



Campus Connect

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ABSTRACT: -

The purpose of this web application is to establish a social network system between students and faculty members through a website. The project documentation outlines the scope, functionalities, requirements, and feasibility of this networking system. The objective is to create a website that facilitates communication between individuals on a network, similar to social media sites. Additionally, the website will offer the ability to write and post events and messages in a centralized location. The system will be managed by an administrator who can oversee both student and faculty use.

Key-Words: - Campus Connect, College Social Media Network, Social Media Website

I. Introduction

Campus Connect is exclusively designed for college students, offering similar functionality to popular social networking platforms. It provides students with a platform to share information and seek solutions to issues they may face on campus. Users must create an account to access all of its features, including updates related to the college. The project aims to enhance student engagement and facilitate communication among the student body.

II. Problem Formulation

Problem Statement :

The main purpose of a campus social network system is to encourage knowledge sharing and creation among students, faculty, and other members of the campus community. This is achieved through various core functions, such as supporting online communication, collaboration, and sharing of information related to learning, teaching, and research activities. Knowledge sharing and creation are interrelated and are both facilitated by the use of a social network system. As the system is limited to campus activities, it is more likely to be used by faculty members who are active users of emerging internet services, including social networking sites.

III. Literature Review

Social networking services have become immensely popular in recent years, and are considered the third revolutionary application of the Internet, after search engines and Web 2.0 applications. However, existing social networking sites such as Facebook and Instagram can be time-consuming for users due to the abundance of features such as stories and reels. In our project, we have not implemented such features to avoid wasting the user's time.

In addition to being time-consuming, the existing social networking sites may also pose privacy and security risks to their users. Many users may not be aware of the personal data they are sharing on these platforms, which can be exploited by third-party apps or advertisers. Moreover, social media addiction is becoming a real concern, with users spending hours scrolling through their feeds instead of focusing on important tasks or engaging in meaningful interactions.

Our project aims to address these limitations by providing a streamlined social networking platform specifically designed for college students. By omitting unnecessary features and focusing on core functionality, we can provide a more efficient and effective tool for communication and knowledge sharing among campus members. Additionally, we can ensure that users' personal data is protected and that their online interactions are safe and secure.

Our platform also offers unique features that are tailored to the needs of college students, such as class-specific discussion forums, campus event listings, and student group pages. By creating a more targeted and focused platform, we can enhance the quality of interactions and encourage more meaningful engagement among users.

Overall, our project seeks to provide a more user-friendly, efficient, and secure alternative to existing social networking sites. By catering to the needs of college students and focusing on core functionality, we can create a platform that encourages knowledge sharing, collaboration, and meaningful interactions within the campus community.

IV. Methodology

The Admin Module of our campus social network system offers a range of features and tools that are designed to help the admin manage the platform effectively. To begin with, the admin can log in using their unique username and password, which provides secure access to the system. Once logged in, the admin can view a dashboard that provides real-time data on the total number of users, posts, and spam posts on the platform.

The admin has the ability to post content on the platform, which can be viewed by all users. They can also view and interact with posts that have been created by other users. In addition, the admin can delete spam posts to ensure that the platform remains clean and relevant.

One of the key features of the Admin Module is the user management functionality. The admin can view the profile of individual users and communicate with them via chat. They can also delete user accounts if necessary, in order to maintain the quality of the platform. Furthermore, the admin has the option of adding other admins to the system, which can help to distribute the workload and improve the efficiency of the platform.

Overall, the Admin Module is an essential component of our campus social network system, providing the admin with the necessary tools and functionality to manage the platform effectively. By enabling the admin to control user activity and content, we can maintain a safe, secure, and relevant social network that meets the needs of college students.

In the User Module the System allows the Students to Login with Username and Password there is a Menu Bar Provided with the Menu items such as Home where Students can Post Images and Post on the News Feed and the Students can also change their Details and Message a Friend. User can also like and comment on the post shared by their friends and message them

Our project is implemented using following languages:

1. React
2. NodeJS
3. MongoDB
4. ExpressJS

V. Result Discussions

Following are the outcomes of the project:

- 1) The project aims to provide registration and login functionality to users.
- 2) Users will have the option to follow other registered users on the platform.
- 3) The project will allow users to chat with other registered users on the platform.
- 4) Users will be able to like and comment on posts shared by other registered users they follow.
- 5) The project will have a feature that allows the admin to delete spam posts on the platform.
- 6) The admin will have the ability to manage users on the platform.
- 7) The admin will have the option to chat with users on the platform.
- 8) The admin will have the ability to post content on the platform and also interact with other posts on the platform.
- 9) Users will be able to create and publish their own posts, including text, images, and videos, on their profiles.
- 10) Users will have the option to search for other users and view their profiles, including their posts, followers, and following list.
- 11) The platform will send notifications to users for new followers, likes, and comments.

VI. Conclusion

Our project offers several advantages to students, such as the ability to make new friends quickly and easily, stay updated on new ideas and perspectives, and share and obtain knowledge through the application. Students can also join groups based on their interests or topics, and highlight issues affecting them or their college community.

Additionally, registered users can chat with each other, like and comment on posts shared by others they follow, while the admin has the ability to manage users, delete spam posts, chat with users, post and like content, and overall ensure a positive and productive experience for all users.

1. Our social networking platform allows students to easily make new friends and expand their social circle within a short period of time.

2. By staying connected through the platform, students can stay up-to-date with new thoughts and views, and benefit from exposure to a wide range of perspectives.
3. The platform provides an excellent opportunity for students to share and obtain knowledge on various topics, thereby facilitating learning and personal growth.
4. Registered users can chat with each other, helping to build and strengthen relationships within the campus community.
5. The platform enables users to like and comment on posts shared by other registered users they follow, thus fostering engagement and interaction among users.
6. The admin module allows the administrator to effectively manage the platform, including the ability to delete spam posts and ensure a safe and positive user experience.
7. The platform offers the convenience of user management, with the admin being able to manage users, view their profiles, and chat with them as needed.
8. The admin module also enables the administrator to post content and like other posts, further contributing to the community and facilitating interaction among users.
9. In addition, the platform allows users to join groups based on their interests, enabling them to connect with others who share similar passions and to highlight issues affecting the college community.

Acknowledgment

We would like to express our sincere thanks to Prof Anurag Punde, for his valuable guidance and support in completion our project.

We would also like to express our gratitude towards our HOD Dr KK Sethi for giving us this great opportunity to do a project on topic Campus Connect. Without their support and suggestions, this project would not have been completed.

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