

Alumni Portal

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Abstract—Alumni portal is providing common platform for every institute. This project is aimed at developing an interactive system for the alumni of particular college. The proposed system will help alumni and the concern institution to create strong bonding through sharing their experiences, views, ideas, guidance, motivation inputs and strategies. A system that will be able to manage alumni data of an institution and provide easy access to secure information at both ends. 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 regarding job opportunities like industrial trends and industrial events etc. The proposed system will be developed with open source platform on web. This will help the user to access the portal from any location. Few of the required web design packages will be developed for better understanding. Various reporting formats can be generated based on filtering strategies. The admin panel will have all the rights to control the complete operation of system and implement add-ons if required in future. The system will automatically list all alumni information their graduation and their status will be transferred from the student module to alumni module.

I. INTRODUCTION

This alumni web portal will facilitate effective communication platform through online chatting, profile viewing and personal messaging within three stakeholders of the institute viz- College, Admin, Alumni. This system can be used as an application for the Alumni Information Database to manage the college information and students 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.

II. OVERVIEW

The Alumni System is a web-based application which can act as an interactive medium between the old students and the institutes. The proposed system will help alumni and the concern institution to create strong bonding through sharing their experiences, views, ideas, guidance, motivational inputs and strategies. A user and admin can easily find information regarding alumni. 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.

III. PROBLEM DEFINITION

Alumni web portal highlights the feature of intercommunication, which will enable to have interaction with the alumni of the college for getting various updates regarding job opportunities. Also, this portal provides a dashboard for coordinator, department coordinator and alumni to share their ideas, guidance, experiences. Various reporting formats like NBA and NAAC can be generated based on filtering strategies.

IV. LITERATURE SURVEY

A. Harvard Alumni

Front page of this portal shows the features like login tab so that the alumnus can login easily, ways to connect for connecting the junior and the pass-out students, make gift for various occasions like birthdays or anything else [1]. With that Harvard provides Features News for surrounding informations, Lecture details which describes the schedule, events and the Notice are displayed on home page itself with the present event [1]. Also gives the Donor Initiative Chance for the scenario when the alumni student he/she feels that they can help the college in terms of donation so that will be possible with this [1]. With all this we have observed the unique feature that, it provides the clubbed video on the home page and this thing makes the whole portal very much attractive [1].

B. IIT Kanpur Alumni

IIT has Gallery with many images, Lectures details with specific day and time, contacts which shows whom all are connected with this portal, woman alumni convention as separate for the woman only on the Home page [2]. Features are Gallery present on the home page, visit for guide allocations is given so that the junior student can get the solution or the advice for their difficulties [2]. Notice with highlighted form is shown for better visualization. Also gives the Donor Initiative Chance [2]. IIT Kanpur shows information events about present on every page where the current events are highlighted also there is a separate women alumni convention and that is the unique feature [2].

C. Alumni Princeton University

This portal has different things in their front page like Calendar for the current and the in coming occasions and in order to get about their own informations there is a tab i.e. About us [3]. This portal provides the features that is same as the IIT KANPUR like Gallery present on the home page, visit for guide allocations is given so that the junior student

can get the solution or the advice for their difficulties [3]. But the different thing is that this portal provides the scholarship in terms of donor initiative for the collage requirement purpose [3]. Providing the unique feature like the alumnus are categorized on the basis of regions communities of networks so that the students who belongs to the same area will get listed together [3].

V. NEED OF ALUMNI PORTAL

• Support system

An engaged alumni network allows the University to benefit from the skills and experience of our graduates, by offering their support to our students, to the institution and to each other. If we keep them well informed and engaged, alumni are our most loyal supporters and our best ambassadors, offering invaluable marketing and promotion across their personal and professional networks.

• Offering expertise

Talented alumni will likely have a wealth of experience and skills to share with current students via talks and meets. In certain cases, this could go even further with alumni offering to practically support students in work placements and help them launch their careers. Surya- dattas alumni create an engaged alumni network which is beneficial because engaged graduates are much more likely to want to give back to the University.

• Assistance in Employability

Alumni network has a real life benefit for current students. Alumni also donate their valuable time to offer career support to current students. This enhances the students experience and give them that competitive edge in today's tough job market. The alumni network of a college is one of the biggest sources of placement opportunities to the students. Alumni can help students get placed at their respective

• Mentorship and Scholarships

Alumni can play an active role in voluntary programs

like mentoring students in their areas of expertise. They also play a significant role in contributing scholarships to

deserving students. Alumni get in touch with students and share their expertise and best practices in a given field.

VI. REPORT GENERATION

A Report generator is a computer program whose purpose

is to take data from a source such as a database, a spreadsheet, and use it to produce a document in a format which satisfies a

particular human readership. Report generation functionality is almost always present in database systems, where the source of the data is the database itself. It can also be argued that report generation is part of the purpose of a spreadsheet. Standalone report generators may work with multiple data sources and export reports to different document formats. Report generation software targets the final requirement by making sure that the information delivered is presented in the way most readily understood by the target reader. In the report generation, this portal provides the facility of sorting data with alumni study

type and generate pie chart of Higher education student. It also sorts the student data in excel sheet and we can download the excel file.

ADVANTAGE

- It is completely automated in handling the college database.
- This system provides centralized database maintenance.
- This system provides easy access to the particular students account or his complete details.

This system provides student to navigate through the application for more information in a most secure manner.

PROJECT SCOPE

This alumni portal would provide common platform for interaction of alumni, students and college altogether.

- Portal provides dynamic feature such as active user status, personal chatting messaging.
- Virtual alumni meetings.
- Job posting
- Internships.
- Industry sponsored projects.
- Entrepreneurial guidance.
- Online expert lecture videos

IX. CONCLUSION

In present work, we are developing alumni web application to establish interaction between alumni and institutes. This web application is developing in Word press with the help of some inbuilt plugins and some own developed plugins. The web application serves as a useful site to any institution and Alumni to know what is going on in our college and can also know about the various opportunities of the outer world to the institute. This portal provides access to only authorized users. The web application helps admin to generate report regarding accreditation (NAAC, NBA) based on database

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