Alumn Talk – Web Portal

Minal Verma[1], Nandini Mehta[2], Piyush Gandhi[3], Nihal Jamindar [4]

[1,2,3,4]Acropolis Institute of Technology and Research Indore

ABSTRACT -

Alumn Talk is a platform which develops a repository and search engine for the alumni and students at the college. This allows old and new students at a college to associate with each other and to know about each other.

Key Words: Alumn Talk, WebPortal, database management.

1. INTRODUCTION

Alumn Talk is a web-based project which connects students and alumni of a college and there they can share knowledge, opportunities with each other. Students and alumni once registered will be members of the Alum Talk. He/She can search the details of the other student/alumni.

Alumn Talk will also provide easy access to the students to easily obtain information about other registered users. In Alumn Talk students can share the information, find old friends and search for new friends. Alumn Talk portal provides the chat feature which enables students to chat without revealing their mobile numbers or personal mail IDs.

2. LITERATURE SURVEY

A. *Existing System*

There are many universities, colleges and organizations which have alumni portals. These portals are bound to the institution and are not independent, they are not allowed to try new ideas, due to this it lacks creativity. These platforms are dependent on the institution for the data.

Many colleges maintain present and old students manually. Re-collecting this data in the manual system is very difficult. If a student needs any data about old students, they have to approach college management. Overall collecting the information is a very tedious task in this system.

B. *Proposed Model*

Alumn Talk is a system which manages the records of the students and alumni. The alumni can be a help to the college in their expertise files of study from the outside world giving students guidance and updating them about the current happenings. It not only concentrates on the graduated students of the institution and but also on the students who are currently a part of the institution.

3. IMPLEMENTATION OF THE PROPOSED MODEL

HTML: HTML is used for the basic appearance of the website, which contains inputs in the form of a registration form, login page and details of a specific student using HTML tags.

CSS: Styling, which involves designing a website to attract users, is done using CSS. CSS is used for easy and efficient access to styles that are generally paired with HTML for most websites available. It is paired with HTML and CSS for a responsive front-end (client side).

SQL: We use structured data that is easy to manipulate in a database management system, SQL is preferred over other databases. SQL is considered to be one of the oldest methods of storing large data in tables, which prevents data duplication. The RDBMS concept is used to provide relationships between each table to retrieve structured data across multiple tables.

4. FLOW OF THE PROJECT

This system is divided into two sides.

i. Admin User

Login access is provided for security, authentication, and individuality purposes. The administrator has access to the individual data of a specific graduate. The administrator wants to track updated personal data. Along with this, it also focuses on managing alumni-related events or job offers if required

 ii. Alumni User

Graduates are required to update their personal information for records. They have access to view and post job offers or events on their personal dashboard. They can also post any job openings in their field for the benefit of other alumni and students.

iii. Student User

Student are required to update their personal information for records. They have access to view job offers or events on their personal dashboard provided by alumni. They can also view any job openings.

5. Methodology

Frontend: Programming languages coming under Frontend: - HTML, CSS & Java Script. Frontend will be used to display the content to the user. The frontend is the visible page for a user either student or alumni which will provide an interface to access the backend services in a managed way. This will be done using HTML, CSS & JAVA SCRIPT, etc.

Backend: Programming languages coming under Backend: - JavaScript, Nodejs, etc. Also Bootstrap and CSS are used for design purposes. The interaction that the user has with the website is handled by the backend. Backend is essentially a technology that supports the frontend of a website. It offers interactivity with the data stored in the database and offers the users a wholesome experience.

Database: DBMS will be used to store the data provided by the user, store it in a manner for the efficient access of the data when asked for it. There are main task and feature of this application which are being managed by DBMS:

1) Registration/login and Profile update: Data generated during user registration on the portal will go to the DBMS and can be maintained for future verification and for further updation.

2) Interactive communication: This portal will provide different chat rooms or private chat features for different technical backgrounds. There will be a forum section provided to both students and alumni for their communication. These all features are being managed by DBMS.
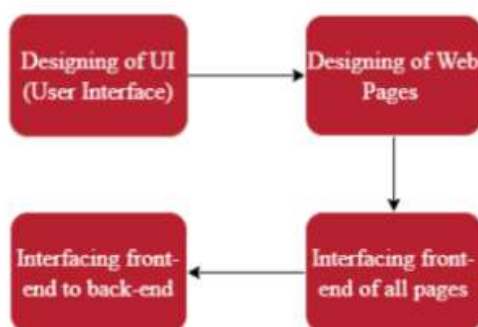

Fig – 1: Flow of methodology

6. FUTURE SCOPE

Most institutions depend upon sponsors to host events such as fundraisers, galas and shows. Alumni management platform makes fundraising through an alumni network extremely simple as the institution needs to simply post a request and each member will then receive a notification about it. This can help streamline event management.

1. Scalability: At the start, alumni and students of an institution are connected via this platform. With time other universities students and alumni can also access this platform. This platform will allow professors to register themselves and can use the services of Alumn Talk.

2. Resume/CV Upload feature: One of those services is to help the graduated students to get employed. The alumni and students will be able to submit a CV and companies will be able to access those CV's, the alumni office would be able to help the graduates get employed without any direct interference.

7. RESULT

Fig – 2: Screenshots of the Web page

7. CONCLUSION

The "Alumn Talk" website is a fully functional website which is a time saving, easy to use, efficient way of managing relatable data, making it for the institution to connect with them easily and updating them about the ongoing activities of the institution. Automating techniques to some extent can increase feasibility in order to increase functionality in the further development of the website. This can also include updating the user interface to the latest standards and keeping it agile to bring in faster changes with less modification in the original website and still getting valuable outcomes.

8. REFERENCES: -

[1] L. Meng, "College Student Management System Design Using Computer Aided System," 2015 International Conference on Intelligent Transportation, Big Data and Smart City, 2015, pp. 212-215, doi: 10.1109/ICITBS.2015.59.

[2] W. Khan, W. Ahmad, B. Luo and E. Ahmed, "SQL Database with physical database tuning technique and NoSQL graph database comparisons," 2019 IEEE 3rd Information Technology, Networking, Electronic and Automation Control Conference (ITNEC), 2019, pp. 110-116, doi: 10.1109/ITNEC.2019.8729264.

[3] Tarun Kumar, Yeeshu Prateek, Prajwal Atharga, Dr. Rajashekarappa, Prof. V. K. Parvati, 2019, Alumni Database Management System, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) NCRACES – 2019 (Volume 7, Issue 10),