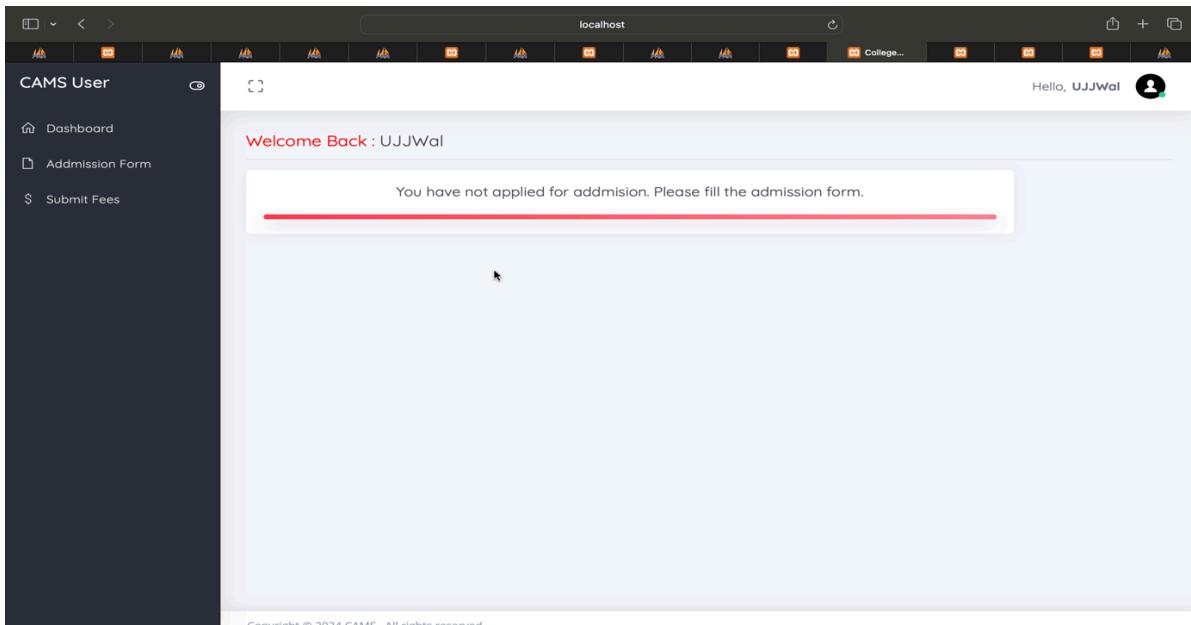


Fig 5.8 Dashboard

XXX

Profile

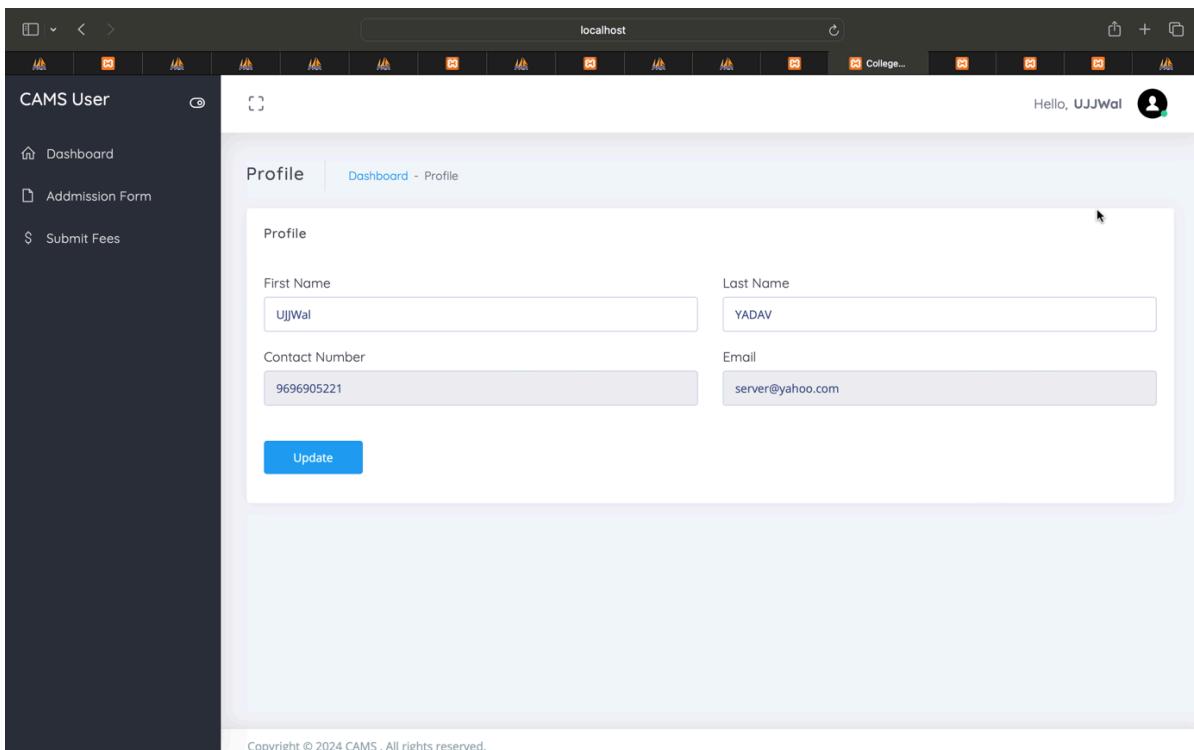


Fig 5.9 Profile

Change Password

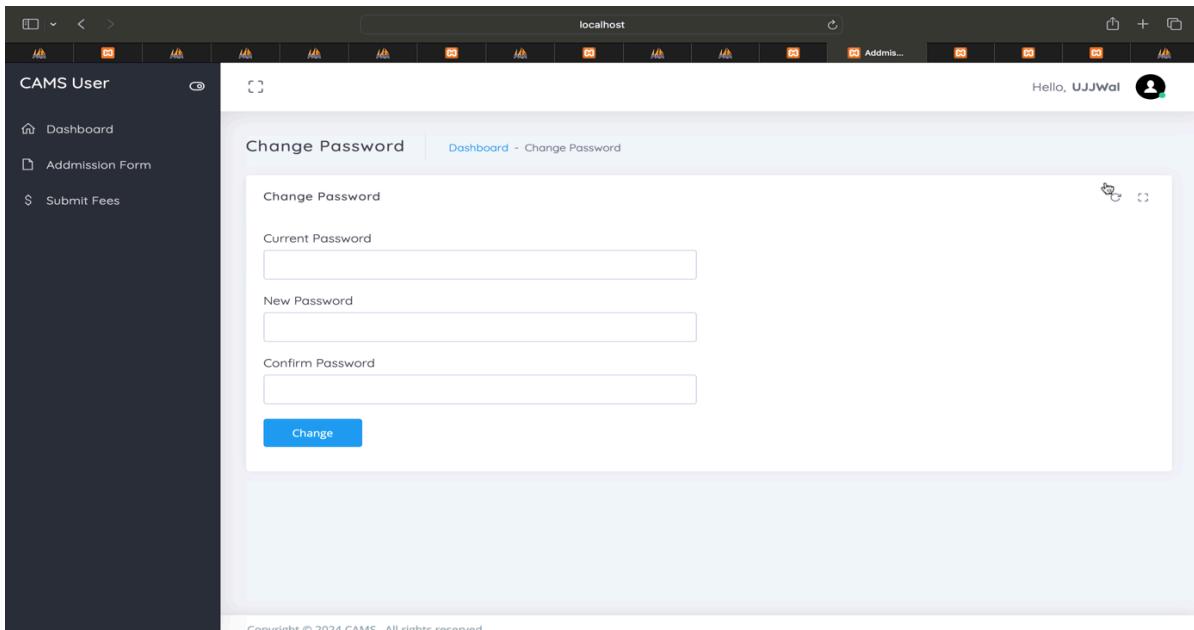


Fig 5.10 Change Password
XXXI

Admission Form

The figure consists of two screenshots of a web application titled "CAMS User".

Screenshot 1: Admission Application Form

This screenshot shows the "Admission Application Form" page. It includes fields for:

- Course Applied (dropdown menu)
- Student Pic (file upload input)
- Father's Name (text input)
- Mother's Name (text input)
- DOB (text input)
- Nationality (text input)
- Gender (dropdown menu)
- Category (dropdown menu)
- Correspondence Address (text area)
- Permanent Address (text area)

Screenshot 2: Admission Details

This screenshot shows the "Admission Application Form" page with the following details filled in:

Field	Value
Applicant Name	UJJWAL YADAV
Course Applied	B.Tech
Registration Date	2024-05-28 13:00:36
Student Pic	[Placeholder]
Father's Name	KKSKSKS
DOB	2001-01-01
Gender	Male
Correspondence Address	SJODJ
Transfer Certificate	View File
12th Marksheets	View File
Post Graduation Certificate	View File
10th Marksheets	View File
Board / University	CBSE
Year	2018
Percentage	66
Stream	Maths

Fig 5.11 Admission form

Detail of Admission Form

This screenshot shows the "Admission Application Form" page with a message: "Your Admission Form already submitted."

The submitted details are displayed in a table:

Field	Value
Applicant Name	UJJWAL YADAV
Course Applied	B.Tech
