

Web Application to Enhance Communication and Interaction between Students And Alumni

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ABSTRACT: Alumni portals is providing common platform for every institute. Owing to the need to have all the Alumni (already passed out students) must be connected to the Institute, resulted in sharing their experiences, views, ideas, guidance, motivations and strategies. The objective of Alumni portal application is to allow old and new students of the college to communicate with each other. This allows students to know about each other and their current activities. This portal highlights the feature of communication, which will enable the current students to have interaction with the alumni of the college for getting various updates on current industry trends, Internship opportunity, sponsored projects and various referral opening in the corporate world. This portal will serve the cause of integrating all the stakeholders of Institute such as, Alumni, College students, Faculties to avail the guidance and knowledge sharing on various domains. In this project we proposed the Dynamic Architectural design of the Alumni portal, which enable the two way communication between all stakeholders.

1 Introduction

This portal will be providing direct contact of the alumni with the students as well as the staff members. The desired query of the existing students will be answered faster. This keeps the students updated with the current updates and demands of the industrial market. The students neither posting nor chatting can also silently be updated with the on goings in the college as well as the market. This system can be used as an application for the Alumni Information Database to manage the college information and student's information. The system is an online application that can be accessed throughout the organization and outside customers as well with proper login provided, which will give better service to the customers. The alumni association is the most important part of an educational institute or an organization. It says a lot about the quality of education imparted in that institute. Part of the reputation of a college rests on its Alma Mater. After the students complete their education, they begin their journey in the corporate world.

Many of them attribute a lot to the kind of education, grooming, opportunities, co-curricular activities and facilities provided by their college. Many students like to come back to their college that has been a very important part of their memory. They like to give back to their college by giving their valuable time. They feel obliged to the institute that opened new avenues of jobs for them by building them academically strong. Most of the good colleges ensure an allround development of the students. They have special sessions to grill the students and prepare them for the interviews.

There are various kinds of co-curricular activities and competitions organized by the college. Such events create memories for the students to cherish for a lifetime.

2 Overview

Overall description consists of background of the entire specific requirement. It also gives explanation about actor and function which is used. It gives explanation about architecture diagram and it also gives what we are assumed and dependencies. It also support specific requirement and also it support functional requirement, supplementary requirement other than actor which is used. It also gives index and appendices. It also gives explanation about any doubt and queries. Once a student graduates from the institute, his/her professional life or career begins, with higher education playing an important role in establishing himself/herself in the profession. In respect of College, it has been our experience that from the very beginning, the alumni have maintained personal contacts with one another, rather than use the channel of Alumni Association. The advancements in information technology have certainly helped in creating new resources such as alumni web pages, list servers etc., so as to permit greater interactions between the alumni.

Scope

This system can be used as the Office of Alumni and College Relations seeks to protect the privacy of its alumni and friends, and thus, endeavors to safeguard the use of information in its custody. To that end, the Office of Alumni and College Relations provides constituent information to requestors only under the conditions.

Need for Better Alumni Systems

Networking is and has been taking place all over the world since the existence of humans. Every person has a network; some recognize it and some do not. Nowadays networking has become easy because of the development of technology. People can interact with one another, share the ideas, and discuss their personal and professional lives without even moving from their desks.

Existing alumni systems are usually developed to facilitate networking between the alumni and their respective universities, but most of these current systems are not being used by the majority of the alumni for many reasons.

Literature review and related work

The higher education sector encounters increasing number of students with more diverse attributes, expectations, and demands. In times of sinking budgets and severe competition among universities, student relationship management (SRM) has become a key instrument in attracting paying students and retaining a long-lasting relationship, which in turn provides financial benefits and enhances the reputation of the university. In this paper, a structured literature review revealed a lack of requirement analysis for a student relationship management system (SRMS) from the target group perspective. An online survey was conducted with students and alumni from four Ivy League universities. The survey showed that university administration needs to improve their relationship and communication habits with the target groups. Because modern communication channels such as social network, blogs and apps are not yet wide-spread in this context, SRMS need to be further enhanced to include them.

