

Network Connection and Analysis

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Abstract: *The typical social space available to users can provide a more personalized and interactive experience for educational purposes. The increasing demand of engineers in every industry around the world makes it very important for the students to be familiar with practical usage of technologies that are taught in the college and also to know about the latest technology and projects that the industry works with. Therefore, a platform that allows students to communicate with experts in their field, as well as analysis about people: working on various technologies, currently employed and their location will help them understand current trend. In this project exclusive for the college a social networking site has been created whereby students, faculty and industrial people from the industry would be able to socialize and share their knowledge with analysis on different parameters. Also, it would be a hub to share information about all the ongoing activities in the college campus. This paper describes the features implemented in this project and presents a glimpse of how the website works.*

Keywords: Network connection

I. INTRODUCTION

In today's world, networking is essential to advancing our careers. If we have a strong network, we can acquire excellent recommendations and current information about our domain. Since they are aware of industry trends and we can communicate with them, our graduates play a significant role in this network. So, we've developed a social Networking website, to unravel this drawback and facilitate students to make a high-quality network. The web app can give an additional customized and interactive means of networking and communication between their alumni network, professors and classmates. A university connect (social networking site) is created whereby students, lecturers and alumni will socialize, interact and communicate with one another along with getting analysis about people: working on various technologies, currently employed and their location etc. This can even be a hub for sharing info regarding varied different opportunities like: internships, and jobs, and additionally meet with those who are consultants in a very specific domain and therefore the events organized by them.

1.1 Motivation

Today's students are tomorrow's alumni and future university supporters. In recent years a lot of importance is given by institutions in building alumni networks worldwide, understanding the significance of mutual benefits. One of the major challenges faced by alumni associations is tracking alumni. Alumni Association Portal serves as a platform for communication and connection between current students, alumni from outside the institution, and the institution itself while also providing information on internship and employment opportunities. This will largely assist students to find job opportunities: To create a great career. It will also help colleges to track the laurels of alumni: students can draw inspiration from it.

II. LITERATURE SURVEY

2.1 Comparison of various social networking sites

We have gone through the features of various social networking sites and made a list of some basic functions which are or are not available in these sites. This analysis helped us to understand which social media we can refer to in order to add our desired features.

The following table provides an overall summary for some of the most popular sites.

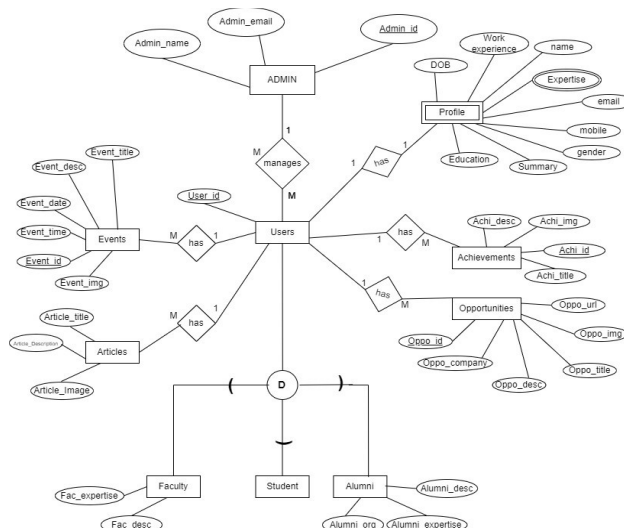
Table 1: Comparison study

	Facebook	Twitter	Reddit	LinkedIn
Description	Largest social network with wide appeal	A platform where people get updates about people/organization they find interesting	Focuses on music, art and there entertainment	Focused on connecting professionals with the purpose of sharing information and opportunities
Privacy settings	Privacy settings are highly customizable, allowing users to decide which information to share with which users	You can choose either public(default) or private account	Users between 13-15 are automatically private accounts. Older users can choose private or public account	Privacy settings are highly customizable, allowing users to decide which information to share with which users
Video Sharing	YES	YES	YES	YES
Private Messaging	YES	YES	YES	YES
Chat Feature (Public)	YES	NO	YES	NO

2.2 Potential of social networking sites in education

As this social networking website focuses on collaborative teaching and learning, the above-mentioned analysis has been done to come back across the positive and negative impacts of SNSs that formed the premise to help us in controlling our SNS. In this analysis, it absolutely was found that Facebook started in the campus of Harvard university. Its usage was exclusively designed for the members of the campus. It intended to incorporate alternative academic institutions like colleges, universities, colleges and organizations. it absolutely was conjointly noted that several librarians had joined Facebook for social reasons but shortly it absolutely was conjointly used for promotion of education and library connected events. To add to that, there are alternative psychosocial advantages of SNS like the facilitation of identity exploration, facility of social cognitive skills such as “perspective taking”, and to meet the requirement for social support, intimacy, autonomy, etc.

2.2 Entity Relationship Diagram



III. CONCLUSION

By making this web site for college, it's aimed to strengthen the communication among users and make field life more spirited and exciting by combining academics and extracurricular activities. This social media platform can become a great asset for the university and may be used for varied productive purposes. This social networking website is often additionally expanded to all or any of the engineering faculties within the town whereby all engineering students and colleges would be ready to connect and share their knowledge with one another. This will significantly help students locate employment opportunities: to build a successful career. Colleges will also benefit from keeping track of alumni accomplishments since students can find inspiration from them. Future potential for this web application include creating high-quality networks (industry experts, alumni, college students), fostering social relationships, and exchanging information about internship and employment opportunities.

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