Registration Date	2024-05-28 13:00:36
Student Pic	[Placeholder]
Father's Name	KKSKSKS
DOB	2001-01-01
Gender	Male
Correspondence Address	SJODJ
Transfer Certificate	View File
12th Marksheets	View File
Post Graduation Certificate	View File
10th Marksheets	View File
Board / University	CBSE
Year	2018
Percentage	66
Stream	Maths

Fig 5.12 Detail
XXXII

Submit Fees

The screenshot shows a web browser window titled 'localhost'. The left sidebar is labeled 'CAMS User' and contains links for 'Dashboard', 'Admission Form', and 'Submit Fees'. The main content area is titled 'Addmission Fees' and 'Dashboard - Fees'. It has a form titled 'Submit Fees' with fields: 'Payment Amount' (99000), 'Mode of Payments' (Credit Card), 'Transaction Number' (3993), and 'Date of Transaction' (28/05/2024). A blue 'Submit' button is at the bottom. At the bottom of the page, it says 'Copyright © 2024 CAMS , All rights reserved.'

Fig 5.13 Submit Fees

Fees submission detail

The screenshot shows a web browser window titled 'localhost'. The left sidebar is labeled 'CAMS User' and contains links for 'Dashboard', 'Admission Form', and 'Submit Fees'. The main content area is titled 'Addmission Fees' and 'Dashboard - Fees'. It displays a message 'Your fee is already submitted.' above a table of submitted fees. The table has columns for 'Payment Amount' (99000), 'Mode of Payment' (Credit Card), 'Transaction Number' (3993), and 'Date of Transaction' (2024-05-28). A blue 'Print' button is at the bottom. At the bottom of the page, it says 'Copyright © 2024 CAMS , All rights reserved.'