This investigation examined relationships between college experiences and alumni participation in community organizations. College experiences were measured by participation in college activities and by perceptions of college contribution to developing intellectual and personal skills. Participation in activities during college was a substantial predictor of alumni participation in community organizations. Perceptions of college contribution to developing intellectual and personal skills were significantly related to alumni participation in community organizations but did not explain significant variance in alumni participation.

A valid outcomes assessment program exhibits consistency as well as

accuracy and fairness in its use of tools. The authors developed an alumni survey several years ago to gauge program success in meeting EC 2000 guidelines. The current paper examines how administering a nearly identical survey to graduates of the intervening years since the last cohort provides some closure to the assessment loop. The more recent survey should give evidence whether departmental actions meant to address shortcomings highlighted in the earlier survey were indeed effective in increasing perceived preparation levels in the areas of concern. If no betterment is recorded, that may be evidence of a more systemic curricular problem requiring yet further attention. In any case, adhering to a regular and timely schedule of administering alumni surveys utilizing an essentially common format fortifies the consistency of an assessment program while also giving the program an all-important temporal scale to validate its efficacy

ANALYSIS OF PROBLEM

The existing system is built with numberless excel sheets that are created by each user. These sheets may be collated by an alumni organization and shared with all the alumni but this activity may not be frequent. The system is difficult to maintain on a regular process and it also have a privacy issues. In the past, alumni relations, or engagement, tended to be treated as a stand-alone activity divorced from fundraising and other advancement activities. Indeed, some alumni associations were entirely independent of their parent institutions, and whilst their members interacted with each other, they had very little interaction with the institution. Also, Alumni Website was developed using static page rather than dynamic page. And also in existing system, maximum work goes on manually and it is error prone system, it

takes time for any changes in the system. The alumni portal is accessible for ex-students and not for current students. This is a major hurdle in the flow of information and guidance to the existing student.

3 Proposed System

The proposed system will be web based applications so it can be accessed by alumni and students with the help of admin. It enables quick and easy communications. Each user will be responsible for updating their own information's .Alumni will be able to organize meetings and find out about job opportunities using this system

a. MODULES

ADMIN MODULES

This module helps us to register user. The contents are id, name, Address, contact no, mail id, password. After registration admin can add the results to the search engines. Here admin can update, delete, maintain this form.

UPDATE STUDENT DETAILS:

In this module admin can update the details of the student like student name, password, address, contact number, mail id, register number, department name. These details stored in database. In this module admin

SEARCH USER DETAILS:

In this module can search the details of the students and alumni. It displays student name, address, contact no, email-id and password. It also displays alumni name, address, year of passing, designation, contact number, email-id and password.

VIEW USER DETAILS:

In this sub module , the user can view the entire details of the students or alumni are registered.

MAINTAIN USER DETAILS:

In this module admin can maintain student and alumni details regularly.

i. STUDENT MODULES UPDATE USER DETAILS:

In this sub module the user can update the details of the user like student name, gender, address, contact no, mail id. And we store these details in database.

SEARCH COLLEGE INFORMATION:

In this sub module the user can search the details of the college information and the user can select college information as their wish.

VIEW STUDENT DETAILS:

In this sub module the user can view the details of the colleges and the information about the colleges.

ii. ALUMNI MODULES UPDATE USER DETAILS:

In this sub module the user can update the details of the user like alumni name, year of passing , address, contact no, mail id designation and we store these details in database.

SEARCH FRIEND DETAILS:

In this sub module the user can search the details of the friend information and the user can select friend information as their wish.

VIEW COLLEGE DETAILS:

In this sub module the user can view the details of the college information about the college.

