

THE ALUMNI PORTAL FOR CAREER ASSISTANT AND COLLABORATION

Prof Arti Virutkar

Assistant Prof of Department, Computer Application, K. D. K College of Engineering, Nagpur, Maharashtra, India
artivirutkar.mca@kdkce.edu.in

Harshal Pathrabe

MCA, Computer Application, K. D. K College of Engineering, Nagpur, Maharashtra, India
harshalpathrabe.mca23@kdkce.edu.in

Vaibhav Bagde

MCA, Computer Application, K. D. K College of Engineering, Nagpur, Maharashtra, India
vaibhavbagde.mca23@kdkce.edu.in

Abstract

The relationship between students and alumni plays a crucial role in academic and professional development. This paper presents the Student-Alumni portal, a digital platform designed to strengthen alumni-student interactions, streamline data management, and enhance career-building opportunities. The system integrates features such as alumni networking, event management, advertisements, resume-building tools, student data management, and automated email notifications. Implemented using PHP, MySQL, HTML, CSS, and php MySQL Database, the system offers a user-friendly and secure interface. The proposed solution addresses common challenges in alumni engagement, providing an efficient and scalable framework for academic institutions.

Keywords: Alumni Management, Student Engagement, Data Management, PHP, MySQL, Resume Building, Digital Platform, Automated Email Notifications

Introduction

Alumni networks play a crucial role in fostering strong relationships between graduates and their alma mater, offering valuable support for both current students and institutions. However, traditional alumni engagement methods often suffer from inefficiencies, making it difficult to maintain meaningful connections, track alumni progress, and facilitate professional networking. As a result, many institutions struggle to fully leverage the potential of their alumni community for mentorship, career guidance, and institutional development.

To address these challenges, the **Student-Alumni Portal** is designed as an integrated digital platform that bridges the gap between students and alumni. This system enables seamless interaction, allowing alumni to stay connected with their institution while providing current students with mentorship, networking opportunities, and career-related guidance. Through this platform, users can engage in discussions, share job opportunities, participate in events, and contribute to institutional growth.

Key features of the portal include **resume-building tools, automated email updates, event coordination**, ensuring a comprehensive approach to career development. Additionally, the system enhances alumni engagement through personalized profiles, discussion forums, and a user-friendly interface that encourages active participation. The implementation of automated notifications and interactive features further strengthens

communication, making it easier for alumni and students to stay updated on important news and events.

By providing a centralized hub for alumni relations, the Student-Alumni Portal fosters a strong professional network, enhances career opportunities, and contributes to the long-term success of both individuals and the institution. This project serves as a significant step toward modernizing alumni engagement, ensuring that graduates remain connected and invested in their alma mater while empowering students with the resources they need for a successful career.

Proposal System:

The student-Alumni portal is a web-based solution that allows students and alumni to connect seamlessly. It provides functionalities for alumni to mentor students, share job opportunities, and participate in institutional events. The system also enables students to build and update their resumes, stay informed about alumni activities, and receive automated email updates. The platform ensures secure data storage and retrieval using MySQL, with a robust backend powered by PHP.

Advantages:

1. Enhanced Alumni-Student Networking - Provides a centralized platform for students and alumni to connect. Alumni can mentor students, share experiences, and provide career guidance
2. Efficient Data Management - Secure storage and retrieval of student and alumni records.

Easy access to alumni contact details and professional achievements.

3. **Career Opportunities & Resume Building** - Alumni can post job openings and internships for students. The resume-building tool helps students create and update professional resumes.
4. **Event & News Management** - Colleges can announce events, webinars, and reunions efficiently. Automated notifications ensure alumni stay updated on campus activities.
5. **Automated Email Notifications** - Important updates (job postings, events, alumni news) are sent directly to users' emails. Keeps the alumni community actively engaged.

Admin:

The role of the admin is pivotal in ensuring the smooth operation of this endeavour. In this designated section, the admin will enter their credentials to gain access to the system. Once logged in, the webpage will exhibit details concerning The admin holds complete authority over the webpage and can utilize the query function to extract essential data of alumni's and students Admin can manage events/news, account and advertisement.

Home Page:

The home page of the Alumni Portal serves as the central hub for alumni, students, and visitors. It includes key sections such as Alumni Friends, Events & News, and Advertisements, ensuring seamless communication and engagement within the alumni community.