**Fig 5.14 Fees Submission Details
XXXIII**

Forgot Password

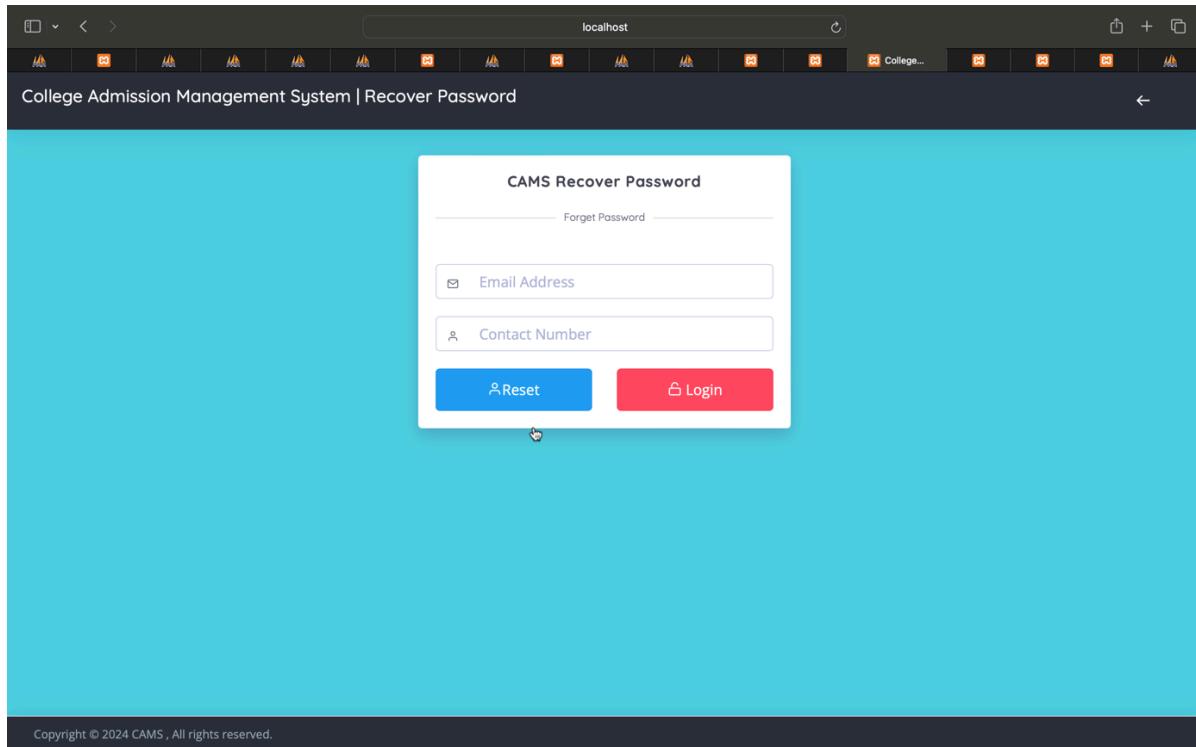


Fig 5.14 Forget Password

Admin Panel

Login Page

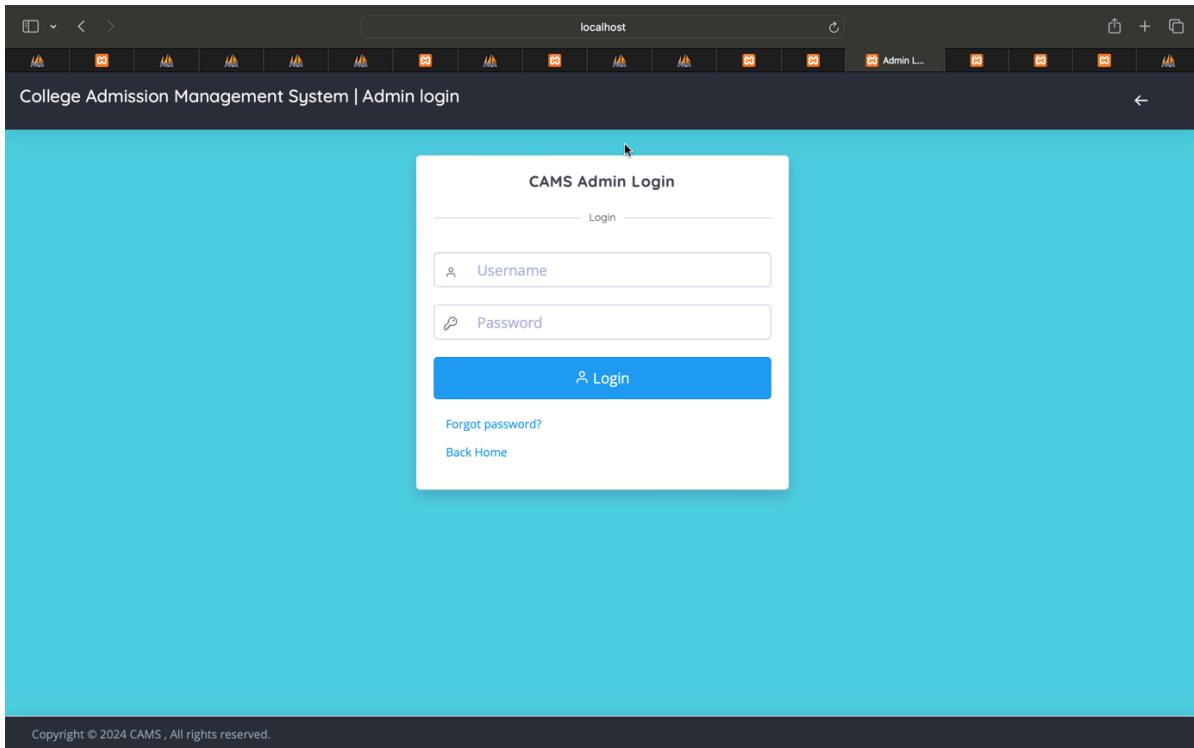


Fig 5.15 Login Page

Dashboard

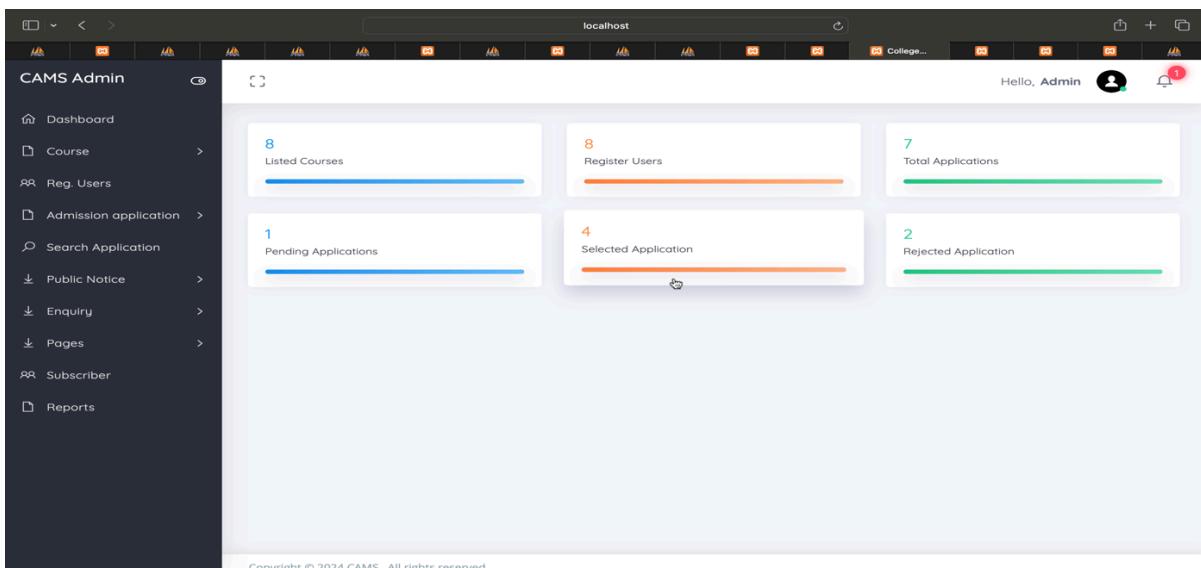


Fig 5.16 Dashboard
XXXV

Change Password

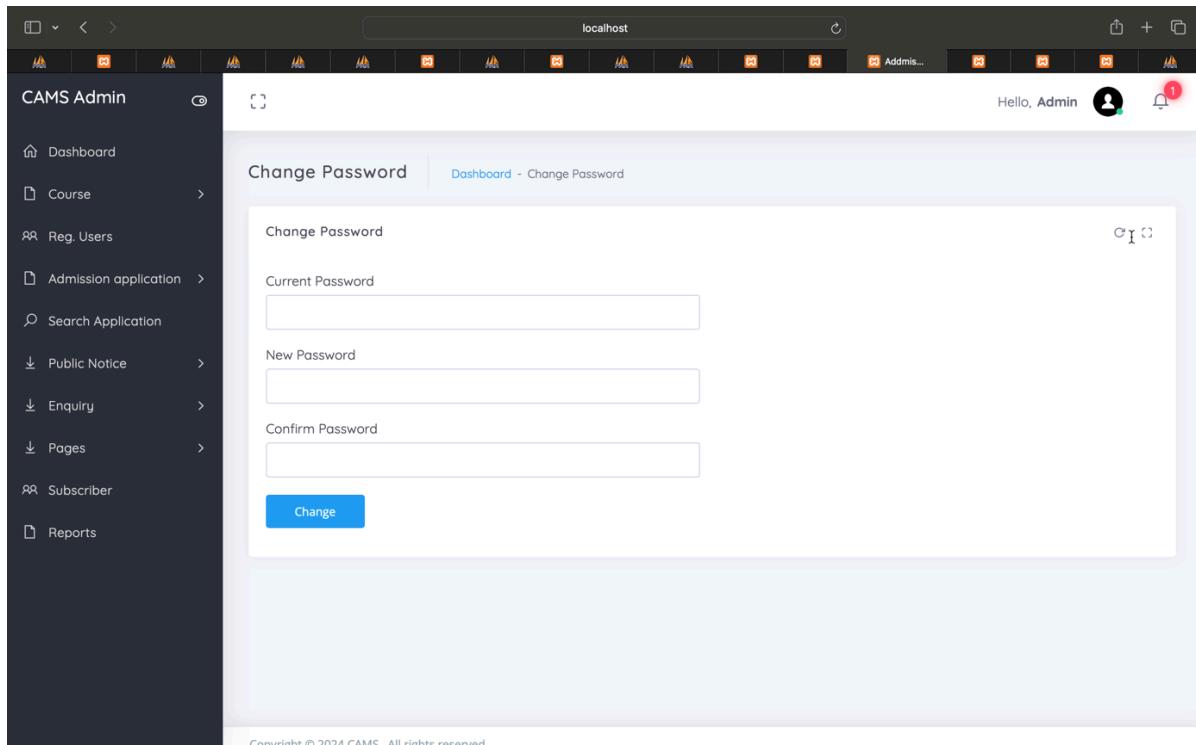


Fig 5.17 Change Password

Add Course

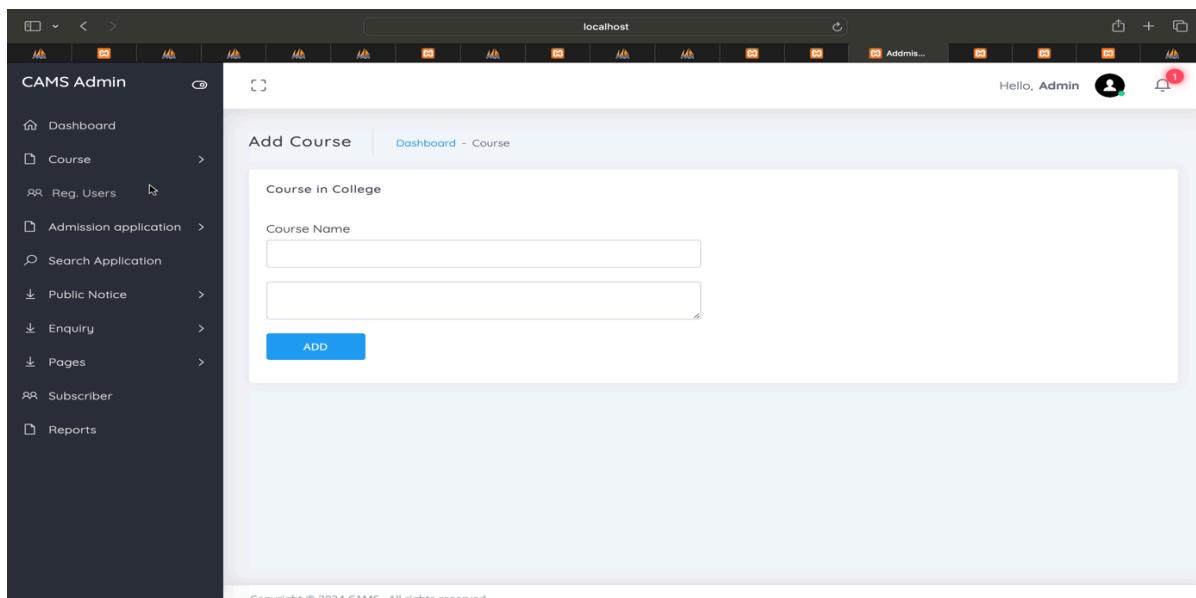


Fig 5.18 Add Course
XXXVI

Manage Course

The screenshot shows a web application interface titled "Manage Course". On the left, there is a dark sidebar menu with various administrative options: Dashboard, Course (selected), Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area is titled "Manage Course" and shows a table of courses:

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

At the bottom of the main content area, it says "Copyright © 2024 CAMS , All rights reserved."

Fig 5.19 Manage course

Update Course

The screenshot shows a web application interface titled "Update Course". On the left, there is a dark sidebar menu with various administrative options: Dashboard, Course (selected), Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area is titled "Update Course" and shows a form for updating a course:

