

Social Media Application

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Abstract: *The invention of Computers and Internet have opened endless opportunities for us to automate and simplify our everyday lives. Social Media Web Application is one among those facilities that can revolutionized meeting and staying in touch with people no matter the distance, by using the Internet. It is a platform to create and build new relationships among people who, for example, share similar interests, hobbies and lifestyles. A social media/network consists of an illustration of every user (often a profile), his/her social links, and a range of additional services. Most social community services are web-based and provide means for users to interact over the Internet, such as e-mail and instant messaging. Online community services are from time to time viewed as a social community service, although in a broader sense, social network service usually means an individual-centred service whereas online community services are group-centred. Social networking sites permit users to share ideas, pictures, posts, activities, events, and hobbies with people in their network.*

Keywords: Social, Web Application, Social media, Real-time chat

I. INTRODUCTION

A Social networking is developing greatly in India and rest of the world with more and more users becoming a member of it each and every minute[1]. On these kinds of networks, we meet up acquainted individuals or total strangers whom we share similar interest with. If the trend earlier was making associations and groups physically, the current era believes in making online communities and forms to talk about problems associated to a number and diverse topics. Social networking applications no longer only permit users to mingle with exceptional people; it additionally helps to spread social interest and essential information in a quicker and less difficult way[1]. People can search for long lost friends or family members and can get back in contact with them via this site. This can also be implemented on a smaller scale and be used exclusively for a certain organisation's members which could have benefits such as helping in team building and a place to interact and mingle between organisation members only.

II. LITERATURE REVIEW

By looking at the existing system we can understand that social networking is developing greatly in the world with more and more users becoming a member of it each and every minute. On these sorts of networks, we meet up acquainted folks or complete strangers whom we share similar hobbies with[2]. If the trend in the past was making associations and getting to know one another physically, the modern generation believes in making online communities and forms to speak about problems related to a variety and diverse topics. The existing system is developed such that a registered person maintains his/her very own profile and can additionally search for other related peer profiles over the application. A user or person can register their account on the website and post images, share their thoughts via posts and send messages to each other[2]. Social networking applications no longer only permit users to mingle with exceptional people; it additionally helps to spread social interest and essential information in a quicker and less difficult way. People can search for long lost friends or family members and can get back in contact with them via this site.

III. OBJECTIVES AND GOALS

The main objective of the project is to create and build new relationships among people who, for example, share similar interests, hobbies and lifestyles. A social media/network consists of an illustration of every user (often a profile), his/her social links, and a range of additional services. Most social community services are web-based and provide means for users to interact over the Internet, such as e-mail and instant messaging. Social networking sites permit users to share ideas, pictures, posts, activities, events, and hobbies with people in their network.



IV. DESIGN & IMPLEMENTATION

The website is having mainly 2 modules- admin module and user module. Once the administrator logs in, he will get the access to the information related to total number of posts, likes, comments and accounts created. All these options have functionalities as their name suggests. Like, the administrator can verify accounts, block accounts and manage accounts with the given functionalities. In special circumstances, the admin is also allowed to access the accounts in case the accounts have been misused [2]. The users can register their accounts by providing the required credentials. But to gain access and use the account, the account must be verified. There are two ways of verifying your account. One being by using the 6-digit code sent to your email ID or having the administrator verify your account. After that, the registered users can create posts, attach images in their posts. Other user who has followed can like and comment on the posts. Users can also message their followers or users they are following via the real time messaging feature. Users can also unfollow users and block users whom they wish to[2].

V. DATA FLOW DIAGRAM

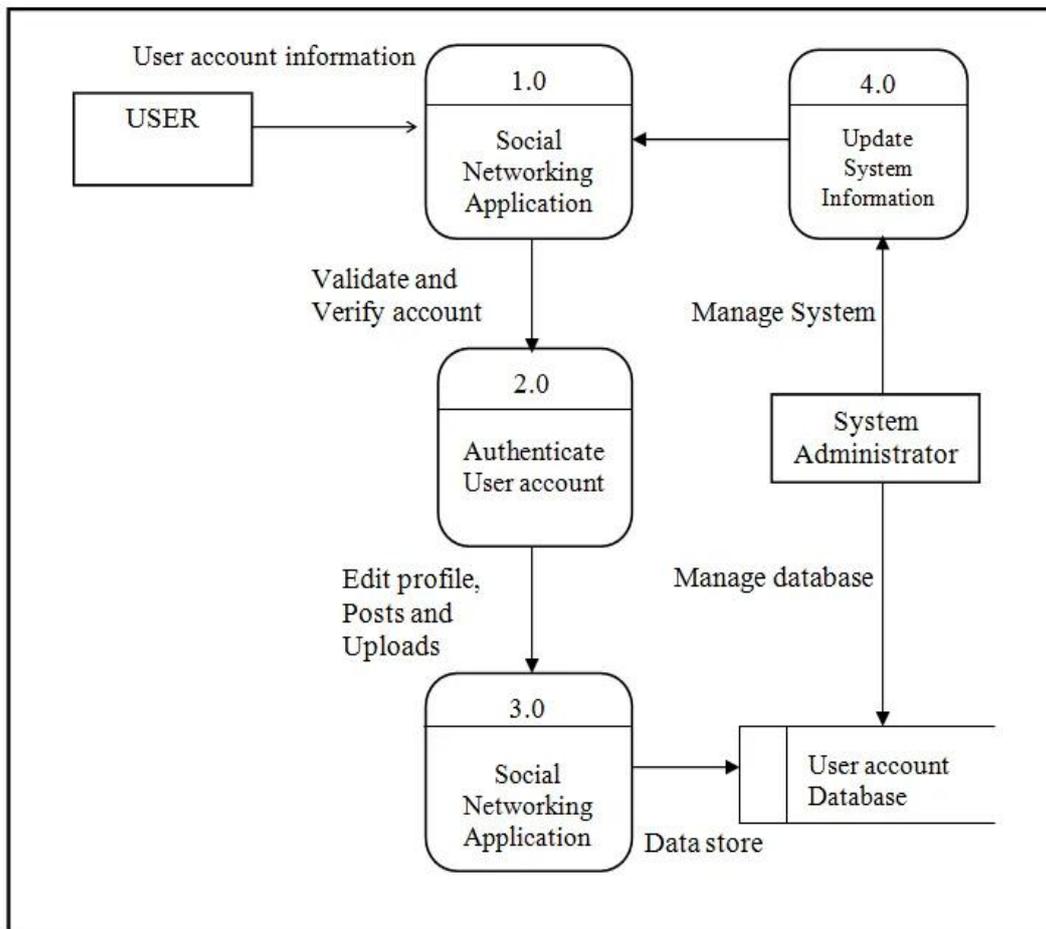


Figure: Data Flow Diagram

The user registers their account by submitting the requested credentials. The user can either verify their account by entering the 6-digit code or by having the admin directly validate their account. Upon verification, the user can use their account, and can edit their profile, upload posts. The user’s account details will be registered in the database. Only the admin has access to the database and can oversee the actions taken by the users on their accounts.

VI. CONCLUSION

This project is going to aid in implementing a means of socializing in a smaller and much compact scale according to the requirements of the organization or institutions. Since it also has security facilities such as two methods of verifying accounts, there are lesser chances of accounts spamming and fake registrations since the admin oversees and monitors

the activities and the accounts. Since it has all the required features such as real time messaging, posting, uploading images, liking and commenting on posts, and as such features.

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