



Collage Alumni System

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Abstract: The "College Alumni System" is an online platform that is meant to handle alumni information, events, and job listings effectively. The system improves alumni interaction through a centralized database, event management, and mentorship. Built with PHP and MySQL, the system provides secure storage of data and quick retrieval. The system is meant to enhance the bond between the college and alumni through a collaborative and supportive community.

Keywords: Alumni Management, Event Management, Centralized Database, Web-based Application, Data Security.

I. INTRODUCTION

"College Alumni System" is web based application which store the data of old students, event and job post. The alumni web site of a college keeps a person in track with the events that are organized by the college and informs the members when some important events will occur that have not been organized by the college. Advantage of being a member of an alumni web site, which is considered to be the main reasons why many colleges have an alumni web site, is that a person can easily find some information concerning a former student and the person can easily contact any other member of the alumni community. College alumni web site is of great importance to the university at the moment. Because of the fact that the number of people that have graduated at college is growing fast, maintaining contact with the graduates has become a very important issue. Furthermore, it is also very important for college to make it possible for a graduate student to be able to maintain contact with another graduated student. At this moment, college alumni web page. The "College Alumni System" can be entered using a username and password. It is accessible by an administrator and alumni. Administrator only they can add data into the database. The data can be retrieved easily. The data are well protected for personal use and makes the data processing very fast. This system objectives of easily & maintainable information. In "College Alumni System" we use PHP and MySQL database. This is the project which keeps records of old students, event and job post "College Alumni System" has two module i.e. admin and alumni.

II. RATIONALE

1. Centralized Alumni Management

- **Effective Data Storage:** All alumni data, such as contact information, academic performance, and professional accomplishments, is retained in one centralized database for easy access and maintenance.
- **Efficient Communication:** Enables effective communication between the college and its alumni through one single interface.

2. Increased Alumni Engagement

- **Event Management:** Automates the planning of alumni events, e.g., reunions, networking sessions, and webinars, with effortless invitation.
- **Networking Opportunities:** Offers a platform for alumni to network, connect, and collaborate with one another and current students.

3. Mentorship and Support

- **Career Guidance:** Allows alumni to mentor current students through the sharing of career advice, experiences, and opportunities.
- **Supportive Community:** Creates a supportive community where alumni can assist in the personal and professional development of current students.



4. Fundraising and Sponsorship

- Development Programs: Invites alumni to support college development programs through donations or sponsorships.
- Transparent Contributions: Provides transparency in the use of funds and acknowledges donor contributions.

5. Data Security and Privacy

- Secure Authentication: Provides secure authentication techniques to prevent unauthorized access to sensitive alumni information.
- Data Protection: Utilizes strong security mechanisms to safeguard alumni information from unauthorized use and attacks.

6. Scalability and Future Growth

- Adaptable System: Capable of scaling and adapting to the increasing number of alumni and their activities.
- Future Growth: Facilitates possible future growth, including mobile app integration and sophisticated data analysis.

III. OBJECTIVES

The objective of this project is:

- To create a centralized platform for managing alumni data, events, and job postings efficiently, enhancing the connection between the college and its alumni.
- By moving from traditional methods to a web-based system, ensure secure data storage and fast retrieval, improving overall communication and engagement.
- Build a scalable system that can accommodate the growing number of alumni and interactions, supporting future expansion and enhanced features.

IV. SCOPE

The “College Alumni System” of the organization is developed to overcome the most of the problems occurring in the manual system by computerizing the existing system. The features of the newly proposed computerized system are described in brief as below: After computerizing the system, the owner of the organization or the user of the system can finish their work in least amount of time and efforts. The computerized systems have many gains and efforts which the manual system can't give in any type of situations. In any manual system if we take, the main problem arising is to maintain the number of records and finding a particular record. — Some of the features of the proposed system are given below: -

- a. Maintaining the Data for Faculty details.
- b. Getting the information.
- c. Removal of Data Redundancy

V. LITERATURE REVIEW

1. Existing Alumni Management Systems

- Many educational institutions rely on traditional methods, such as manual record-keeping or spreadsheets, to maintain alumni data. These approaches are inefficient, prone to errors, and difficult to scale.
- Modern systems often incorporate database management, web portals, and mobile applications, improving accessibility and engagement between alumni and institutions.

