A VOICE ASSISTED TYPING SYSTEM THAT SUPPORTS NATIVE LANGUAGE

Many people, especially the physically challenged, might find it difficult to type using the physical keyboard manually which makes them depended on others. To solve this problem, we propose a system in which the blind or physically impaired can type by using their voice. The system recognises the voice input, preferably in English or Malayalam and convert it to text, which may be passed into a text editor or word editor of his choice.

The system would ask the user his language of preference and the user may speak to the system. The spoken speech is converted into text using Speech-to-Text translation. The corresponding text is pasted into a word editor, thereby providing ease of use to the user by helping him not to manually the text by hand.

KEY WORDS- Speech Recognition, Natural Language Processing, Accessibility

SL. NO.	PARTICIPANTS NAME	COLLEGE & UNIVERSITY
1	SAN BABY FRANCIS	VJCET
2	SOYAL SUNNY	VJCET
3	ABHINI M AJI	VJCET
4	RAJALAKSHMI RAJ	VJCET

WORKFLOW

11.00 AM - 12.00 PM   -   ABSTRACT PREPARATION

12.15 PM - 5.00 PM   -   BACKEND WORK FOR MALAYALAM LANGUAGE

5.30 PM - 1.00 AM   -   BACKEND WORK FOR ENGLISH LANGUAGE

1.30 AM - 4.00 AM   -   GUI PREPARATION