Profile Page:

The **Profile Page** in Alumni Student Data Management System will allow logged-in users to update their personal details

Full Name,Address,Mobile Number,Department,Qualification,Job Description as well as the feature of view resume or generate resume

Also your alumni friends can see your resume.

Event And News:

This section will showcase upcoming and past events related to alumni activities, such as reunions, webinars, networking sessions, and career fairs.

The news section will keep alumni updated about important announcements, achievements, and institutional developments

Alumni Friends:

The **Alumni Friends** section allows alumni to connect, network, and stay in touch with their batchmates and other graduates.

Life long connection with your alumni friends, and as well as we provide the feature of chatting with your alumni friends in the future.

Implementation

Effective implementation is crucial for the success of the project. The Alumni data management System is a web-based application project designed to assist colleges in managing their alumni data. Implementing an **Alumni portal** involves developing a **web-based portal** where administrators can manage alumni records and students can register, update, and track their career progress

- Fulfilment of this web application done by using Php,html,css for front end.
- Various tools required to implement this project.
- Install php package or extension and jquery.

Modules

Admin module: The role of the admin is pivotal in ensuring the smooth operation of this endeavour. In this designated section, the admin will enter their credentials to gain access to the system. Once logged in, the webpage will exhibit details concerning The admin holds complete authority over the webpage and can utilize the query function to extract essential data of alumni's and students Admin can manage events/news, user account and advertisement.

Career Opportunities & Resume Building - Alumni can post job openings and internships for students. The resume-building tool helps students create and update professional resumes also view their resume to there alumni friends it's beneficial for better job or carrier .

Automated Email Notifications - Important updates (job postings, events, alumni news) are sent directly to users' emails. Keeps the alumni community actively engaged

Efficient Data Management - Secure storage and retrieval of student and alumni records. Easy access to alumni contact details and professional achievements

System Requirements:

- **Software Requirements**
 1. Windows 10 and Above
- **Programming Languages**
 1. HTML and CSS framework (bootstrap and Tailwind CSS)
 2. PHP
 3. MYSQL,Jsquery

Literature Review

1 Ruth G. Luciano, Gloria M. Alcantara, Renato Bauat, Jr :

The limitations of the study on the alumni tracking system include a small sample size, with only 10 college deans and program chairpersons, which may not fully represent the broader perspective. The system's reliance on internet access and modern devices could exclude alumni without these resources. Additionally, concerns about data security and privacy arise due to the collection of sensitive information. There is also no clear strategy for ensuring consistent alumni engagement or updates. Lastly, the required hardware and software may be a barrier for institutions with limited resources.

2 . Rugved Shinde¹etal, Makarand Kakad²etal, Shital Ghodke³etal, Prajкта Dodake⁴etal

The Alumni Management System has several limitations, including delayed communication due to admin approval, potential security concerns with user data, and delays in user onboarding due to manual registration approval. The system may face scalability issues as the user base grows, and the accuracy of data could decline over time if alumni don't update their profiles regularly. Alumni Management System Solution to Alumni Database.

3. Mrs. K. G. Jagtap¹, Mr. D.P. Soni², Mr. P.N. Salve³, Mr. S.S. Bole⁴:

The Alumni Connect platform, while offering many benefits, has some limitations. It may exclude users from rural or underserved areas due to the need for reliable internet access and modern devices. Engaging alumni over time can be challenging, as some may lose interest or face life commitments. Data privacy concerns also arise, requiring strong protections. Resistance to adoption from less tech-savvy alumni and scalability issues as the platform grows are additional challenges. Lastly, maintaining the platform long-term requires significant financial and human resources, which may pose sustainability concerns.

Conclusion

The Alumni portal Student Data Management System provides a structured platform for alumni to stay connected, share professional updates, and engage with their alma mater. With features like profile management, event updates, news sharing, alumni networking and, resume building the portal enhances communication and strengthens the alumni community.

By enabling easy access to alumni data, fostering professional connections, and supporting ongoing engagement, this system serves as a valuable tool for both graduates and the institution. Future enhancements, such as job postings, mentorship programs, and discussion forums, can further enrich the platform, making it a comprehensive hub for alumni interactions.

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