2. Technology in Alumni Platforms

- Web-Based Platforms: Studies show that web-based alumni platforms are widely adopted for their accessibility and features like real-time updates, event notifications, and database management.
- Mobile Applications: The growing usage of mobile apps in alumni systems allows instant communication and engagement through push notifications, event reminders, and mentoring tools.
- Cloud Storage: Cloud-based solutions offer scalability and security, enabling institutions to store vast amounts of data while ensuring data integrity and privacy.



VI. PROBLEM STATEMENT

Educational institutions face significant challenges in maintaining effective relationships with their alumni due to the lack of a centralized, efficient, and interactive alumni management system. Current methods, which often rely on manual processes or fragmented digital solutions, result in:

- a. **Inefficient Data Management:** Alumni information becomes out dated or incomplete, leading to lost opportunities for engagement and collaboration.
- b. **Low Alumni Engagement:** Alumni lose connection with their alma mater due to a lack of effective communication and engagement strategies.
- c. **Event Management Challenges:** Organizing alumni events, such as reunions or professional networking meetups, is time-consuming and error-prone without a streamlined system.
- d. **Missed Networking and Mentorship Opportunities:** Both alumni and current students are unable to leverage valuable connections due to the absence of a dedicated platform.
- e. **Limited Fundraising Potential:** Institutions struggle to mobilize alumni for contributions or sponsorships without efficient communication tools.

VII. PROPOSED METHODOLOGY

The goal of any system development is to develop and implement the system cost effectively; it most suited to the user's analysis is the heart of the process. Analysis is the study of the various operations performed by the system like as (add, update, delete events, job post and alumni details) and maintain relationship within through the system. During analysis, data collected on the files, decision points and transactions handled by the present system.

The "College Alumni System" can be entered using a username and password. It is accessible by an administrator.

Administrator only they can add data into the database. The data can be retrieved easily. Another purpose for developing this application is to generate the report automatically.

VIII. SYSTEM ARCHITECTURE

The "College Alumni System" is a web-based application designed to store and manage data related to former students, events, and job posts. It allows secure access using a username and password, enabling administrators to manage courses, events, alumni details, and job posts while generating reports and updating profiles. Alumni can view events, post jobs, and manage their profiles. The system is built using PHP and MySQL, with Apache as the web server, ensuring efficient data processing and security through MD5 encryption. This architecture aims to replace the manual processes of the alumni office with an automated and user-friendly system.

