



A
Presentation
On

Voice Based Email Using AI

Presented By :

Miss. Daphal Diksha.

Miss. Kokare Komal

Miss. Tavare Priyanka

Miss. Ladkat Pallavi

Guide Name:

Prof. Ekatpure. K. N.

Department of Computer Science & Engineering
SMSMPITR, Shankarnagar , Akluj

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Introduction

- A voice-based email system we will design to help people send emails with Negligible use of keyboard or any other visual aid.
- The system prompts the user to perform a specific action with a voice command and the user responds to it using the voice command.
- The main benefit of this system is that the use of the keyboard is partially eliminated and the user only through his/her voice have to respond.



Literature Survey

Ref. No	Reference Paper Name	Author Name	Description
1	Voice-Based Email System	Harivans Pratap Singh , Aman Pratap Kushwaha, Aayushmaan,	The creation of this system intends to promote a sense of community among people who are blind or visually impaired by giving them access to inclusive and accessible technologies
	Voice Based Email System for the Visually Challenged	Satya Prakash , Kartikey Agrawal , Siddharth Dosaj, Shatakshi Singh	This article's main goal is to provide the suggested solution eliminates the requirement for conventional text based input techniques by allowing blind people to log in using voice instructions.
3	Voice Based Mail Attachment For Visually Challenged People	Tharani K K, Shalini R, Jeyanthi I, Dr. Deepalakshmi R,	The goal of the speech-based email system project is to create a complete system that especially addresses the needs of people who are blind or visually impaired and enables them to send and receive emails using their voice.

Problem Statement

- We are going to develop a voice based application that helps people to send emails and document files easily.



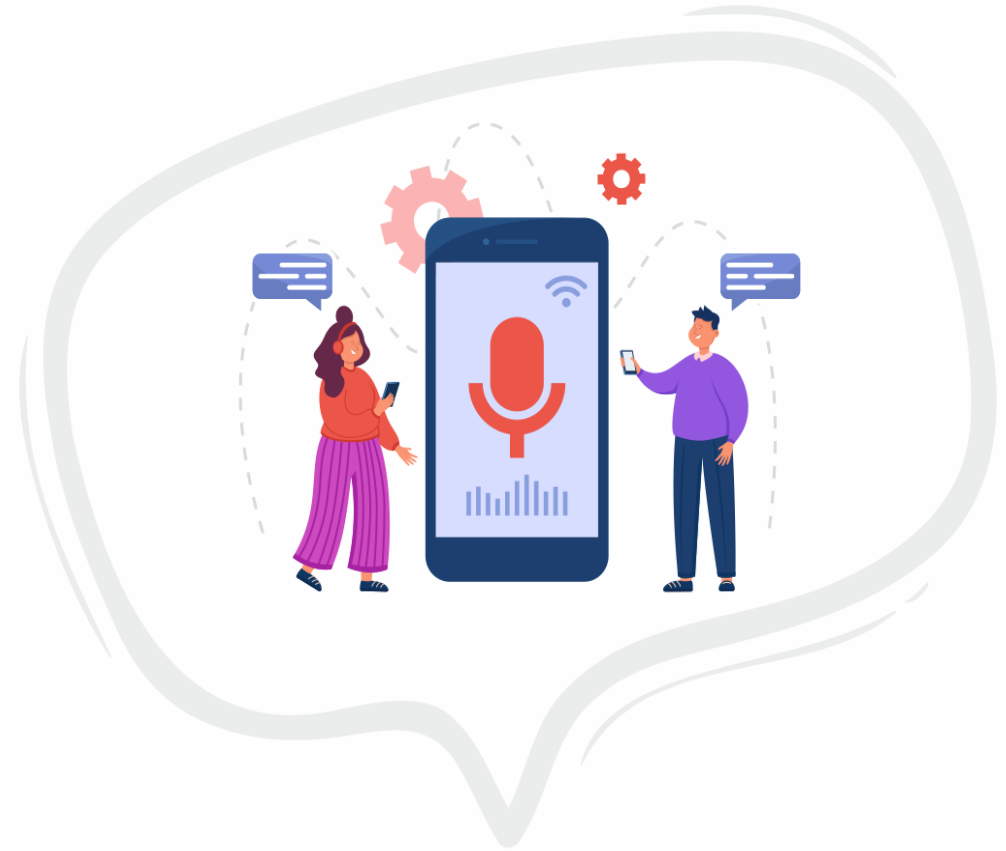
Existing System

- In the existing system emails and documents can send by using text format but in our voice-based email system we are going to use microphones to send emails and documents.



Objective

- To upgrade technology.
- To offer a reliable and effective alternative technique.
- To develop an application that helps people to send emails and document files easily.