Course in College

Course Name:

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

At the bottom of the main content area, it says "Copyright © 2024 CAMS , All rights reserved."

Fig 5.20 Update Course

Registered Users

The screenshot shows the 'User Detail' page of the CAMS Admin application. 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 displays a table titled 'User Detail' with columns: S.NO, First Name, Last Name, Mobile Number, Email, and Action. The table lists 8 users with the following data:

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
7	UjjWal	YADAV	9696905221	server@yahoo.com	View App Form
8	arjun	set	6393209651	asethiya940@gmail.com	View App Form

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Fig 5.21 Reg. Users

Update Users Details

The screenshot shows the 'User Profile' page of the CAMS Admin application. The left sidebar contains the same navigation links as Fig 5.21. The main content area displays a form titled 'User Profile' with fields for First Name, Last Name, Contact Number, and Email. The 'First Name' field contains 'Anuj' and the 'Last Name' field contains 'Kumar'. The 'Contact Number' field contains '1234567890' and the 'Email' field contains 'anujk@gmail.com'. A blue 'Update' button is located at the bottom left of the form.

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Fig 5.22 Update User Details

View Application Form

The screenshot shows the 'View Application Form' page within the CAMS Admin application. The left sidebar contains a navigation menu with items like Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area displays a form with the following data:

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				
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)			
10th Marksheets	View File			
Graduation Certificate	NA	Post Graduation Certificate	NA	
#	Board / University	Year	Percentage	Stream
10th(Secondary)	CBSE	2013	86	Science

Fig 5.23 View Application Form

Pending Application

The screenshot shows the 'Pending Application' page within the CAMS Admin application. The left sidebar contains a navigation menu with items like Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area displays a table with one pending application entry:

S.NO	Course Applied	First Name	Last Name	Mobile Number	Email	Action
1	Agriculture	test1	test2	1123325444	test1@gmail.com	View Details

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Fig 5.24 Pending Application
XXXIX

