



MASTERS

# Intelligent Health Assistant

Revolutionizing Healthcare with Clinical AI Solution

ChatGPT API & Whisper API Global Hackathon





# **Intelligent Health Assistant**

**REVOLUTIONIZING HEALTHCARE  
WITH CLINICAL AI SOLUTION**

**Introducing ground-breaking solution for the health industry.**



# Agenda

- **TEAM**
- **PROBLEM**
- **SOLUTION**
- **TECHNOLOGIES**
- **MARKET SIZE**
- **COMPETITORS**
- **Intelligent Health Assistant**





# Team



**Muhammad Qasim Alvi**

Data science  
Machine learning  
Deep Learning  
Data Engineer



**Batir Daniel**

.NET Developer



**Faseeh U Rehman**

Computer  
Systems  
Engineer



**Aadil Memon**

Technology Enthusiast



**Sunidhi**



**Sevim Durmus**

Industrial  
Engineer, MBA



# Problem

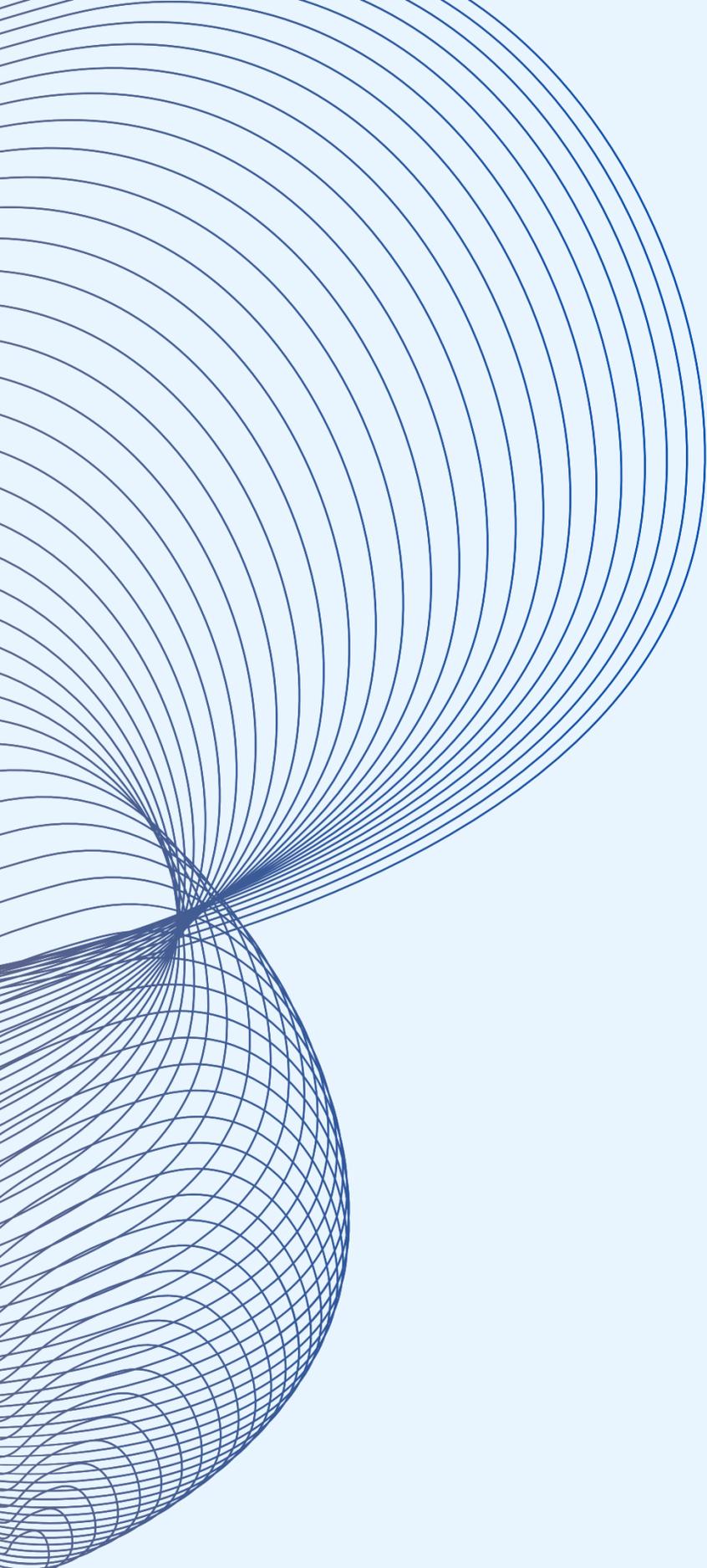
- People often ignore medical symptoms
- Cannot decide if they should go to ER
- Many patients reveal they are hesitant to visit the emergency room because they don't want to admit something is wrong
- A study published in the British Journal of General Practice in 2015 found that almost half of cancer patients ignore early warning signs such as a persistent cough or an unexplained lump



