MeChat: A Social Networking Website for Instant Messaging

Miss. Poonam S. Tatte & Prof. Krutika P. Bang
Department of Computer Science & Engineering, H.V.P.M's COET, Amravati, India

Abstract—This project MeChat aims for providing a good communication interface for the people who want to be in touch with each other. It can cut down the time of time spend on routine communication tasks. Its successful implementation makes easy the job of user. The basic problem is that the users communicate or make correspondence only through post, as their units are located in remote areas. This method of communication is very slow in nature and it is not reliable. Therefore the solution for this problem is to develop a communication channel that meets the need of the people.

Basically, the computerized solution is for improving the services as well as self-efficiency of the computer. The objective of the system is for meeting the needs of the user in the society for communicating with each other within their units. This application provides basic requirements such as messaging Management and File transfer. It also has enhanced features Administrator Accounts, Manage User Accounts.

The super users of the system are the “ADMIN” and the “USERS” of the different purpose allocated by the admin in an community. The MeChat System is very user-friendly application

I. INTRODUCTION

The urge of communication with people for personal as well as commercial use has given rise to the invention of websites which we call now as social networking services (SNSs). The SNSs had not only been a part of personal growth and had been a boon to IT industries, educational institutions, marketing and had sought the attention of everyone almost. There had been many kinds of SNSs since internet evolution. Most of the SNSs are incorporated into a complete and coherent concept called the SNP (Social Networking Platform). The most popular SNPs are Facebook, LinkedIn, MySpace, Tumblr, Instagram, Google+ and Friendster. The differences in these SNPs had been in terms of how it pleases the user with GUI, Privacy, privacy, structure maintenance, technological affordances, supporting a wide range of interests and practices. Platforms also vary in the extent to which they integrate new information and communication tools, such as portable connectivity, blogging, photo/video-sharing, advertising and online gaming etc. Social networking involves use of an online platform or website that enables people to communicate, usually for a social purpose, through a variety of services, most of which are web-based and offer opportunities for people to interact over the internet. As this is a relatively new phenomenon and there is no common international regulatory body, it is difficult to find an official or universally agreed definition. MeChat is a webBase messaging service for free text, voice, video, messaging. MeChat conversation-centric interface allows for ongoing, streaming chat and sharing of media, like photos and pre-recorded video messages.

MeChat message System is the system which is used to establish online communication among the users of a society at different location and within the society around the globe. The user of the society can send messages to each other in the working in different location at different locations.

II. MODULES DESCRIPTION

This project consists of different modules.

1. User Module
2. Registration Module
3. Login Module
4. Profile & Friends
5. Media & Setting

A. Registration:

Registration and signup form is useful to register new users who can join the social networks. while registering user we are taking various parameters along the profile picture. registered user can create their profile which will contain their details such as personal, educational, interest etc. Registration is completed through mobile phone number, User ID Password, or Users Personal information.
B. Login:

The Login or Sign in form on our social network MeChat is a part of master page. the login form is having basic fields email id, password, forget password. User Login is based on how you have been register. It could be user ID password, Mobile Phone Number, or Users personal information.

C. Profile:

User can set there profile information at the time of registration or could update it later after the user have set up the registration from the profile. User could set there profile picture, status, and nick name which is visible to other user. profile picture is heart of all social networking websites like facebook, whatsapp, twitter etc. for our social networking site MeChat we have create a user control to show the left side menu along with the profile picture. existing user can modify data anytime using this module.

D. Friends:

In this module, User can see the entire friend list which is added in their profile. They could add new friends and delete or block the existing friends. friend list is very important part of any social networking project then it may be facebook or twitter. the name is different on different site but the function is same. we have also created friendlist on MeChat to show the friends of users.
friend request is also a very important part of social networking website. to receive friend request we have create a user control in this user control we have shown the user name, photo along with accept and reject button. we are showing the friend request above the friend list so that changes are directly reflected in the friendlist when the user accept or reject any friend request.

E. Media:

In this module, User can see the entire media related to the photos, videos which could be view and send to other friends if required. user can upload unlimited number of images to profile and set public and private visibility.

F. Setting:

In this module, User can set or update the security information like User ID, Password, photos and other user information. MeChat also have control which shows and give friends suggestions so that we can expand our social network. also there is user control which give suggestion about the people you may know.

