Alumni Database Management System

Abstract- The main aim of the project is to build an interaction between alumni, admin and the students; a system that will be able to manage alumni data of a college and provide easy access to the same. The alumni will also be interested to maintain relations with their institutions. Alumni can communicate to the students regarding job opportunities and the students can share the department technology activities to the alumni. The alumni and the student can communicate only through the admin permission. A system that will be able to manage alumni data of a college and provide easy access to the system. Access to the system can help them in building connections to their projects or for placements. The system will automatically list all Alumni information (name, passing year, company currently working in) and their status will be transferred from the student module to the alumni module.

I. INTRODUCTION

The greatest asset any institution can have is the Alumni system. Alumni are the people who represent the institution in the real world. Alumni website is created for the students that have graduated from the institution. This is an online website that allows former students to take advantage of the benefits and services that an institution offers after graduation. The alumni network is becoming important in the development of the institution because of their vast potential that benefits both the institution and the students. There are many benefits for being an alumni member of a college or institution. Some of these benefits are: keeping a person informed on the events that are organized by the institution, and when some important events are going to be held in the institution. Another benefit is that the information concerning a former student can easily be received and other members of the alumni community can be located without much stress. The student and alumni can communicate with each other. In the development of colleges and universities, alumni resources can be used to promote teaching and research, drive internships and employment, strengthen the multi-dimension interaction and communication of industry-university-research. Alumni management work is directly related to the amplification effect of alumni resources. The problem is that traditional alumni information management system is difficult to adapt to the huge alumni groups and the mass alumni information. This model promotes the exchange of students, teachers and alumni through alumni social networks, collects and stores mass alumni information intelligently based on multiplatform media, integrates alumni resources into employment, teaching, research, management and service, and finally achieves the efficient use of alumni resources.

II. LITERATURE SURVEY

A. Existing System:

The Existing system is a computerized system but which is maintained at individual databases i.e. in excels sheets, it's a time delay process. And maintaining all the records in Excel sheets is difficult. If they want any record, they have to search all the records. It doesn't provide multiple user accessibility and also doesn't have different user privileges. So the

system is not accessible for all the employees of the organization.

B. Limitations in Existing System:

The current system is not completely computerized and manual system in entering students and staff data and handling it. There is no centralized database maintenance. There is no easy access to the particular student's record. The student cannot easily navigate through the database.

C. Proposed System:

The Proposed system is a computerized system but which is maintained at centralized databases i.e. in automated forms it's a very fast process. And maintaining all the records in online systems database which makes it very easy to access and retrieve data from the database. If they want any record they can easily search all the records. It provides multiple user accessibility and also has different user privileges. So the system is accessible for all the employees of the organization.

D. Advantages over Existing System:

It is completely automated system in handling the college database. This system provides centralized database maintenance. This system provides easy access to the particular alumni account or his/her complete details this system provides student to easily navigate through the application for more information in a most secure manner.

III.IMPLEMENTATION

This concept is implemented as a web application so that it targets a wide range of users where the user can access the system from anywhere and at anytime through internet. The implementation is done in such a way that it reduces load on the administrator's side in maintaining the updates made by the users.

IV.GENERAL OPERATIONS:

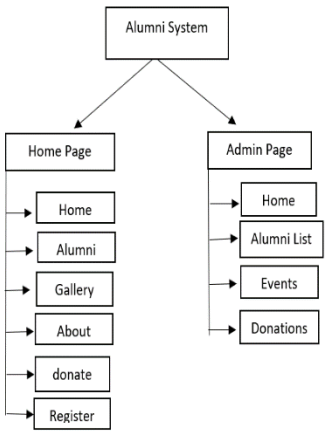
Student

- User can Register to Alumni.
- Update the Profile.
- Students can see all student's information in the alumni.
- They can see the events details.
- Students also can see the job details.

Admin users

- Has full access to all the modules of this system.
- Responsible for the accounts of all students.
- Update and delete event details.

V. ACTIVITY DIAGRAM



VI.APPLICATIONS

Alumni helps institutes strategically build and manage their alumni network, by facilitating engagement, community building, networking, communications and giving back. With our online website, your Alumni data can be centralized and combined with a host of exciting front-end member

modules and timesaving, back-end administration tools. It will also be important to the NBA (National Board of Accreditation) activities that are going to take place in our college.

VII. METHODOLOGY

As this is a complete online website, there are two technics - Frontend & Backend. Frontend means the design of the website or the designing interface of the web application. Programing languages coming under Frontend: - HTML, CSS & Java Script. Backend means server side programming; it communicates the client interface with the database and the logic control. Programing languages coming under Backend: - Php, JavaScript, etc. Also Bootstrap and CSS are used for design purpose.

VIII. 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 or a field of study. He can also look at graduates profiles. The level of profile details shown to the public is limited. By default, a public visitor can only see name and surname of a graduate, year of graduation and a field of study. The faculty endeavour's to propagate its graduates. 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. Inserted information can be used as an input for generating graduate's curriculum vitae in pdf format, which is provided automatically. It is in a graduate's competence, which information will be 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.

IX.REFERENCES

1. S.R.Bharamagoudar, Geeta R.B., S.G.Totad "Web Based Student Information Management System", International Journal of Advanced Research in Computer and Communication Engineering -June 2013, ISSN : 2319-5940
2. Sandeep Kumar, Mohammed Abdul Qadeer, Archana Gupta, "Location Based Services using Android", IEEE- 2009
3. Penghui Li1, Yan Chen, Taoying Li, Renyuan Wang, Junxiong Sun "Implementation of Cloud Messaging System Based on GCM Service", IEEE-2013.
4. N. Dahlbäck, A. Jönsson, L. Ahrenberg, (1993) Wizard of Oz studies: why and how, In Proceedings of the 1st international conference on Intelligent user interfaces, 193-200.
5. M. De Boni, S. Manandhar, Implementing Clarification Dialogues In Open Domain Question Answering, Natural Language Engineering, 11 (2019) 343-362.