View Pending Application

The screenshot shows a web-based application interface titled "View Application Form". On the left, there is a dark sidebar menu with various administrative options like Dashboard, Course, Reg. Users, etc. The main content area displays a form with the following data:

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	View File	
10th Marksheets	View File	12th Marksheets	View File	
Graduation Certificate	NA	Post Graduation Certificate	NA	
#	Board / University	Year	Percentage	Stream
10th(Secondary)	CBSE	2014	80	Science

Fig 5.25 View Pending Application

Selected Application

The screenshot shows a web-based application interface titled "View Application". On the left, there is a dark sidebar menu with various administrative options like Dashboard, Course, Reg. Users, etc. The main content area displays a table of selected applications:

S.NO	Course Applied	First Name	Last Name	Mobile Number	Email	Status	Action
1	B.Tech	Sariya	Singh	7894561236	test@gmail.com	Selected	View Details View Fees
2	B.Tech	Johnn	doe	1234567898	johndoe@gmail.com	Selected	View Details View Fees
3	MSC	Amit	Kumar Singh	1256987410	amitk@gmail.com	Selected	View Details View Fees
4	B.Tech	UjjWal	YADAV	9696905221	server@yahoo.com	Selected	View Details View Fees

Fig 5.26 Selected Application

XL

View Selected Application

The screenshot shows a web-based application interface for 'CAMS Admin'. The left sidebar contains a navigation menu with items like Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area displays a form for a selected application. The form includes fields for Category (General), Permanent Address (kkskkkk), Correspondence Address (SJDJDJ), and various certificates (Transfer Certificate, 10th Marksheets, 12th Marksheets, Graduation Certificate, Post Graduation Certificate). Below these are tables for educational details (Board / University, Year, Percentage, Stream) and administrative remarks (Admin Remark, Fee Amount, Admin Remark date, Application Status). A declaration statement is present: 'Declaration : I hereby state that the facts mentioned above are true to the best of my knowledge and belief. (Sethiya)'. A 'Print' button is located at the bottom right of the form.

Fig 5.27 View Selected Application

Rejected Application

The screenshot shows a web-based application interface for 'CAMS Admin'. The left sidebar contains a navigation menu with items like Dashboard, Course, Reg. Users, Admission application, Search Application, Public Notice, Enquiry, Pages, Subscriber, and Reports. The main content area displays a table titled 'View Application' under the heading 'Dashboard - Rejected Application'. The table lists two rejected applications with columns for S.NO, Course Applied, First Name, Last Name, Mobile Number, Email, Status, and Action. The first application is for 'B.COM' course applied by 'Anuj Kumar' with email 'anujk@gmail.com'. The second application is for 'B.Tech' course applied by 'Test Rai' with email 'sar@gmail.com'. Both entries show a 'Rejected' status and a 'View Details' link.

Fig 5.28 Rejected Application

View Rejected Application

The screenshot shows the CAMS Admin application 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 'Rejected Application' section under 'Admission application' is currently selected. The main content area displays a table of rejected applications. The table has four columns: Category, Correspondence Address, Permanent Address, and Transfer Certificate. It includes rows for 'General' (Correspondence Address: ABC Street), 'India' (Permanent Address), and two links for 'View File' under 'Transfer Certificate'. Below this is another table for educational qualifications, with columns: #, Board / University, Year, Percentage, and Stream. It lists '10th(Secondary)' (CBSE, 2013, 56%, Science), '12th(Senior Secondary)' (CBSE, 2015, 70%, PCM), 'Graduation' (NA, NA, NA), and 'Post Graduation' (NA, NA, NA). A declaration box states: 'Declaration : I hereby state that the facts mentioned above are true to the best of my knowledge and belief.' followed by '(Anuj kumar)'. Below this are fields for Admin Remark ('Your application is rejected due to insufficient information.'), Fee Amount, Admin Remark date ('2021-05-19 01:43:22'), and Application Status ('Rejected'). A 'Print' button is located at the bottom right of the form.

Fig 5.29 View Rejected Applications

Add Notice

The screenshot shows the CAMS Admin application interface. The left sidebar menu is identical to Fig 5.29. The main content area is titled 'Add Notice' and shows a form for creating a new notice. The form has sections for 'Notice', 'Title' (input field), 'Description' (text area), and an 'ADD' button at the bottom. The status bar at the bottom of the screen displays 'Copyright © 2024 CAMS , All rights reserved.'

Fig 5.30 Add Notice

Manage Notice

The screenshot shows a web application interface titled "Manage Notice". On the left is a dark sidebar menu with various administrative options like Dashboard, Course, Reg. Users, etc. The main content area has a header "Manage Notice" and a sub-header "Dashboard - Manage Notice". Below this is a table listing two notices:

S.NO	Title	Description	Action
1	Test Notice	This for testing purpose. This for testing purpose.This for testing purpose. This for testing purpose.	<input checked="" type="checkbox"/> <input type="button" value="X"/>
2	Classes going to Start	Dear Students, We're thrilled to announce that classes for the academic year of September 2024 will commence soon! Get ready to embark on a new chapter of learning, growth, and discovery.	<input checked="" type="checkbox"/> <input type="button" value="X"/>

At the bottom of the page, there is a copyright notice: "Copyright © 2024 CAMS , All rights reserved."

Fig 5.31 Manage Notice

Update Notice

The screenshot shows a web application interface titled "Update Notice". On the left is a dark sidebar menu with various administrative options like Dashboard, Course, Reg. Users, etc. The main content area has a header "Update Notice" and a sub-header "Dashboard - Update Notice". Below this is a form for editing a notice:

Notice of College

Title
Test Notice

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

Update

At the bottom of the page, there is a copyright notice: "Copyright © 2024 CAMS , All rights reserved."

