

# Text Chat Messenger

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**Abstract-** Chat may refer to any kind of communication over the internet that offers a real time transmission of text messages from sender to receiver. Chat may address point-to-point communications. This text chat is asynchronous. Text based chatting is becoming an increasingly popular form of communication. This software allows people to stay in touch with friends and family throughout the day. Text message is a quick way to stay in touch with people for personal or business purposes.

**Keywords –** *Chat messenger*

## 1. Introduction

Chat may refer to any kind of communication over the internet that offers a real time transmission of text messages from sender to receiver. Chat messages are generally short in order to enable other participants to respond quickly. Chat may address point-to-point communications. This text chat is asynchronous. Chat means” informal conversation”. In our group chat messenger we have used XAMPP which is a free and open source in which X is for cross platform web server, A is for apache http server, M is for MYSQL database, P is for scripts return in PHP and P is for perl programming language.

The most significant aspect of asynchronous communications is that data is not transmitted at regular intervals, thus making possible variable bit rate, and that the transmitter and receiver clock generators do not have to be exactly synchronized all the time. Text message is a quick way to stay in touch with people for personal or business purposes. With text messaging, you can chat with a partner by typing on the keyboard and reading what they write to you on the screen.

## 2. Methodology

### 2.1 Chat

Text based chatting is becoming an increasingly popular form of communication. This software allows people to stay in touch with friends and family throughout the day .We have used XAMPP for running our software..When we open our Group chat messenger many people can login and chat with one another. Since it is a group chat number of people can chat.

### 2.2 Data Store

A data store is a repository for persistently storing collection of data, such as a database, a file system or a directory, data stored can be rendered in digital format and placed in electronic media. Some data stores do represent data in only one scheme while other data stores use several schemes for their task.

### 2.3 Data Retrieve

Data retrieval in database management involves extracting the wanted data from a data base. In order to retrieve the desire data the user present a set of criteria by a query. Then the DBMS software for managing data bases selects the demand data from the data base.

## 3. Flow Chart

A flowchart is a type of diagram that represents an algorithm or process, showing the steps as boxes of various kinds, and their order by connecting them with arrows. Flowcharts are used in analysing, designing, documenting or managing a process or program in

various fields. In this flow chat for doing chatting many user can login simultaneously and they are connected to the server. All their chats are stored in that server.

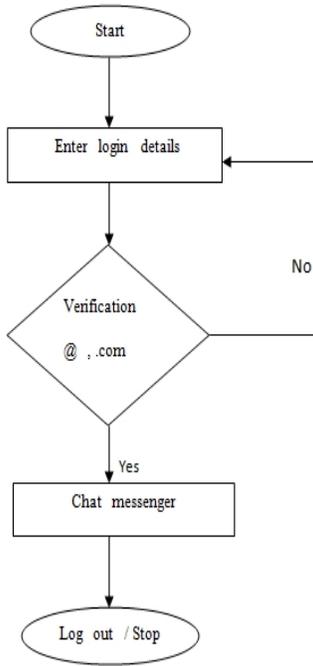


Fig 3.1 Flow chart

## 4. Figures

### 4.1 Figures

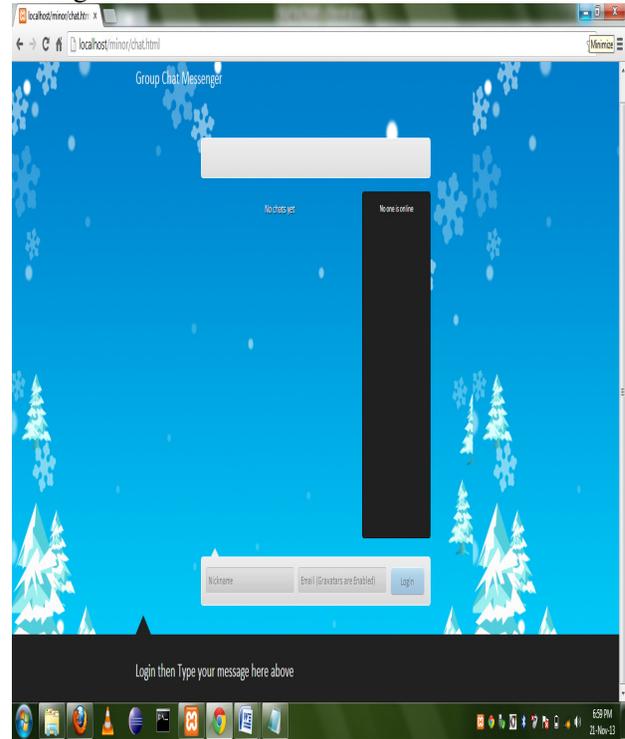


Fig. 4.1 Login/Homepage

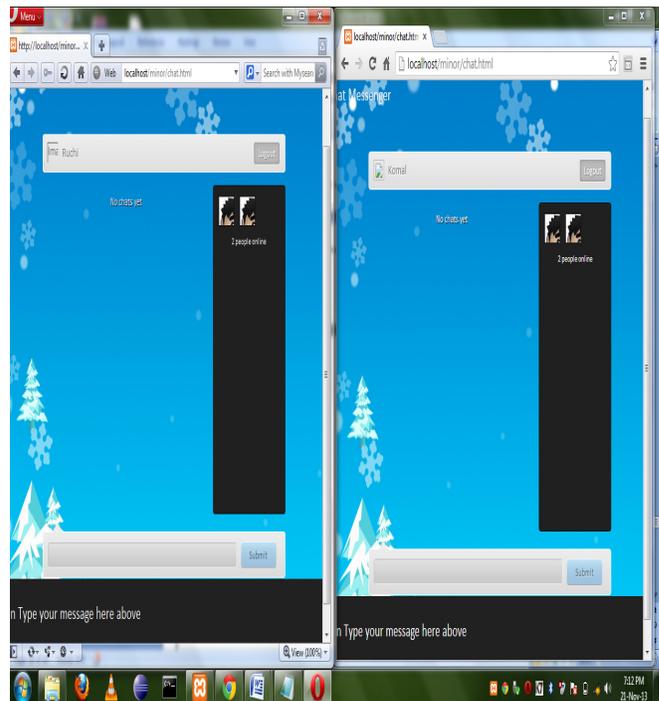


Fig. 4.2 Online Condition

## 5. Conclusions

Our project is time saving and open source. In this Group chat messenger we can chat offline with our colleagues when they are connected with LAN. Chat is a method of using technology to bring people and ideas “together” despite of the geographical barriers. The technology has been available for years. Our project is an example of a chat server. It is made up of two applications, which runs either on two PC’s or in single PC but in two browsers. To start chatting client should get connected to server where they can chat.

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