

## Our team



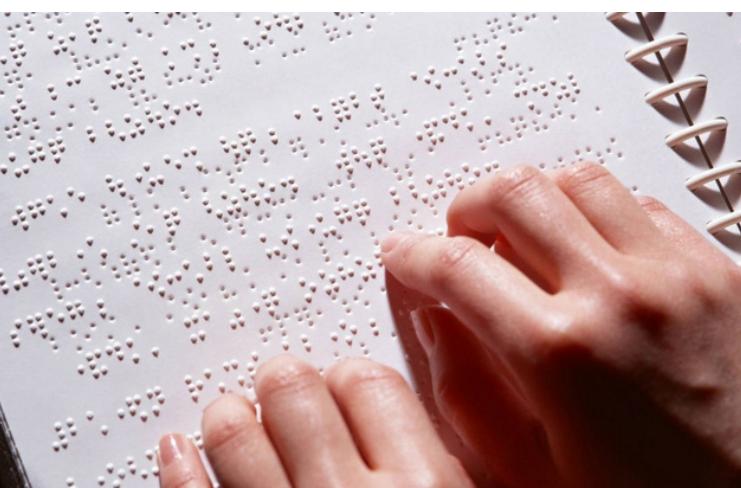
**Have you ever wondered about what it's like to live in total darkness?**

### Project authors:

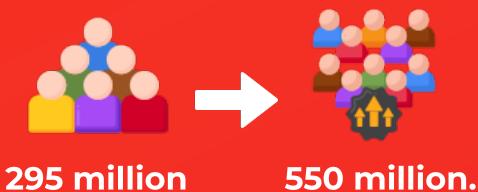
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As of 2023, globally there are 43 million people living with blindness and 295 million people living with moderate-to-severe visual impairment. According to the scientists their number will grow to 550 million by 2050, effectively doubling in numbers.



**Our goal is to create a specialized keyboard that would ease the process of typing for blind people**



**BrailleB&D**

BrailleBoard – is a special keyboard for blind people. The device works on the principle of Braille alphabet. Braille alphabet is the most employed method of writing and reading for blind and visually impaired people.

### The braille alphabet

a	b	c	d	e	f	g	h	i
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
j	k	l	m	n	o	p	q	r
••	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
s	t	u	v	x	y	z	w	
•	•	•	•	•	•	•	•	•
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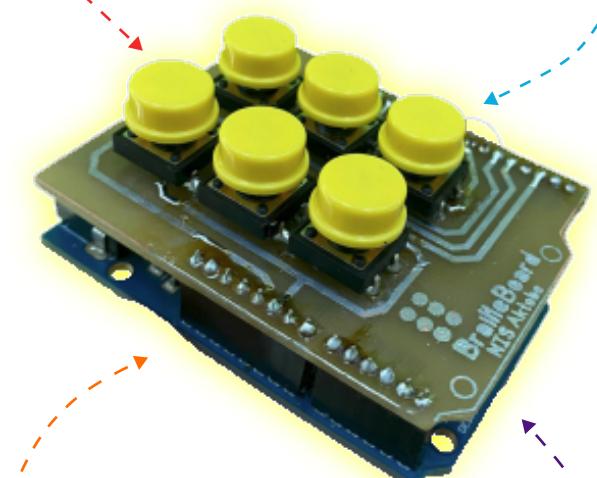
### Advantages

#### Compact

Can fit in the palm of your hand

#### Comfortable

Able to replace traditional keyboard with a better solution



#### Flexible

Has the ability to connect to multiple devices: PCs, phones, tablets

#### Cost

Cheaper compared to other alternatives on the market