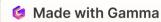
Smart Make-a-thon: A Medical Chatbot for Mental Health

Welcome to the Smart Make-a-thon! Today we're presenting a medical chatbot that aims to provide users with accessible mental health tips. This project is a collaborative effort by students from Vivekanand Education Society's Institute of Technology .





Problem Statement: Al-Powered Mental Health Companion

Problem ID:	Track:	College:
PS15	Artificial Intelligence & Machine Learning	Vivekanand Education Society's Institute of Technology

You: my day

things don't go the way you want them to. If you want to , I'm here to listen. I can offer some suggestions on how to bad day, if you'd like. One thing that might help is to try to positive things in your life, no matter how small. It can ful to talk to someone you trust about what you're going ou're feeling overwhelmed, it's important to seek help. I hope that your day gets better soon.

You: suggest me 2 activities wh

L. Mindfulness Meditation:**

fortably in a quiet place and focus on your breath.

ntion to the sensation of air moving in and out of your

nind wanders, gently return it to your breath.

for 10-15 minutes daily to cultivate present-moment

ess and reduce stress.

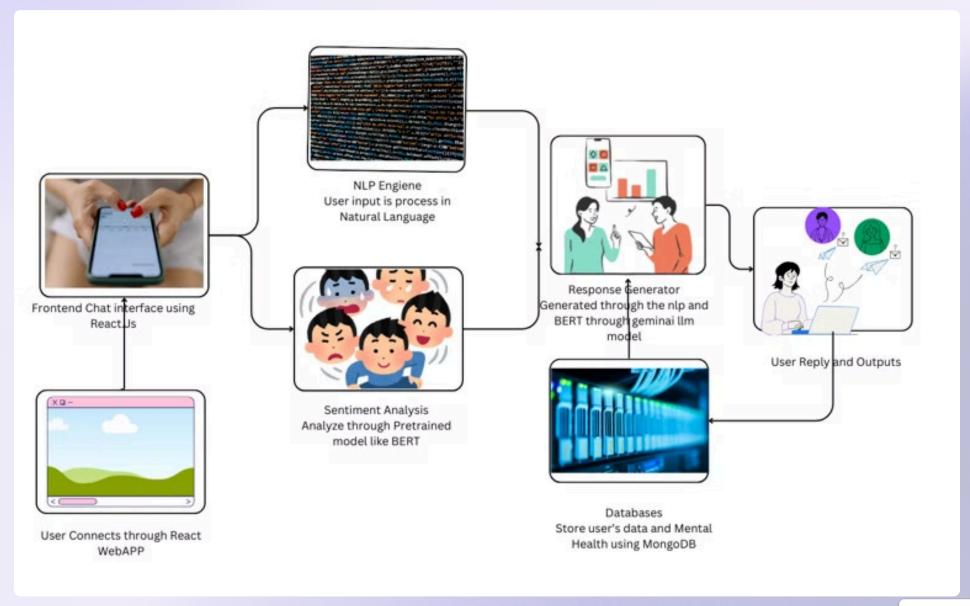
g:

