

OPEN HOUSE'23

Braille Computer

Abstract

- ❖ We have Computers...
- ❖ What does Disabled persons have??
- ❑ We got updated from books to computers but did People who use **braille** Update?
- We wanted to bring change in the lives of Disabled persons who use braille script .
- Our model converts speech into text and it displays it on a digital board made by us, which is capable of displaying braille language

Methodology



Speech



Computer converts text to speech



TEXT



Converts text to braille language

THE BRAILLE ALPHABET															
⠁	⠃	⠉	⠇	⠏	⠎	⠠	⠡	⠢	⠣	⠤	⠥	⠦	⠧	⠨	⠩
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p
⠋	⠊	⠋	⠌	⠍	⠎	⠏	⠑	⠒	⠓	⠔	⠕	⠖	⠗	⠘	⠙
n	o	p	q	r	s	t	u	v	w	x	y	z	⠠	⠡	⠢
NUMBERS															
⠼	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠	⠠
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Braille Script Display



Results

- This is helpful to people whose daily life depends on braille script.
- As we got upgraded from books to computers our idea is to provide a computerized model through which even disabled people can communicate.
- This could be the first step for the evolution of computers in the lives of disabled people.

Team

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