Fig 5.32 Update Notice
XLIII

Unread Enquiry

The screenshot shows a web application interface for 'CAMS Admin' on a local host. 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 'Unread Enquiry' and shows a table with columns: S.No, Name, Email, Enquiry Date, and Action. Below the table, there is a message: 'Copyright © 2024 CAMS , All rights reserved.' In the top right corner, there is a user profile icon with a red notification badge.

Fig 5.33 Unread Enquiry

About Us

The screenshot shows a web application interface for 'CAMS Admin' on a local host. 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 'Update About Us' and shows a form for updating the 'About Us' section. It includes fields for 'Title' (containing 'About Us') and 'Page Description' (containing 'Welcome to our campus—a hub of innovation, collaboration, and limitless potential. Get ready to embark on a journey where your dreams become reality. Let the adventure begin!'). At the bottom of the form is a blue 'Update' button. Below the form, there is a message: 'Copyright © 2024 CAMS , All rights reserved.' In the top right corner, there is a user profile icon with a red notification badge.

Fig 5.34 About Us

Contact Us

The screenshot shows the CMS Admin interface on a web browser. The left sidebar contains a navigation menu with items like 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 for 'Contact Us'. The form includes fields for Title (Contact Us), Email Address (co-manager@gmail.com), Page Description (CAMS Office ,Sector 69, Noida Uttar Pradesh), and Mobile Number (919696969960). A blue 'Update' button is at the bottom. The top right corner shows a user profile with the text 'Hello, Admin'.

Fig 5.35 Contact Us

Between Dates Report

The screenshot shows the CMS Admin interface on a web browser. The left sidebar contains a navigation menu with items like 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 for selecting dates. It has two input fields: 'From Dates' (28/05/2024) and 'To Dates' (28/05/2024). A blue 'Submit' button is at the bottom. The top right corner shows a user profile with the text 'Hello, Admin'.

Fig 5.36 Between Dates Report

XLV

Forgot Password

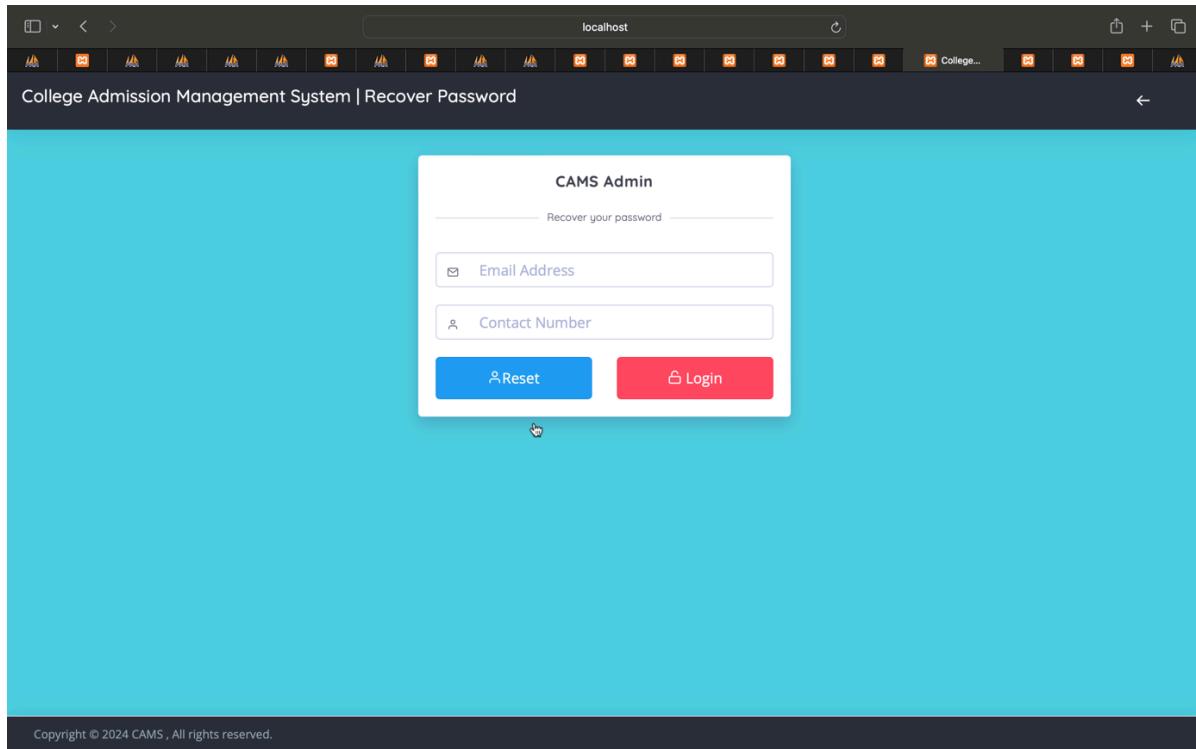


Fig 5.37 Forgot Password

Chapter 6

Results and Conclusion

6.1 Results :

The implementation of a college admission management system yields transformative results in the efficiency and effectiveness of the admissions process. By providing a centralized platform for managing applications, the system streamlines administrative tasks and enhances the experience for both applicants and staff. Applicants benefit from a simplified and intuitive application process, with the ability to track their progress and receive timely updates on their application status. For administrative staff, the system offers tools to efficiently review and evaluate applications, automate workflows, and generate insightful reports. Moreover, the system ensures the security and confidentiality of applicant data, fostering trust and compliance with data protection regulations. Overall, the college admission management system revolutionizes the admissions experience, enabling institutions to attract top talent and achieve their enrollment goals with greater ease and efficiency.

