**Project- Gen Z Chat**

Abstract

Communication is one of the most important aspects of any workplace, business, or organization. Online communication is becoming more popular today. Users can connect with others in a fast and efficient way. Generation Z loves online messaging and prefers it more convenient than in-person conversation.

Gen Z provides quick, secure, and free messaging and calling/video calling services making the conversation more interactive.

Face-to-face communication has some cons although it is one of the most preferred methods of communication. Finding an appropriate time for the meeting, the cost of organizing a meeting and few people find it unsuitable due to nervousness.

Here comes the role of the gen Z chat all of the above drawbacks can be fixed by this app since it is online, users can chat over long distances irrespective of time and place without any hesitation because there is no actual human-to-human interaction.

Although there are so many messaging applications available on the internet, why use Gen Z chat? Because it’s secured encrypted messaging services customizable themes and screen security features make it unique and different from others.

1. Introduction

1.1Background

Perhaps the best form of communication is face-to-face interaction. However, especially in crowded gatherings, it is incredibly prone to many communication breakdowns.

1) Choosing a suitable time

Finding a time when everyone is available to meet in person at large gatherings may be challenging.

2) The cost of organising a meeting

The conference organizers may need to book a costly auditorium. Consequently, if meetings are to be held frequently, this is not financially feasible.

3) Ineffective in huge gatherings

Meetings with a larger number of attendees can become quite boring, especially when one person speaks for hours at a time.

Communication becomes more ineffective when a meeting size increases because attendees are more likely to become distracted.

Messaging has become a part of our everyday lives in part due to its convenience for real-time communication and simple-to-use functionality.

A chat application makes it easy to communicate with people anywhere in the world by sending and receiving messages in real-time. With a chat app, users can receive the same engaging and lively interactions through custom messaging features, just as they would in person. Gen THE Gen Z Chat app provides a platform for chatters to converse comfortably whether it’s a private chat, group chat, or large-scale chat, adding personalized chat features to the app can help ensure that your users have a memorable experience.

1.2 Objective

The main objective of this project is to make a user-friendly chatting application that is highly secured with every message being encrypted, has an attractive user interface to make the conversation more interactive and most importantly the prime focus of the project is on security.

An improved user experience is one of the project's major goals for Gen Z chat, which also involves adding customisable themes, giving the user an option to send a pre-written message on a defined day, at a specified time, and to a selected recipient or recipients to prevent the action of capturing screenshots of chats for security concerns.

1.3.1. Purpose

The major purpose of the project is to give users a chat application that can handle millions of users concurrently when needed and is simple to use.

Users will be able to talk privately or in groups. The objective is to create a secure chat application that is concerned with the user's privacy and comfort.

1.3.2 Scope

Every user will benefit from Gen Z Chat App's customizable chatting platform, which features user-selected themes, fonts, and wallpapers. Users may have the same engaging and lively conversations as they would in person by using unique messaging functionalities. This also keeps customers speaking on this system rather than looking for another messaging option. Including customised chat features in this system may ensure that the users have a memorable experience, whether the chat is private or group chat. This project can be updated in the future to incorporate additional features, to increase the application's efficiency.

1.3.2 Applicability

Gen Z Chat App can be used by any user because of its user-friendly UI and its ease to use.

This app can be used by any individual for messaging without any concern for privacy leaks and for comfort for free.

Users simply need a phone number and must register once. In this app, users may text, share media files, make calls or video calls to friends one-on-one or in groups, and express themselves using emojis or stickers.