Alumni Tracking System

Kritika Solanki, Anjali Yadav, G. Anjani, Shephali Raipurkar,
UG Student, Shri Shankaracharya Group of Institutions, Bhilai, Chhattisgarh, India

ORIGINAL ARTICLE

Corresponding Authors
Kritika Solanki, Anjali Yadav,
G. Anjani, Shephali Raipurkar,
UG Student, Shri Shankaracharya Group of
Institutions, Bhilai, Chhattisgarh, India

shodhsamagam1@gmail.com

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ALUMNI TRACKING SYSTEM Kritika Solanki I, Anjali Yadav2, G. Anjani3, Shephali Raipurkar4 Student, Shri Shankaracharya Group of Institutions, Bhilai, Chhattisgarh, India Abstract: Alumni Tracking System is an online-based application that helps us track college graduates.

The project aims to improve the current university alumni tracking procedure and provide alumni data to university or college departments. It aims to develop a useful

ABSTRACT

Alumni Tracking System is an online-based application that helps to track college graduates. The project aims to improve the current university alumni tracking procedure and provide alumni data to university or college departments. It aims to develop a useful web portal for universities or colleges to monitor their graduates and for graduates to update their current information. It is a system to provide an optimized solution for collecting and managing alumni data proposed by this system. The system will be an all-in-one place for processing alumni data, connecting graduates to institutions, and providing flexible data tracking capabilities. Users can update their information by simply logging in to their account and modify the details. Another advantage of the proposed system is that alumni forums are generally managed by alumni groups, which will be an overhead for them. The system is automated and requires no maintenance effort from graduates.

KEY WORDS

Alumni-tracking, Web-portal, Admin, Event-Section, News-Section, Career-Section.

INTRODUCTION

The Communication between alumni and institution can be very helpful in many situations. For example, the institution may be interested in inviting one of its alumni, who is now a very successful entrepreneur, to a guest lecture. However, if the appropriate contact is not available, the institution will have to spend time tracking the contact. Thus, maintaining consistent data and establishing the proper communication.

The proposed system will help graduates to communicate with each other, with their peers,

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juniors and with the organization. In this way, they can create a strong network of experts. This system proves to be useful for students at educational institutions because current students have contacts with their seniors from whom they can find opportunities and guidance or referrals.

The admin can also communicate with their alumni and can notify if users make any updates to their profile. In addition to manage communication, the system also allows users to generate events. The upcoming events are displayed on the main page. Thus, the user will be reminded of the event so as not to miss the important event.

Background and Motivation

Every year many college students graduated from their respective universities or colleges. It's could be very difficult for the faculties and universities to preserve their comprehensive records and result in lack of communique between alumni and college. So, it is important to have a relationship with those alumni.

Project Scope

This project can be implemented in any area of the domain, whether social, commercial or industrial, with specific modifications, each with different uses and unique specific requirements. The social use of this project would be maintaining the donor status, so any NGO can use it for this purpose with a little modification.

Industrial and commercial use of this application supports employee or retired employee data with changes to specific requirements.

Proposed System

The proposed system is a web application that graduates and alumni can access through the Internet. This allows for quick and easy communications. Each user is responsible for updating their information. Administrators can use this system to approve changes done by alumni and inquire about job vacancies which will be updated in about section only.

This concept is implemented as a web application for a wide range of users, who can access the system anytime, anywhere via the Internet. The implementation is done in a way that offloads the administrator side to support user created updates. It had many features including data analysis, networking, database management and manipulation.

Traditional vs Proposed System:

Traditional System

1. Data is inaccessible from anywhere because it is not stored in server.
2. System does not include networking in any manner.
3. Data is not segregated in broader context.

Proposed System

1. Since all data are stored on server it can be accessed anywhere at any time.
2. Networking of alumni is one key features of system.
3. In system segregation of data elementary of key concept.

Architecture

*   We have made a system for tracking and fetching the details of the alumni.
*   Alumni Tracking System is a web application which consists of six modules: Login Page, Home Page, Register Page, View Details, Change Status, About and Contact Us Page.