IX. DEIGN METHODOLOGY

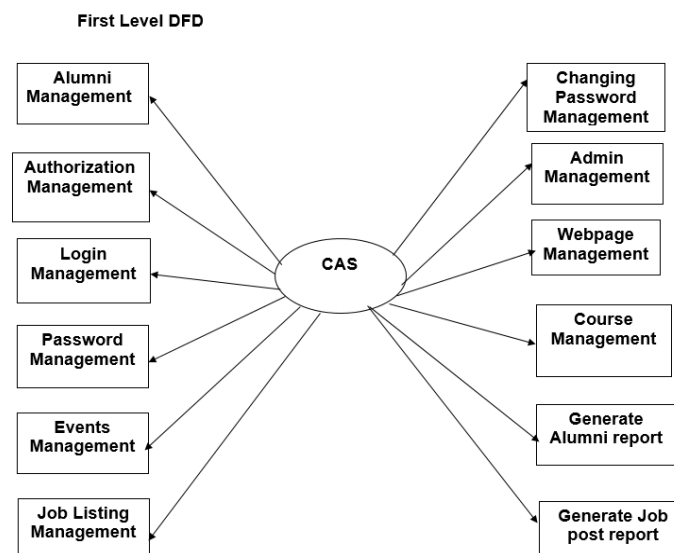


Fig . 1– First Level Data Flow Diagram



X. MODULE DESCRIPTION

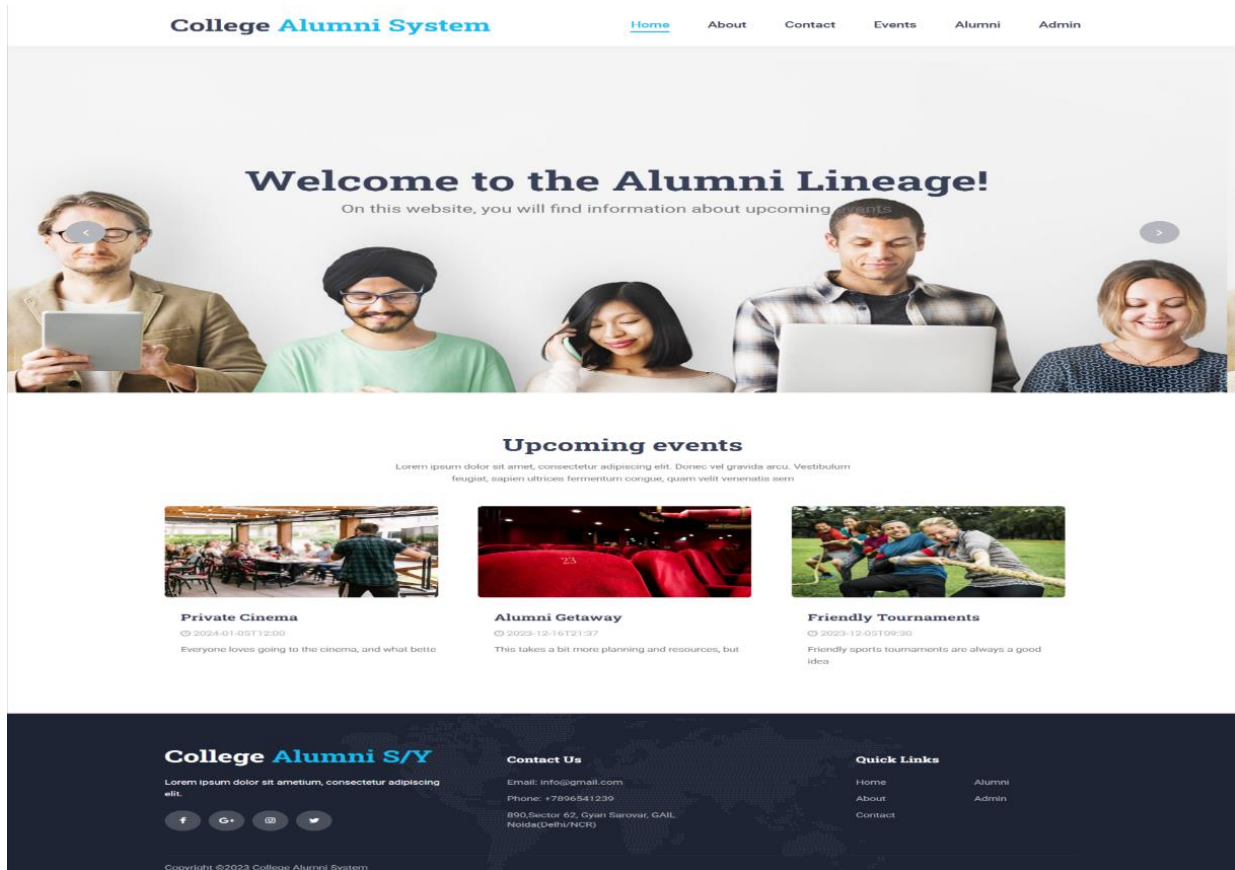


Fig . 2-Main page

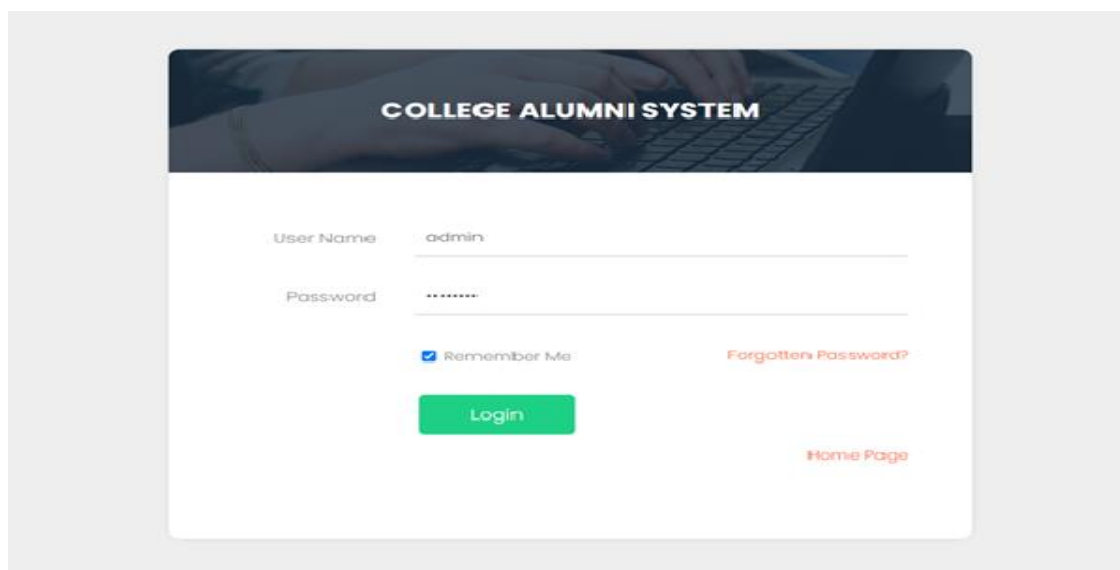


Fig.3– Admin Login

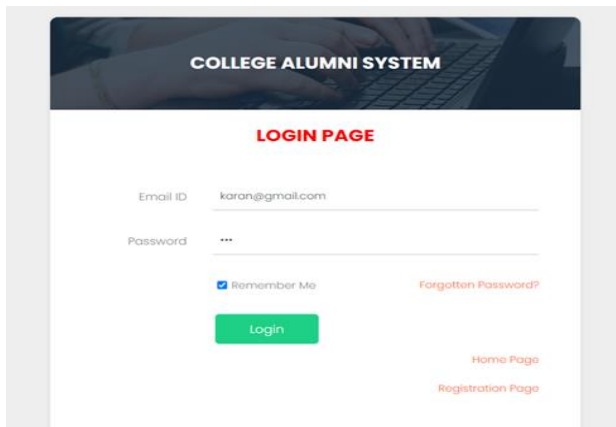


fig . 4- Alumni Login

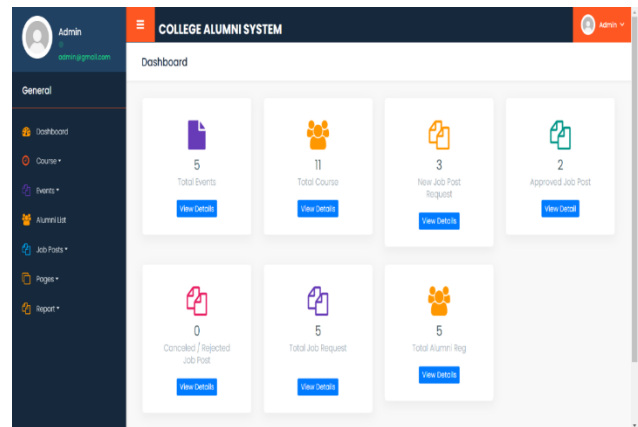


Fig . 5-Admin dashboard

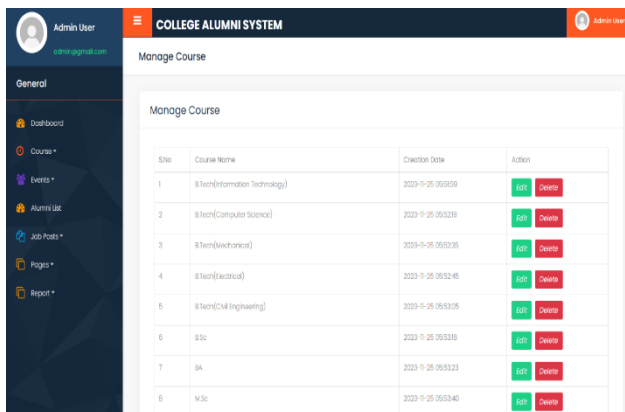


Fig . 6- Manage Course

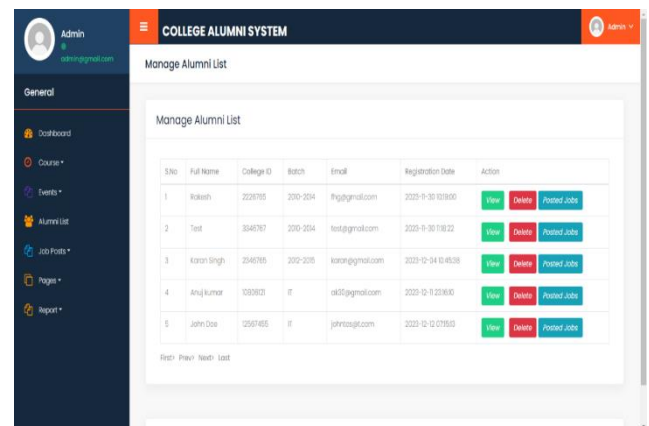


Fig7- Manage Alumni Data

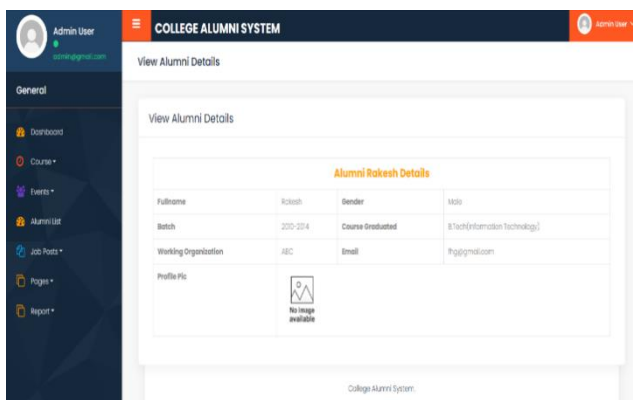


Fig . 8- View Alumni Details

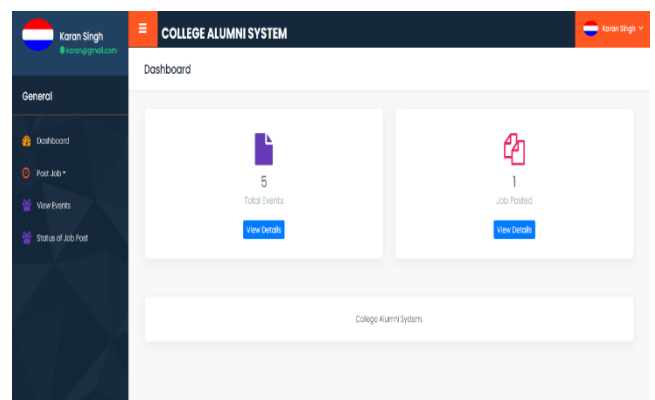


Fig . 9-Alumni Dashboard

- **Admin Module**
 1. **Dashboard:** In this section admin can briefly view total number of events, total courses, New Job Request, Approved Post, Total Canceled Job Post, Total Job Request and total alumni registered.
 2. **Courses:** In this section, admin can manage the Courses(add/update/delete).