a journal regularly, whether it's daily, weekly, or whenever

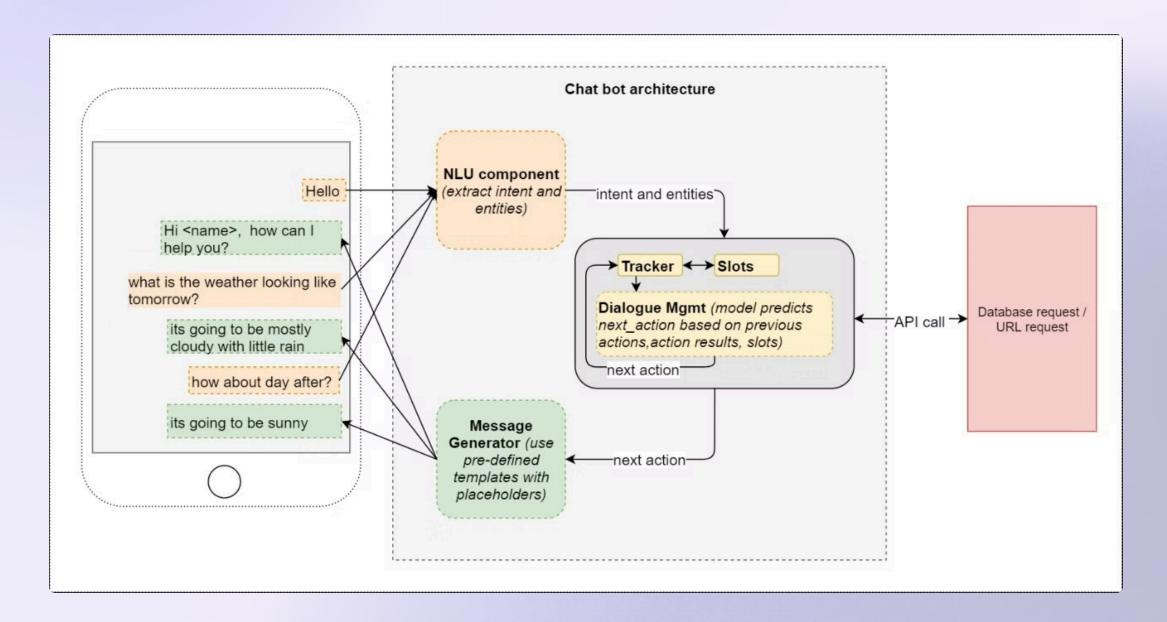
Proposed Solution: Mindcare

Our Product Mindcare is a chatbot which provides various mental health related tips to the users on the basis of their inputs and also do mood analysis . This helps the people who are not able to communicate to other people but can share their feelings with our chatbot and grow towards a positive life .

Flowchart of the Chatbot:



Architecture of the Chatbot:



Code Implementation:

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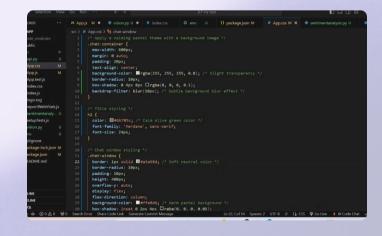
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Frontend

Technology used: React.Js

Backend

Technology used: Python with Flask to integrate frontend and backed

Styling Part of Frontend Page

Technology used: CSS3, Bootstrap

Demo of the Chatbot:

Link of video:

New video by Sanika Jadhav

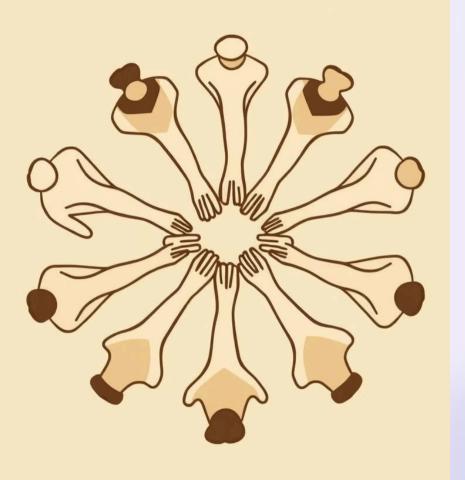
Impacts and Benefits

Impacts:

- Better Access to Mental Health Help: The AI chatbot gives
 people quick and easy access to mental health support,
 especially for those who can't go to therapy or get help
 easily.
- Early Signs of Mental Health Issues: By understanding
 what users say, the chatbot can spot early signs of stress,
 anxiety, or depression and encourage users to seek further
 help if needed.
- Reducing the Mental Health Stigma: Talking to a chatbot can make people feel more comfortable discussing their emotions and mental health privately, helping reduce the fear or embarrassment around it.

Benefits:

- Always Available: The chatbot is available 24/7, so users can get support anytime they need it, day or night.
- Affordable Support: For those who can't afford therapy, the chatbot provides a free or cheap way to manage mental health regularly.
- Private and Anonymous: Users can talk to the chatbot without revealing their identity, which makes it easier for those who are shy or uncomfortable to get help.
- Quick Stress Relief: The chatbot provides instant tips and techniques, like breathing exercises or mindfulness activities, to help people relax and feel better in the moment.



Conclusion: Towards a More Supportive Future

This project provides a valuable contribution to the growing field of mental health technology. The chatbot offers a user-friendly and accessible platform for accessing mental health tips and resources. It has the potential to significantly impact individual well-being and promote a more supportive and informed approach to mental health.