

Vi-chat



Creating a smart assistant tool helping mothers connect with their autistic children by turning chat into images

Salz21 Hackathon

Our team Clawcode



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Story



VISUAL AID FOR EFFECTIVE
COMMUNICATION AND
INTRODUCING NEW CONCEPTS

1 in 100

of children diagnosed as ASD

25-30 %

have communication problems



Problem

Autistic children

- Difficulty processing spoken language & auditory information.
- They think in pictures rather than words (Visual thinking).

so, suffering to communicate with their surroundings

Or

communicate their needs and emotions effectively.

SOLUTION



We have an easy and convenient way to make this possible.

- **Vi-chat app** will make every mother able to connect with her autistic child who prefer visual images conversation

Vi-chat

How it works ?

Input voice



Openai, (whisper Beta)
audio transcript &
translate



Transcript
Text into English



Openai,
DALL-E Beta image
creator

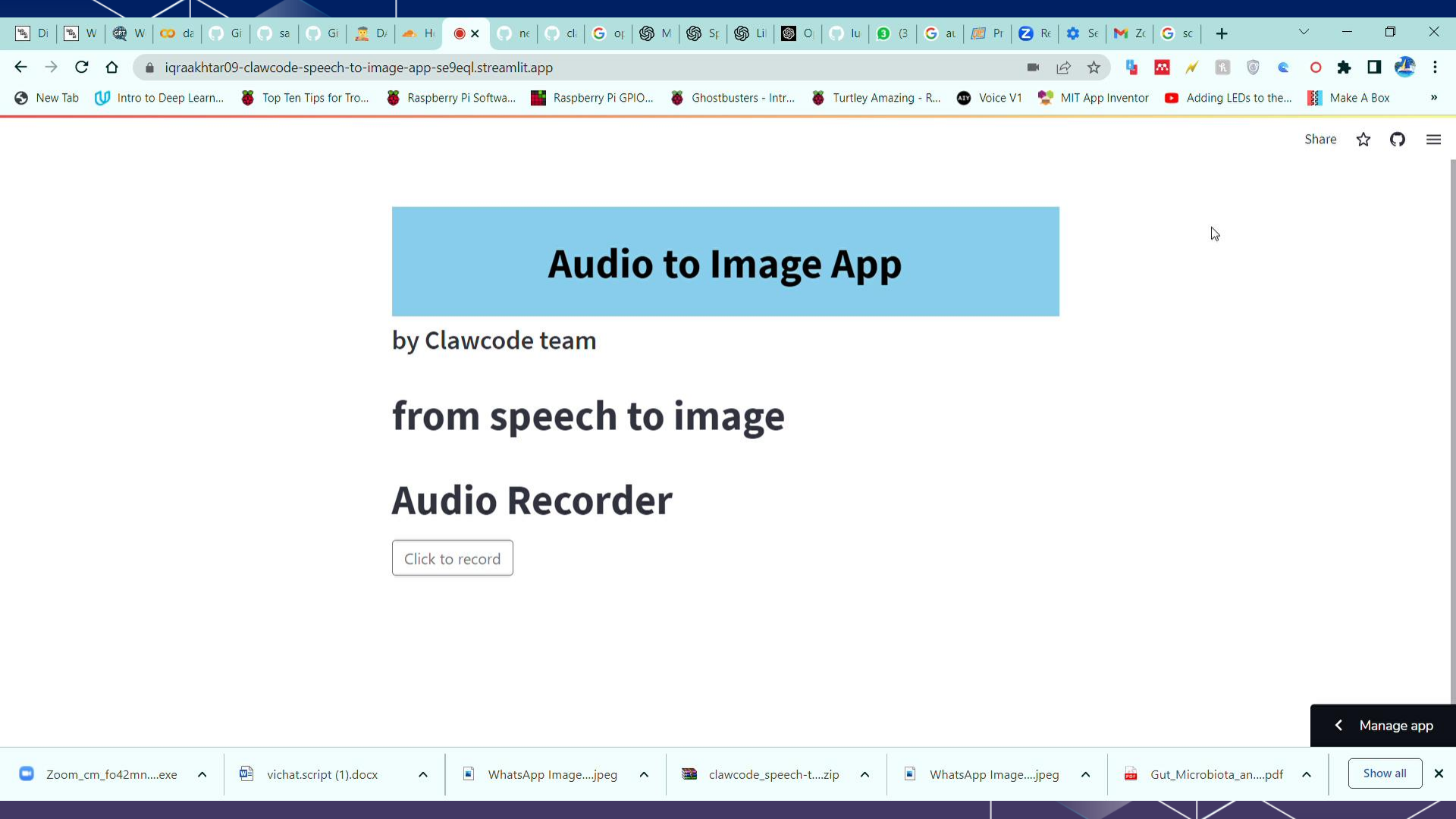


Image
output

```
1 import streamlit as st
2 import openai
3 from audiorecorder import audiorecorder
4 from PIL import Image
5 import time
6 import random
7 openai.api_key = st.secrets["OPENAI_KEY"]
8
9 # don't forget to add your personal Api key to work perfectly
