PRESIDENCY UNIVERSITY

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School of Computer Science Engineering & Information Science

A Report on

Mini-Project Title "Alumni management"

Course Title: Web Technologies

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Submitted By:

Name:Madni Shaik,Gaurav,Sumanth,Abhishek,Shivani,Renisha

Roll No:20241IST0117,20241IST0118,20241IST0119,20241IST0120,20241IST0121
       20241IST0122

Signature:

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Introduction

The Alumni Management System is developed to provide an organized and efficient method for maintaining alumni records within an educational institution. Traditionally, storing and retrieving alumni information was handled manually, leading to data loss, redundancy, and difficulty in communication. To overcome these challenges, the system offers a digital platform that simplifies the management of alumni data, ensuring accuracy, accessibility, and long-term maintenance.

This system enables administrators to perform essential operations such as alumni registration, updating profiles, tracking graduates' achievements, and maintaining contact information. It also allows alumni to stay connected with their institution, participate in events, and engage in various academic and professional activities. By integrating these features into a single platform, the project supports effective communication and enhances institutional networking.

Moreover, the Alumni Management System plays an important role in fostering collaboration between former students and the institution. Alumni networks often contribute significantly through mentorship, career guidance, placements, and institutional development. This system helps establish a reliable communication channel that strengthens these bonds. With a user-friendly interface, secure database, and scalable design, the project aims to build a sustainable digital solution for long-term alumni engagement.

Abstract

The Alumni Management System is a web-based application designed to streamline the process of managing alumni information within an educational institution. It provides a centralized and structured platform for storing, retrieving, and updating alumni records efficiently. The system aims to bridge the communication gap between alumni and the institution by offering dedicated interaction modules. It allows administrators to maintain accurate alumni databases with minimum manual effort. Alumni can register, update their profiles, and stay connected with the institution. The system also helps institutions track the professional achievements and career paths of alumni. This contributes to building a strong network beneficial for academic support and placements. The platform supports event announcements It enhances collaboration by enabling communication through messages and notifications.

Hardware and Software requirements:

Hardware Requirements:

- Processor: Intel Core i3 or equivalent (minimum)
- RAM: 4 GB or more
- Hard Disk: 500 GB or more
- Monitor: 14-inch or larger
- Input Devices: Keyboard and Mouse
- Internet Connection: Required for web-based access

Software Requirements:

- Operating System: Windows 7/8/10 or Linux
- Web Browser: Google Chrome, Mozilla Firefox, or Microsoft Edge
- Web Server: XAMPP/WAMP/LAMP (for PHP and MySQL support)
- Programming Languages: HTML, CSS, PHP
- Database: MySQL or MariaDB
- Text Editor/IDE: VS Code, Sublime Text, or Notepad++

Module/Functionality:

Admin login module
- This module provides secure access to the system for administrators. Through role-based authentication,
- It ensures authorized access and safeguards sensitive alumni info.

Alumni registration Module:
- This module allows new alumni to register by providing their personal, academic, and professional details.
- Alumni can later update their profiles when required.

Alumni directory Module:
- This module supports networking, data retrieval, and communication.
- The directory module displays a list of all registered alumni with search and filter options.

Event management Moudle:
- Institutions can schedule, announce, and manage alumni events
- Alumni can view upcoming events and register for them.

Communication Module:
- It helps maintain continuous engagement and information flow.
- Institutions can send updates regarding events, achievements, or important information.

Purpose of the Project:

- To maintain and manage alumni info in a centralized digital database.
- To enhance communication between the institution and its alumni.
- To provide easy access to alumni profiles for networking and engagement.
- Reduce manual record-keeping and improve data accuracy and efficiency.

Results with Sreenshots

welcome Page

Login Page

Result with Screenshots

Alumni job opportunitie

View Page

Result with Screenshots

Dashboard

Events

Conclusion

The Alumni Management System successfully provides a structured and efficient way to manage alumni information within an educational institution. By replacing traditional manual methods with a digital platform, the system ensures better accuracy, easier data handling, and improved long-term record maintenance. The platform's user-friendly interface and organized modules make it simple for administrators and alumni to interact.

This project also strengthens the bond between the institution and its former students by facilitating smooth communication and engagement. Through features such as alumni directories, event management, and notification services, the system encourages active participation and supports collaboration. These functionalities help build a strong alumni network that contributes positively to the institution's academic and professional-ecosystem.

Overall, the Alumni Management System proves to be a reliable, secure, and scalable solution for managing alumni data. It not only improves operational efficiency but also enhances the quality of communication and alumni involvement. With room for future enhancements, the system can continue to evolve and support additional features, making it a valuable tool.