MASTERS

Intelligent Health Assistant

Revolutionizing Healthcare with Clinical AI Solution

ChatGPT API & Whisper API Global Hackathon

lab lab ai

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

pyAudio

- 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

NoCode JS

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

Resource: https://www.statista.com/

Competitors

	TARGET	REACH	TOTAL RAISED
Ada Health	HEALTHCARE PROVIDERS INSURERS TELEMEDICINE	13,088,378 USERS 30,243,083 ASSESMENTS	$167M
ClearStep	INDIVIDUALS		$1.43M
MASTERS	INDIVIDUALS		

Source: https://www.cbinsights.com/

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