 3. **Events:** In this section, admin can manage the Events (add/update/delete).
 4. **Alumni List:** In this section, admin can view and delete alumni details.
 5. **Job Posts:** In this section, admin can manage jobs posted by alumni and have rights to approve and disapproved that job post.



- **Alumni Module**
- 1. **Dashboard:** In this section, alumni can view total events schedule by college and total job posted by him/her.
- 2. **Post Jobs:** In this section, alumni can manage job post(Add/Update/Delete).
- 3. **View Events:** In this section, alumni can view events details which is organized by college.
- 4. **Status of Job Post:** In this section, alumni view the status of job posts.

XI. IMPLEMENTATION DETAILS

11.1 Hardware Requirements

- Processor : Intel(R) Core(TM) i5
- Speed : 2.80 GHz
- RAM : 8 GB
- Hard Disk : 40GB
- Monitor: Dell

11.2 Software Requirements

- Operating System : Windows 10 Enterprise
- Front End : HTML, CSS, PHP.
- Back End : MySQL
- Other: Microsoft Word

XII. CONCLUSION

“College Alumni System “which is developed only for the stored the information about the Alumni, Events and Job Post in computer which is very easy to handle if the any person which is knows the English language perfectly who have no knowledge about any software that person can handle this system. Also can update, delete record of faculty and college.

The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

XIII. FUTURE SCOPE

The future scope of a college alumni system includes:

1. Enhancing networking opportunities among alumni.
2. Streamlining job and event postings for graduates.
3. Integrating advanced data analytics for personalized engagement.
4. Implementing direct communication features with alumni officers.
5. Creating a user-friendly interface for easy access and updates.

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