# Solution

## Symptom Assessment Platform

- Patients will be able to input their symptoms by voice into the app using a natural language interface.
- The app will then analyze the symptoms and compare them to a vast database of medical information to identify potential illnesses and conditions.





# Technologies



- Record symptoms in 10 seconds time frame

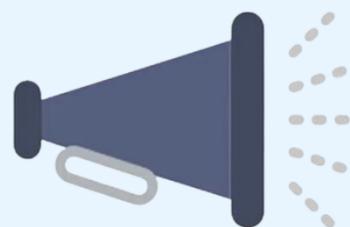


**Whisper API**

- Transcribe and store to a file

**ChatGPT API**

- Check the history of previous inputs, outputs and current input



pyttsx3

- Text to Speach





# Size of the Market



- Revenue in the Health Care segment is projected to reach US\$60.72bn in 2023.
- Revenue in the Digital Health market is projected to reach US\$170.20bn in 2023



- In the Health Care segment, the number of users is expected to amount to 1.57bn users by 2027



# Competitors

**Ada Health**

**ClearStep**

**MASTERS**

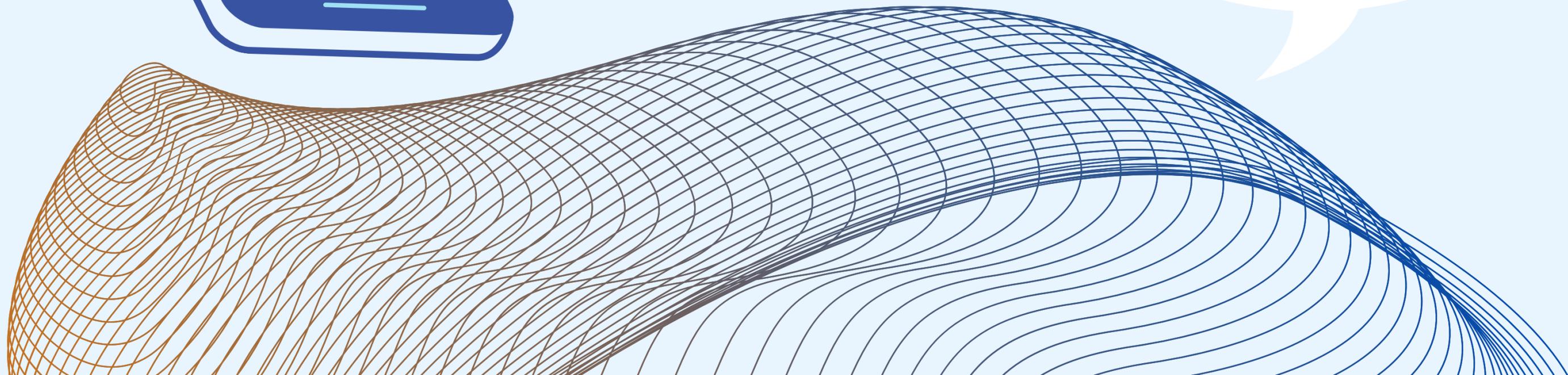
TARGET	REACH	TOTAL RAISED
HEALTHCARE PROVIDERS INSURERS TELEMEDICINE	13,088,378 USERS 30,243,083 ASSESSMENTS	\$167M
INDIVIDUALS		\$1.43M
INDIVIDUALS		



# Intelligent Health Assistant



I'm feeling sudden numbness and confusion and trouble walking and seeing?





# Thank You

Faseeh U Rehman

Batir Daniel

Quasim Alvi

Aadil Memon

Sunidhi

Sevim Durmus

*Team MASTERS*