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Secure Voice Enabled Text Chat Application

Venkatesh B[1], Bala Kumar V[2], Jothi Mani N[3], Kirutheeswaran M. S[4]
Assistant Professor, Anjalai Ammal Mahalingam Engineering College, Thiruvarur, Tamil Nadu[1]
Final Year, Anjalai Ammal Mahalingam Engineering College, Thiruvarur, Tamil Nadu[234]

Abstract:*Both the written and audio files can be uploaded to the chat programme. Everyone carries a cellphone in the current world, however not all users have the most recent models, making the majority of native programmes incompatible with those systems. Any device, including computers and handsets, can access the online application because it is a text- and audio-enabled chat system. You can also form a group called "channel" where everyone is able to chat simultaneously in text and audio. In contrast to other chat programmes, the channel does not impose any restrictions on its users. Still, we have applications that allow for an unlimited number of members on a specific channel. but they may need some amount of money to utilise the feature or enable the feature. The application has a feature of speech-to-text conversion, so that the speech can be converted into text. The project is secured with end-to-end encryption, so the security of the application is also provided.*

Keywords: Speech-to-Text, Web Application, Chat Application, Real Time Application.

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