For institutions, the system offers improved operational efficiency through automated processes, reduced paperwork, and streamlined workflows. They can easily track their application status, submit required documents electronically, and receive updates on important deadlines and decisions. Additionally, administrative personnel gain access to valuable insights and analytics through the system's reporting capabilities, enabling data-driven decision-making and strategic planning.



Welcome To Our Campus

Welcome to our campus—a hub of innovation, collaboration, and limitless potential. Get ready to embark on a journey where your dreams become reality. Let the adventure begin!

[Read More](#)



Apply for Admission

Limited Seat Available

"Welcome to our vibrant campus, where every step is a journey of discovery and growth. Here, knowledge transcends boundaries, and creativity knows no limits. With state-of-the-art facilities, passionate faculty, and a diverse community of learners, we foster an environment where dreams take flight and aspirations become reality. Get ready to embark on an unforgettable academic adventure filled with endless possibilities."

[Apply Here](#)

Welcome to our campus, where your future begins today!"

Latest Notices



Classes going to start

2024-05-30 10:46:00

Dear Students, We're thrilled to announce that classes for the academic year of September 2024 will commence soon! Get ready to embark on a new chapter of learning, growth, and discovery.

Contact Us

📍 CAMS Office ,Sector 69, Noida Uttar Pradesh
📞 +919696969960
✉️ co-manager@gmail.com



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Fig 6.1 Result of the Project

6.2 Conclusion

In summary, the development of a college admission management system using PHP and MySQL has yielded a robust platform that effectively streamlines the complexities of college admissions. This project has culminated in a solution that offers significant benefits across various aspects of the admission process.

Firstly, applicants experience a simplified application process, from account creation to document submission, with the ability to monitor their application status effortlessly. This user-centric approach enhances the overall experience for prospective students, making the journey towards admission more intuitive and accessible.

Additionally, admission officers benefit from a structured workflow that optimizes the review process, interview scheduling, and decision-making. This streamlining of administrative tasks boosts efficiency and ensures timely processing of applications, ultimately improving the throughput of the admission system.

Furthermore, the system's robust document management capabilities ensure the secure handling of applicant documents, maintaining compliance with data protection regulations and safeguarding sensitive information. This feature instills confidence in both applicants and administrators regarding the security and integrity of their data.

Moreover, the inclusion of built-in communication features facilitates seamless interaction between admission officers and applicants, fostering transparency and expediting information exchange throughout the admission process. This real-time communication enhances engagement and reduces friction in the application journey.

Furthermore, the system's integration capabilities and scalability features ensure seamless data exchange and accommodate future growth in application volumes, providing colleges and universities with a scalable solution that can evolve alongside their needs.

Lastly, administrators benefit from comprehensive reporting tools and analytics, empowering data-driven decision-making and enabling continuous optimization of the admission process. This analytical insight facilitates proactive management and strategic planning, ultimately enhancing the overall effectiveness and efficiency of the admission system.

In essence, the implementation of this college admission management system underscores the commitment to modernize and improve the efficiency of higher education institutions' administrative processes. By leveraging PHP and MySQL technologies, the system not only facilitates smoother applicant experiences but also empowers admission officers with tools to manage applications more effectively. Its scalability, security features, and analytical capabilities position it as a valuable asset for institutions seeking to adapt to evolving admission needs while maintaining data integrity and compliance. As colleges strive to stay competitive, this system stands as a testament to the transformative potential of technology in higher education administration.

References :

[1] Web Based College Admission System

In the study conducted by Sandeep S. and Naveen G., titled "Web Based College Admission System," published in the International Journal of Emerging Technology and Advanced Engineering in 2012, a web-based system for college admissions is introduced. The system's primary objective is to minimize paperwork and manual errors associated with the admission process. (<https://www.ijetae.com/>)

[2] W3Schools PHP Tutorial

W3Schools offers a beginner-friendly PHP tutorial that covers basic to advanced PHP concepts with examples and exercises. It's a great resource for learning PHP programming.

[3] **PHP and MySQL Web Development (Book)** by Luke Welling and Laura Thomson

This book by Luke Welling and Laura Thomson is a comprehensive guide to building dynamic web applications with PHP and MySQL that helped to learn PHP and MySQL.

[4] Automated College Admission System by Jayashree C., Vinay S., Shubha S.

In 2016, at the International Conference on Computation of Power, Energy Information and Communication (ICCPEIC), a paper was presented focusing on the design and implementation of an automated college admission system. This system aims to simplify the admission process for colleges and students who can register easily. (<https://doi.org/10.1109/ICCPEIC.2016.7557226>)

[5] Online Admission System Using Web-Based Technologies by Kiran K., Shashank K.

In 2014, at the International Conference on Computer and Information Technology (ICCIT), a paper was presented that discusses the development of an online admission system. This system utilizes web-based technologies to enhance the admission process for educational institutions. (<https://doi.org/10.1109/ICCI Technol.2014.7073421>)

[6] Online Forums and Communities

Join online forums and communities focused on PHP and MySQL development. Websites like Stack Overflow, Reddit, and SitePoint have active communities where you can ask questions, seek advice, and share knowledge with other developers.

Appendix I

Schedule of the Project

