



SYNOPSIS
ON
Web-based Chat Application.

Submitted By:

Harishankar Kumar Yadav

Section : 3G (18)

University Roll NO : 191500314

Submitted To:

Mr. Kunal Goyal

INTRODUCTION

A web chat is a system that allows users to communicate in real time using easily accessible web interfaces. It is a type of internet online chat distinguished by its simplicity and accessibility to users who do not wish to take the time to install and learn to use specialized chat software. It is an application which will help to communicate with friends using in web interface. In this chat app, first we've to signup if we're new on the chat application then after successfully signed up, we'll be redirected to the users area page where users like us who have signed to this chat app will appear there with their full name, profile image, active status and so on. We can select any user to start to chat with them. We can also easily log out from the chat application by clicking on the logout button and after successful logout, We'll be redirected to the login page of the chat app and our status will be offline for other signed-up users. We've to log in with signed-up email and password to enter the chatting page again.

EXISTING SYSTEM

WhatsApp Web:

WhatsApp Web allows you to send and receive WhatsApp messages online on your PC or Tablet. You can also monitor your WhatsApp Web logins and logouts status. It's compatible with any browser out there, including Google Chrome, Safari, Firefox, and Opera. The WhatsApp Web setup is quite easy, and its visual interface is the same as the phone. There is no provision of video or voice calls on WhatsApp Web as of now. You can only send messages, files, photos, videos, check statuses, archive, and block chats using the tool.

Telegram Web:

Telegram Web is a secure messaging and VoIP service accessible on Desktop through any modern browser. Telegram client apps are available on all the major platforms including Android, iOS, Windows, macOS and Linux. Just like the other versions of the messenger, users can chat and share images, files and emojis with previously-added contacts through web-client.

USE OF THE PROJECT

- This system can be used by the multiple peoples to get the receive and deliver their message or connect with video call online.
- User can see who is online or offline mode.
- User can also use video call to connect their friends and family.

Feasibility of Project

- This can be easily eligible to any system and it does not need to add other technology.
- It is secure to use without fear of any data leak.
- It has a user friendly interface, which easy to use.

FUNCTIONAL SPECIFICATION

In this chat app, first user have to signup if user are new on the chat application then after successfully signed up, user will be redirected to the users area page where users like who have signed to this chat app will appear there with their full name, profile image, active status and so on. users can select any users to start to chat with them. user can also easily log out from the chat application by clicking on the logout button and after successful logout, user will be redirected to the login page of the chat app and users status will be offline for other signed-up users. Users have to log in with own signed-up email and password to enter the chatting page again.

**In our project , We have to do frontend, backend,
UI design and database For FRONTEND we use –**

1.HTML5

HTML stands for Hyper Text Markup Language. It's the standard markup language for creating webpages and give structure to them.

2. CSS3

CSS is short for Cascading Style Sheets. While HTML is used to create structure on a site, CSS is used to bring style and flair. It defines a site's colours fonts, and the style of other site content.

3. JavaScript

JavaScript is a language that can be used to make a site interactive and fun. You can use it to run a game on your site, to name one example.

For BACKEND We use –

1. PHP

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

Software Specification:

- Technology Implemented : HTML,PHP,JS,CSS,MYSQL
- Language Used : HTML, CSS, JavaScript ,PHP
- Database : MySQL
- Interface Design : Nil
- Web Browser : Chrome, Firefox, Microsoft Edge, etc.

Hardware Requirements:

- Processor : Minimum Dual Core
- Operating System : Windows
- RAM : Minimum 1GB
- Hardware Devices : Mobile or Computer
- Hard disk : Minimum 5gb
- Display : Any display for output

FUTURE SCOPE

As we know that now-a -days world are going online day by day. Like as in corona pandemic all peoples are stay in their home so, they can't meet people physically so, it is very important to meet people from online platform so in this situation this application is very useful and too much scope of this project. In the future also we are going to connect the world from online so it plays a great role to connecting people. People can connect to each other more efficiently.