III. STRENGTH AND WEAKNESSES

A. Strengths

1. MeChat has a simple to use interface, is integrated with many website, can attach people through PC or mobile devices, it has many more additional features that lack other social networks. Combination with other websites and applications To enhance user experience and engage more users to use MeChat the social network has launched many features that would allow closer integration with other websites.

2. In this project one special feature is that we will forward same message to everyone at a time.

3. The MeChat web site is connected to the other social media like facebook, twitter, etc.

B. Weaknesses

1. Social network lacks of some features Even though MeChat has a broad range of features that other social networks don’t, the website still lacks: video chats, dislike buttons, ability to unsubscribe from alerts and many others.

IV. FEASIBILITY ANALYSIS

Whatever we think need not be feasible. It is wise to think about the feasibility of any problem can undertake. Feasibility is the study of impact, which happens in the organization by the development of a system. The impact can be either positive or negative. When the positives nominate the negatives, then the system is considered feasible. Here the feasibility study can be performed in two ways such as technical feasibility and Economical Feasibility.

A. Behavioural Feasibility

Behavioral feasibility deals with the runtime performance of the S/W the proposed system must score higher than the present in the behavioral study. The S/W developer should have end user in mind when the system is being designed. While designing s/w the programmer should be aware of the conditions user’s knowledge, input, output, calculations etc. Care should be also taken to avoid non-working means & buttons.

B. Technical Feasibility

We can strongly says that it is technically feasible, since there will not be much difficulty in getting required resources for the development and maintaining the system as well. All the resources
needed for the development of the software as well as the maintenance of the same is available in the organization here we are utilizing the resources which are available already.

C. Economical Feasibility

Development of this application is highly economically feasible. The organization needed not spend much money for the development of the system already available. The only thing is to be done is making an environment for the development with an effective supervision. If we are doing so, we can attain the maximum usability of the corresponding resources. Even after the development, the organization will not be in condition to invest more in the organization. Therefore, the system is economically feasible.

V. PROPOSED WORK

- This project MeChat is a text messaging communication service. MeChat is supported on Wi-Fi, 2G, 3G, and 4G data networks.

- MeChat provides multimedia communication with text messaging, broadcast (one-to-many) messaging, text message sharing, location sharing, and contact information exchange.

- MeChat supports social networking via shared streaming content feeds and location-based social plug-ins to chat with and connect with local and international MeChat users.

- Photos can be taken and embellished with artistic filters, captions, and placed into a personal photo journal for sharing with other users.

- Registration is completed through User ID and Password, or Users Personal information.

- MeChat uses green arrows to indicate whether your message was delivered and read, and you can see when your friend is typing. There's an option to email conversations, and swiping right on a chat deletes it.

- MeChat have a different feature is we can forewords one message to all friends at a time.

VI. DESIGN REQUIREMENT

Project design must be in Asp.net programming language and SQL server. It requires Microsoft Visual Studio at the front end and SQL at the back end. This software is easily updated in future, and site members should have secure login and users data must be private.

A. Minimum Software requirement

1. Visual Studio 2010
2. SQL Server 2005

B. Operating Systems

- Windows XP Service Pack 2,
- Windows Server 2003 Service Pack 1,
- Windows Vista 3, 4
- Window 7 ultimate
- Window 8.1

C. Minimum Hardware Requirement

- Processor 600 MHz processor
- Recommended: 1 gigahertz (GHz) processor
- RAM 512 MB
- Recommended: 1GB

D. For 64-bit Computer Requirement

- CD-ROM Drive or DVD-ROM Drive Required
- Video 800 X 600, 256 colors
- Recommended: 1024 X 768, High Color 16-bit
- Mouse Microsoft mouse or compatible pointing devices

VII. SYSTEM IMPLEMENTATION

Implementation is the stage in the project where the theoretical design is turned into a working system. The implementation phase constructs, installs and operates the new system. The most crucial stage in achieving a new successful system is that it will work efficiently and effectively.
X. CONCLUSION

Basically, the computerized solution is for improving the services as well as self-efficiency of the computer. The objective of the system is for meeting the needs of the user in the society for communicating with each other within their units. This application provides basic requirements such as messaging Management and File transfer. It also has enhanced features Administrator Accounts, Manage User Accounts. The super users of the system are the “ADMIN” and the “USERS” of the different purpose allocated by the admin an community. The MeChat System is very user-friendly application.

REFERENCES

[2] Pettenati, M. C., Cigognini, E., Mangione, J., Guerin, E.