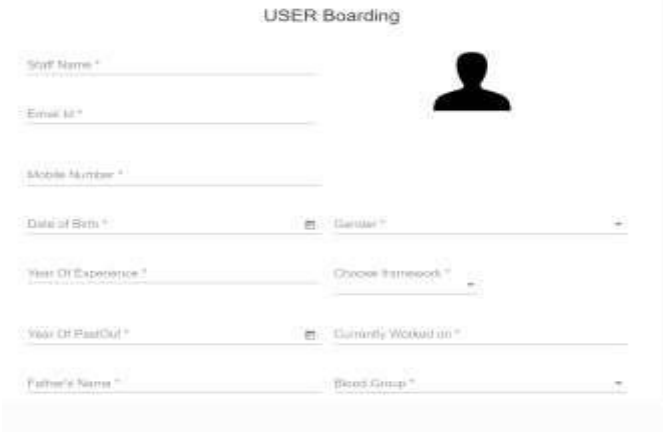
POST DETAILS:

In this module the user can post information(events, other technical activities to the site.

4 Procedure

b. Account Creation in website:-

User click the signup tab in the navigation bar,the signup form appers user fill the required details and submit the form.



The image shows a web form titled "USER Boarding". It contains several input fields: "Staff Name", "Email Id", "Mobile Number", "Date of Birth", "Gender", "Year Of Experience", "Choose It's wood", "Year Of PostOut", "Currently Worked on", "Father's Name", and "Blood Group". There is also a silhouette icon of a person's head and shoulders.

c. Login form for user:-

User can fill the login credentials,the details are authenticated and get redirected to the profile of the user.



5 Conclusion:

This system will be available for general public use through the web interface. A non-registered visitor can look at the list of graduates according to year of graduation. He/She can also look at graduates profiles. By default, a public visitor can only see name and sub name of a graduate, year of graduation and a field of study. Therefore graduates can also add some information about themselves into the system during the study such as working experience, knowledge. Graduates can enable to display this information in their profiles for public visitors. It is in a graduate's competence, which information will be displayed in their profiles and will be

shown to general public. Public also includes searching pages with their crawlers. A graduate can use it for the building of his virtual web identity on the internet. Our Alumni system solves the problem concerned with graduate's feedback to the faculty with an inquiry module. In this module the faculty can define questions with answers which active graduates can respond. This module should be used for collecting data which are not included in graduate's profiles and have high information value for the faculty.

References

- [1] Sife, A., Lwonga, E. & Sanga, C. (2007), "New technologies for teaching and learning: Challenges for higher learning institutions in developing countries", *International Journal of Education and Development using Information and Communication Technology (IJEDICT)*, 3(2), 57-67.
- [2] Sher, A. (2009), "Assessing the relationship of student-instructor and student-student interaction to student learning and satisfaction in Web based Online Learning Environment", *Journal of Interactive Online Learning*, 8(2), 1541-4914.
- [3] Achilles, W., Byrd, K., Strauss, J., Franklin, P. & Janowich, J. (2011), "Engaging Students through Communication and Contact: Outreach Can Positively Impact Your Students and You!", *MERLOT Journal of Online Learning and Teaching*, 7(1).
- [4] Slough, N. (2006), "Exploring the effects of instructor feedback methods in asynchronous discussion forums", paper presented at the Proceedings of AIB-SE Annual Meeting, Florida, USA.
- [5] Enisa, G. (2007), "Security Issues and Recommendations for On-line Social Networks", paper presented at the European Network and Information Security Agency, Heraklion, Crete, Greece.
- [6] Galitz, W. (2002), *The Essential Guide to User Interface Design*, 2nd edition, John Wiley & Sons, Inc., 605 Third Avenue, New York, USA.
- [7] Zhang, P., Carey, J., Te'eni, D., & Tremaine, M. (2004), "Integrating HumanComputer Interaction Development into SDLC: A Methodology", paper presented at the Proceedings of the Americas Conference on Information Systems, New York, USA.
- [8] Bastide, R, Palanque, P & Roth, J. (2005), "Engineering Human Computer Interaction and Interactive Systems", paper presented at the JointWorking Conferences, EHCIDSVIS 2004, Hamburg, Germany, LNCS, 3425, 271-288.