Proposed System

- In this system there are two modules admin and user .
- In this system we are going to send email using microphone and we are going to give different types of commands like read, restart, retry, remove and we are going to add file using this system.
- We can convert text to speech and speech to text by using this system.



Software & Hardware Requirement

Hardware requirements

Processor : Intel i5 or more

RAM : 8GB

speed : 2.4GHz

Software requirements

Operating System : Windows 10 or more

Android studio : 8GB

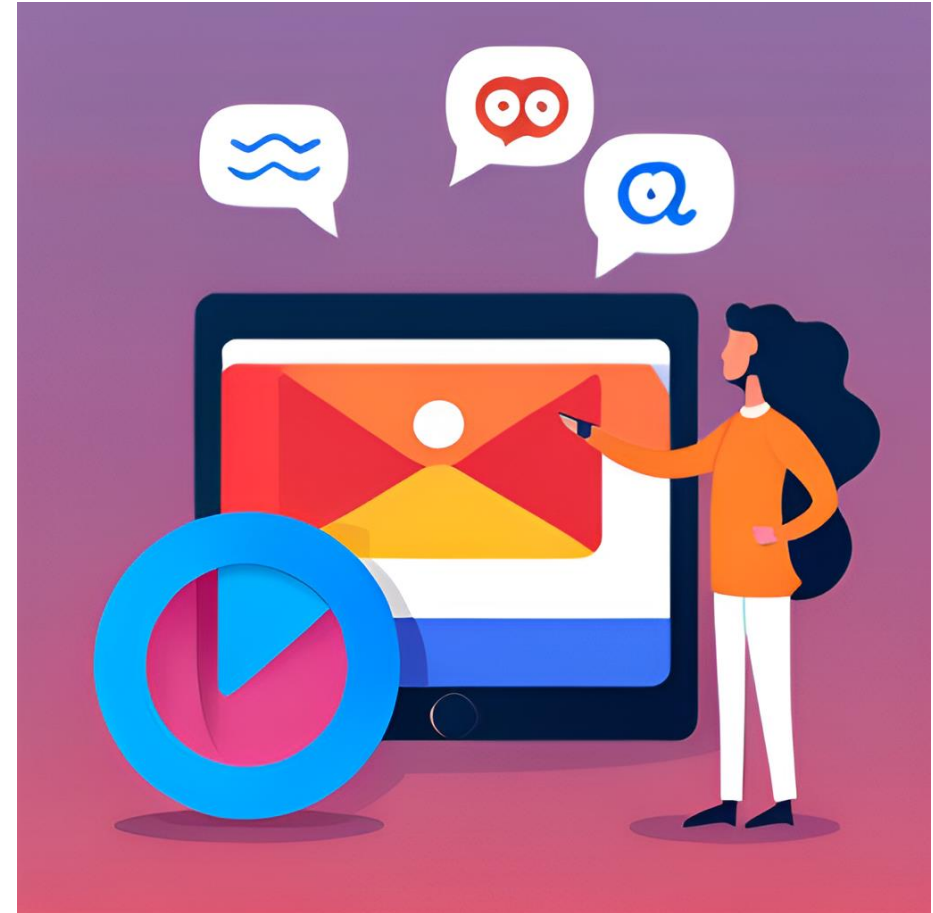
language : Python

Methodology

- A voice-based application that makes it simple for users to transmit emails and files.
- They work by using natural language processing (NLP) and artificial intelligence (AI) algorithms to understand user inputs and provide relevant responses.

Advantages

- ❖ Portable.
- ❖ Highly Faster and accurate system.
- ❖ Easy to handle.
- ❖ Less skill is required to Operate.



Conclusion

This system helps to develop an voice based application that helps people to send emails and document files easily.



Future Enhancement

Using microphone we are going to distribute this system and make sure that the system read all the content in the email.



References

- [1]. “Voice Based Email System for the Visually Challenged” by Tharani K K, Shalini R, Jeyanthi I, Dr. Deepalakshmi R, in Voice Recognition, Text-to-Speech (TTS), Speech-to-Text (STT), Visually challenged people on August 10th, 2023.
- [2]. “Voice Based Email Attachment for Visually Challenged People” by Tharani K K, Shalini R, Jeyanthi I, Dr . Deepalakshmi R, in International Journal of Computer Science and Mobile Computing *on May 8th, 2017*.
- [3]. “Voice-Based Email System “ by ¹Harivans Pratap Singh Aman Pratap Kushwaha, ¹Aayushmaan, ¹Harendra Singh in International Journal innovative science and research technology on july 7th,2021.

Thank You

