



# CEPASSITANT

A PERSONAL INTERPRETER

presented by: SMARTEEZ

# Cerebral Palsy is a group of conditions that affect movement and language ability


## Speech impairment

can cause difficulty for communicating with people around them and their care givers.


## Movement problems

specially quick movements that need a lot of control, like typing can be very hard.

**Usual Digital Assistants wouldn't be very helpful for them to use.**



**"ABOUT 10,000 BABIES  
BORN IN THE U.S. EACH YEAR  
WILL DEVELOP CEREBRAL PALSY"**






# CEPASSITANT


Our application offers specialized and personalized assistance to people with cerebral palsy disorder.

# DEMO

## Hi there, Let me help you

Let's chat!

 I want to eat my breakfast.



et 



Send

Record



Feel free to chat in the box or talk into the microphone—I'll ensure your message to your caregiver is crystal clear. Let's make communicating easy and fun!  

# LET'S SEE EXAMPLES

Enter '1' to provide transcript via chat terminal or '2' to provide an audio file: 1  
Enter the transcript: read  
AI: Do you want someone to read a book for you?  
Your input: n  
AI: Do you want to read a book?  
Your input: n  
AI: Would you like your reading glasses?  
Your input: y  
AI: I would like my reading glasses.

Enter '1' to provide transcript via chat terminal or '2' to provide an audio file: 2  
audio file: walk.mp3  
transcript: Wonk.  
  
AI: Are you trying to say "work", you want to start work on something?  
Your input: n  
AI: Are you trying to say "walk", you want to go for a walk?  
Your input: y  
AI: Would you like to go for a walk in the garden?  
Your input: n  
AI: Do you want to walk to a specific place in the house?  
Your input: y  
AI: Would you like to walk to the kitchen?  
Your input: y  
AI: I want to walk to the kitchen.

# CEPASSISTANT FEATURES

## Easy to use

**Audio to text** and **predictive text** module makes Cepasisstant easy to use independently and compatible to merge with digital assistance tools like Alexa.

## Multilingual

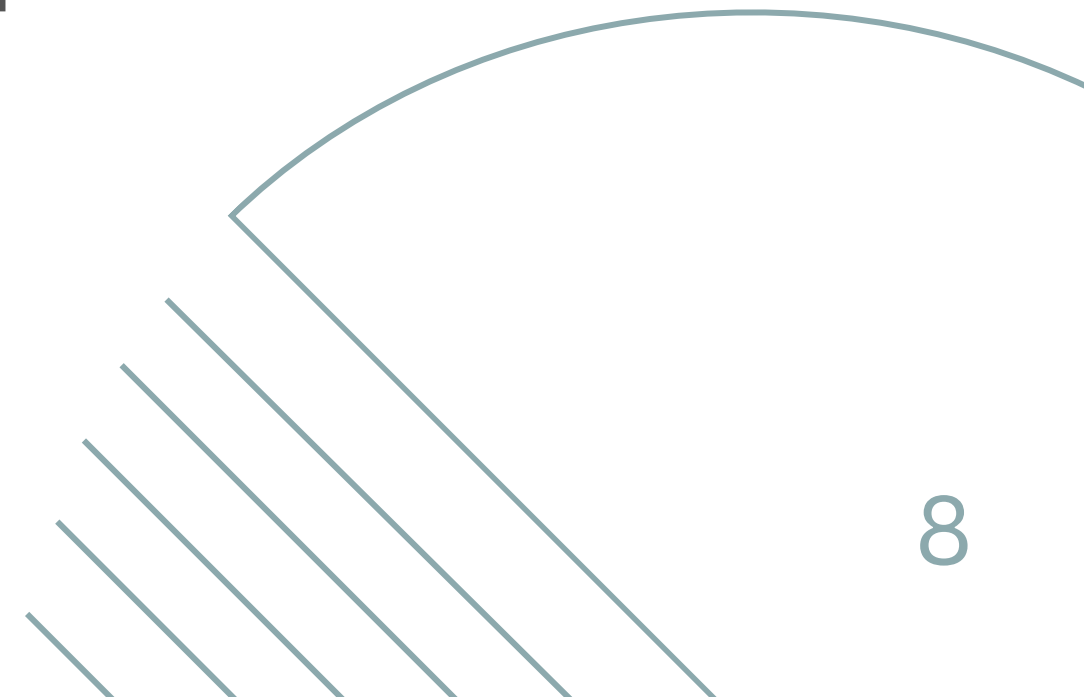
Cepasisstant supports multilingual input. So, a broad range of people can use it **world wide**.

## Personalized

**Feedbacks** of users (Yes and No) to suggestions of Cepassistant, will tailor it to the way of their communication and personalized suggestions.

# CEPASSISTANT IMPACTS

- About **17 million people** have some form of CP
- It can be used by people who stutter (**+80 millions people**)
- **Dual-functionality** of the tool can be beneficial for people with movement disorder and language impairments.





# TECH STACK



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**THANK YOU**



# REFERENCES

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