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- First is the login page where the alumni can login to the website by using their credentials.
- Second is the home page which is the dashboard of the user interface.
- Third is the register page which can only be accessed by the registered admin of the institution.
- Fourth is the view details page from where the alumni can view their details.
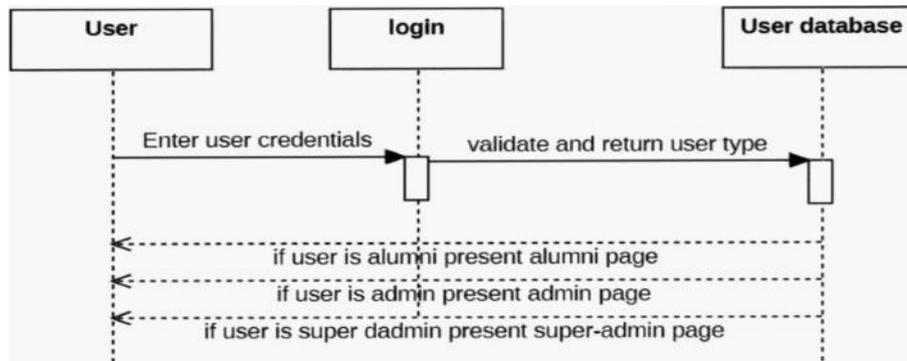

Figure 1: 3-Tier Architecture Diagram

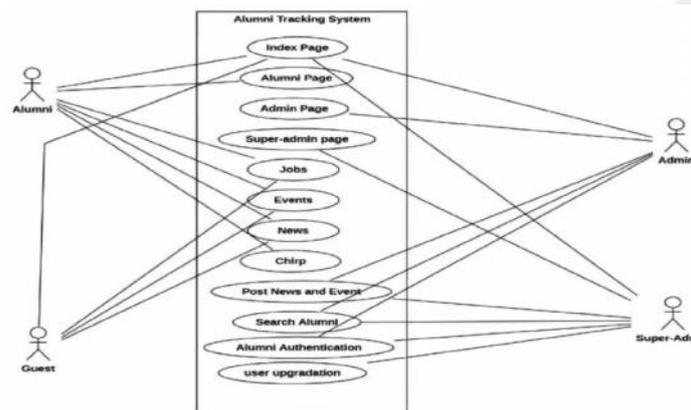Below is the use case diagram which will give brief how our portal will look for different user paragraph:

Figure 3.2: Use Case Diagram

➢ The user can update their details anytime. We will design the database system through which a smooth function of data will happen among each other.

➢ An admin can publish an event and news and even delete and all this happen because of database system.

➢ An admin can verify user and this also happen because of database system.

➢ We are going to develop a search alumnus features in which it scans the user database and returns all the relevant information.

➢ There will be having a login system before displaying anything we will have a middleware which is going to detect which user is logging in accordingly it will slow results. For example; admin it will admin panel and for alumni it will show alumni related panel for this refer figure 3.1.

➢ We will develop a process through which admin can publish notice news and everything in portal.

➢ Admin can verify the user for it and make required changes in database.

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User Interfaces
Dashboard System

Enter Details of Students and Alumni

Advantages

1. Consistency of data.
2. Redundancy of data is reduced.
3. It is cost efficient, resource efficient and user efficient.
4. Security of data.

CONCLUSIONS

More and more colleges and universities focus on how to effectively develop and use alumni resources. Combining the issues of alumni management in "internet+" era, this paper presents an integrated smart alumni information management system. Firstly, construct a dedicated communication social networking platform for alumni to increase the communication between alumni, instructors and

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college students and promote the combination of industry, university and research. Next, through the intelligent technology of data acquisition and storage, the system achieves the effective collection of mass alumni records based on "multiplatform", the optimization of alumni management process and the extension of alumni data collection channels. In short, faculties and universities use alumni assets to maximize its feature through the integrated intelligence alumni information management system.

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