

# HealthyAI

Your Personal Health Assistant

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# OUR TEAM



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# THE PROBLEM?



## Limited/No Access to Healthcare

In many parts of the world, people don't have easy access to healthcare providers. And the cost is too high for some.



## Unnecessary Checkups

Sometimes, some symptoms can be treated at home, without the need to see a doctor.  
**20.6%** of overall medical care in 2017 was unnecessary, according to NCBI\*



## Long waiting time

Some healthcare providers suffer from limited staff and resources, which takes longer for a patient to get diagnosed.

\* National Center for Biology Information: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5587107/>

# OUR APP

**HealthyAI** is an AI-powered health diagnostic app designed to help people identify and manage their health issues. The app uses **GPT-3 Language Model** to analyze the user's symptoms, and to provide them with an accurate diagnosis and personalized recommendations for treatment based on their health profile.

### Explain what are you feeling?

Severity of pain  😞  😓  😊

Duration  ▾

Frequency  ▾

I feel numb in my hands, especially when i'm typing. my wrist is burning and my grip is weak.

**CHECK**

# THE IMPACT



## **Availability & Reachability**

Our solution will be available for anyone, especially those who don't have access to healthcare. Which will help them have an idea on their health issue, as well as some home remedies to try. (Unless medical intervention is required).



## **Prevent Unnecessary Checkups**

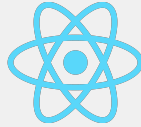
Our app will provide home remedies for some health issues that aren't serious and doesn't require seeing a doctor.



## **Diagnosis & Monitoring On the go**

User's symptoms can be monitored through the app to see if they are improving or worsening over time.

# How does it work?



**Client: React Web App**



**Database : Redis**

User Credentials

User Profile + Past  
Diagnosis



**Backend: Django REST API**

Endpoints

GPT-3 to  
provide  
symptoms

GPT-3 to  
provide  
informations  
about the  
diagnosis

GPT-3 to  
provide  
Possible  
treatments

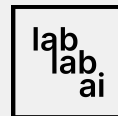


# DEMO VIDEO

# FUTURE IMPROVEMENTS

- Model fine tuning
- Make a chatbot version
- Prompt tuning for more personalized results.
- Support for different languages (Actually supporting : English, French and Spanish)
- Integrate premium features (Doctor communication, Medicine monitoring...) based on a monthly subscription.





**HealthyAI**

**THANK YOU!**

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