Project Proposal: Online Chat Aplication

CSE-0318 Summer 2021

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***Abstract*—This**  project is an example of chat application which is basically based on public chatting (message is broadcast to all connected users)

# INTRODUCTION

Chatting is now-a-days very useful to express our ideas as well as receive others ideas on any topic. Chats reflect the recent trends of the society. Sometimes, it is possible to meet eminent people in chatting and have their advice.

Chatting, is a method of using technology to bring people and ideas “together” despite of the geographical barriers. The technology has been available for years but the acceptance it was quit recent. My project is an example of a chat server. It is made up of 2 applications the client application, which runs on the user’s Pc and server application, which runs on any Pc on the network. To start chatting client should get connected to server where they can practice two kinds of chatting, public one (message is broadcasted to all connected users) and private one (between any 2 users only) and during the last one security measures were taken

voice communication system became down then text chatting can be done.[2] Nikita Mahajan et al. proposed their research paper on design of chatting application based on android Bluetooth, in this research and design of chatting application using android Bluetooth contains the text messaging through Bluetooth between the two android smart phones. [4]

1. LITERATURE REVIEW

A lot of Research has been carried out on chatting because it is important to know how much research has been done in chatting. Their description is as follows: Avinas Bamane et al. proposed Enhanced Chat Application, in this research paper they added a new feature in chatting which is paint tool box, with the help of paint tool box now user can create their 2D Diagram such as line, triangle, rectangle, square etc. and then can send to their online chatting partner. In previous research technique there is no such kind of function in which user can write their own diagram so writer introduce this research.[1] Maha Sabri Altemam proposed their research paper on Voice Chat Application using Socket Programming, in this research paper used socket programming to record their voice and later sending it to their communication partner, in this research paper he used text based chatting to if

# PROPOSED METHODOLOGY

Many features would be included in this project, such as

* Create an account:
* Login and logout
* Handling users
* View active users
* Chat History
* Profile picture

# REQUIREMENTS

# Language

* Front-end : HTML, CSS and JavaScript
* Back-end : PHP and JavaScript
* Database : MySQL

# Environment

* apache
* MySQL Server
* XAMPP

# CONCLUSION AND FUTURE WORK

There is always a room for improvements in any software package, however good and efficient it may be done. But the most important thing should be flexible to accept further modification Right now we are just dealing with text communication. In future this software may be extended to include features such as:

\*File transfer: this will enable the user to send files of different formats to others via the chat application.

\*Voice chat: this will enhance the application to a higher level where communication will be possible via voice calling as in telephone.

# ACKNOWLEDGMENT

I would like to thank my honourable **Khan Md. Hasib Sir**

for his time, generosity and critical insights into this project.

# REFERENCES

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