



VoiceSee

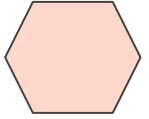
Telegram bot for visually Impaired

Powered By GPT-3.5 Turbo





Our team



Bijin Jiby



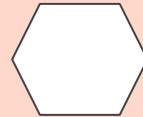
Shreyash Deshmukh



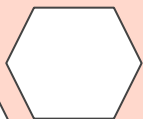
Anirudha Joshi



Manomay Jamble



"The only thing worse than being blind is having sight but no vision."

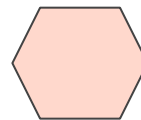


—Hellen Keller



01

Problem **vs** solution





Introduction

Our project aims to provide visually impaired people with a more accessible and affordable solution to access information, navigate new places, and seek help in emergencies.

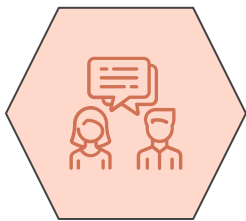
We are building a Telegram bot with audio question and answer, image recognition, and emergency calling features.

Our solutions powered by GPT-3.5, Google TTS and Twilio and many others



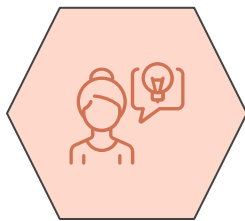


The problems



Market

284 million Visually
Impaired people
worldwide
link



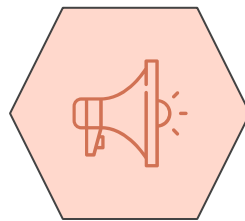
Problem

India is home to a
third of the world's
blind population



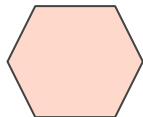
Cost

Other Devices cost
upto \$10,000



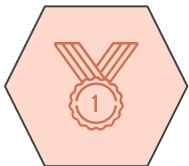
Target Market

computer vision
market is expected
to grow from \$10.9
billion in 2019 to
\$17.4 billion in 2024.





The solutions



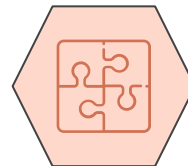
Audio

Audio question and
answer feature



Image

Send a pic and get
detailed description of
that picture



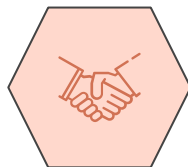
Emergency calling

Say **Help !!!** and we call
your emergency contact



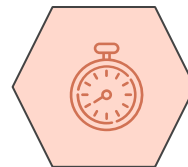
Expert System

AI can feature us as an
expert to any system
powered by GPT-3.5



Smile

A smile on their face is
all that matters



Accessibility

Accessible to all using
telegram at no added
cost



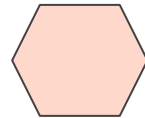
Our USP

- Say **Help!!!!** in audio sentence
→ emergency contact called
- Chat in **audio messages** and get reply back in audio
- **Visual Description** from Images

Pending Features Integrations:

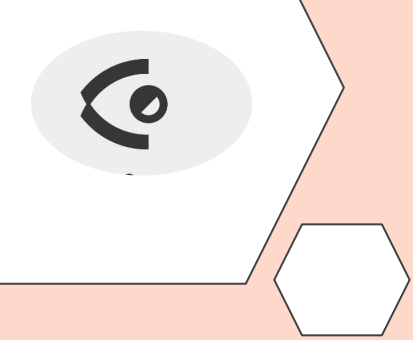
- Authentication
- Currency note and prescription → OCR
- BigBook/Document Based search engine
- Audiobook
- Automated Message and Mail send

Technology Used

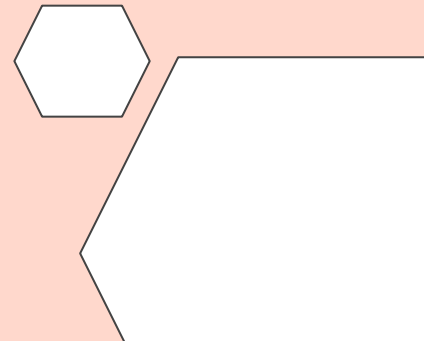


- Python
- Powered by Open AI's davinci-003
- Genre API → Generative AI Library for image description
- gTTS → google speech to text and audio library for more audio expertise
- Telegram Bot API → telegram bot development
- Twillio → powering calling and sms

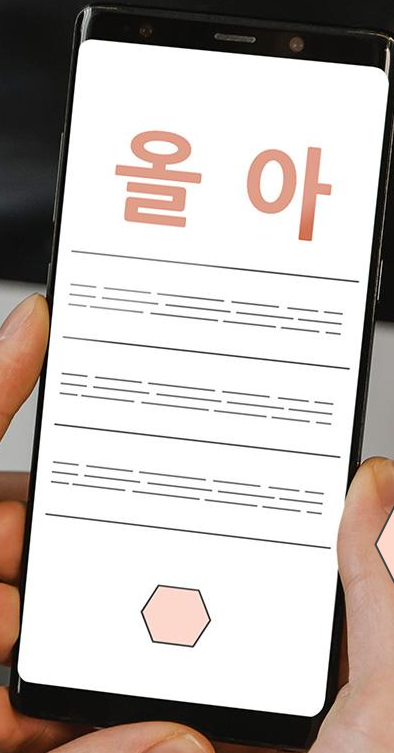




Whoa!



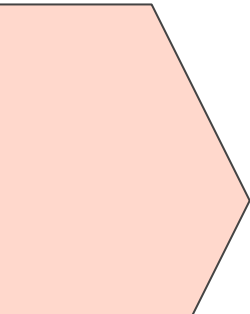
**A picture is
worth a
thousand
words**



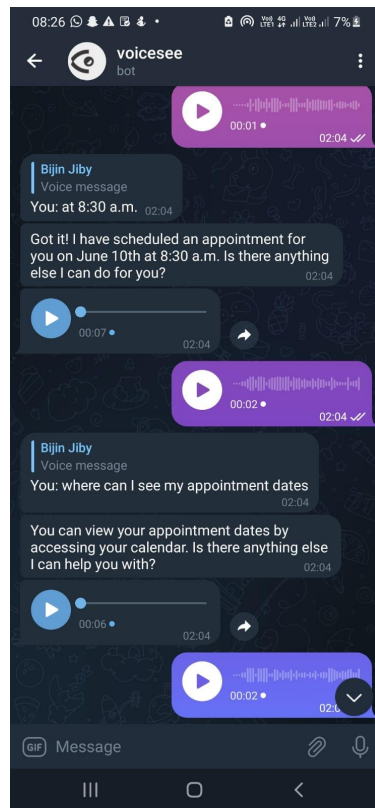
**Try Out our Bot
@visionseebot
in Telegram**



A regular hexagon with a light orange fill and a dark orange outline.



Chat in **audio messages** and get
reply back in audio

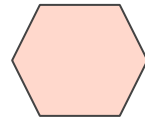


- **Visual Description from Images**





Learnings during the Hackathon



01

Teamwork & Collaboration

02

Time Management

03

Technical Skills

04

Networking

The background is a solid light orange color. It is decorated with several white hexagonal shapes with thin black outlines. In the top-left corner, there is a large hexagon partially cut off by the edge and a smaller one below it. In the top-right corner, there is a single hexagon. In the bottom-left corner, there is a single hexagon. In the bottom-right corner, there is a single hexagon and a larger one partially cut off by the edge.

Thank you