```

```
24 def audio_to_file(audio):
25     file_name = str(time.time())+str(random.randint(1000,9999))+".mp3"
26     wav_file = open(file_name, "wb")
27     wav_file.write(audio.tobytes())
28     return file_name
29
30 def audiototext(file_name):
31     audio_file= open(file_name, "rb")
32     transcript = openai.Audio.translate("whisper-1", audio_file)
33     # print(transcript)
34     return transcript.text
35
36 def text_to_img(text):
37     response = openai.Image.create(
38         prompt=text,
39         n=1,
40         size="1024x1024",
41     )
42     return response['data'][0]['url']
43
```





Audio to Image App

by Clawcode team

from speech to image

Audio Recorder

Click to record

< Manage app

Show all

COMPETITORS

1



Printed images



2



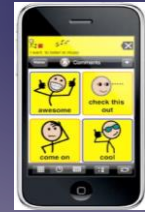
Physical Cards



3



Mobile Applications:

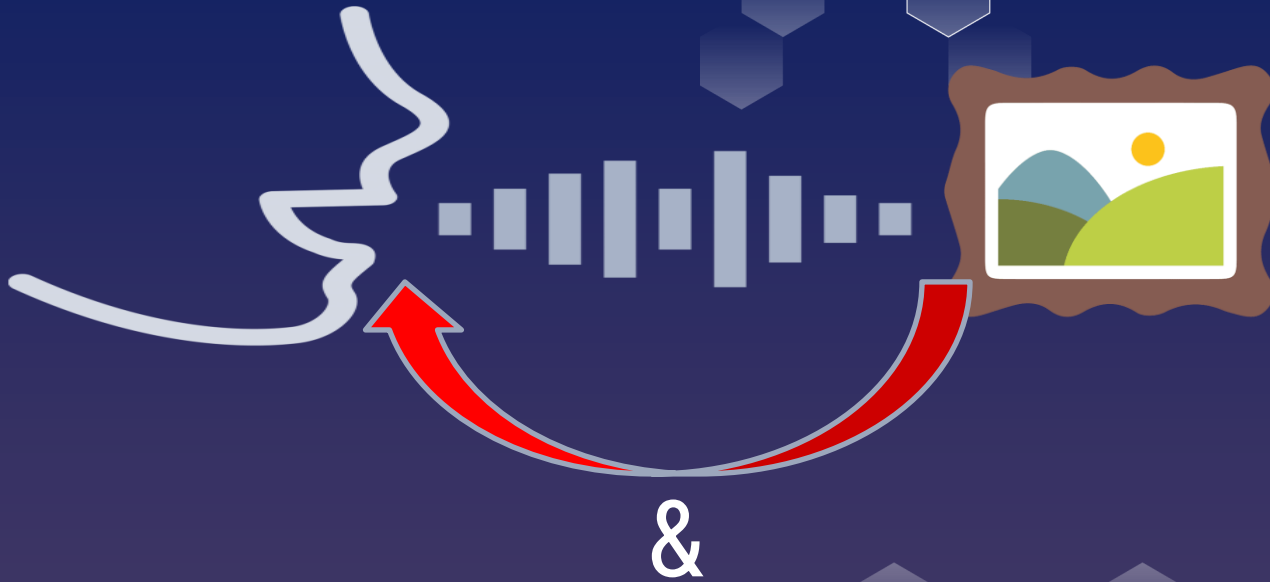


Easily generated ,
variable pictures.

Translate any
language to image.

Improve communication
and learning

Future plans



To be customized to words and vocals of
autistic child and special interests

Vi-chat

We are very proud & honored to help autistic children and
their mothers get connected together

Vi-chat is the ideal innovative solution
To communicate with ASD CHILD

Thank you

