

# MD

Stressed!! Connect With Us..

Team Members:

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# Motivate Us!

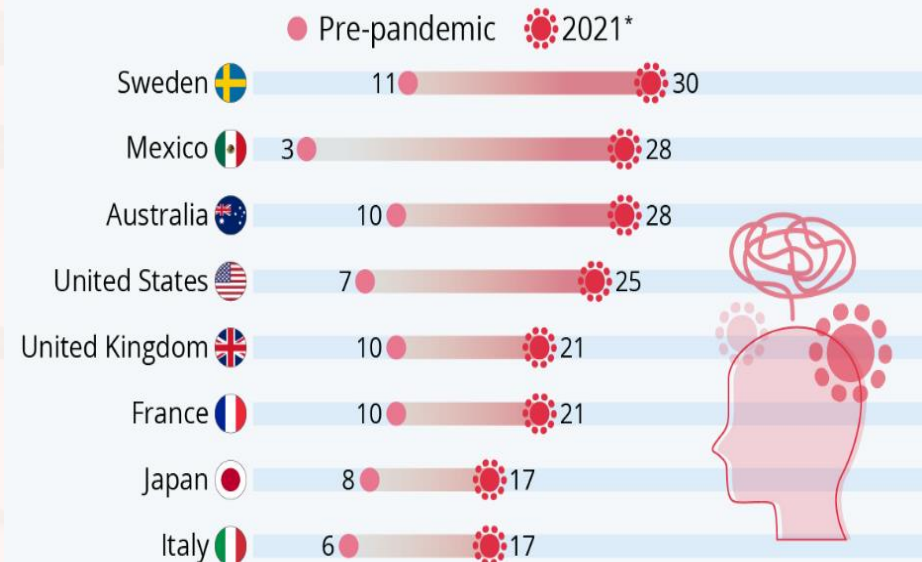
The COVID-19 pandemic and the resulting economic recession have negatively affected many people's mental health and created new barriers for people already suffering from mental illness and substance use disorders.

During the pandemic, about **7 in 10** adults in the U.S. have reported symptoms of anxiety or depressive disorder and the number is keep on increasing.

As per the statistics report only 2 out of 10 are getting treated with those mental health related problems from the certified health experts.

## The Enormous Mental Health Impact of Covid-19

Estimated prevalence of (symptoms of) depression among adults (in %)





# Business concept

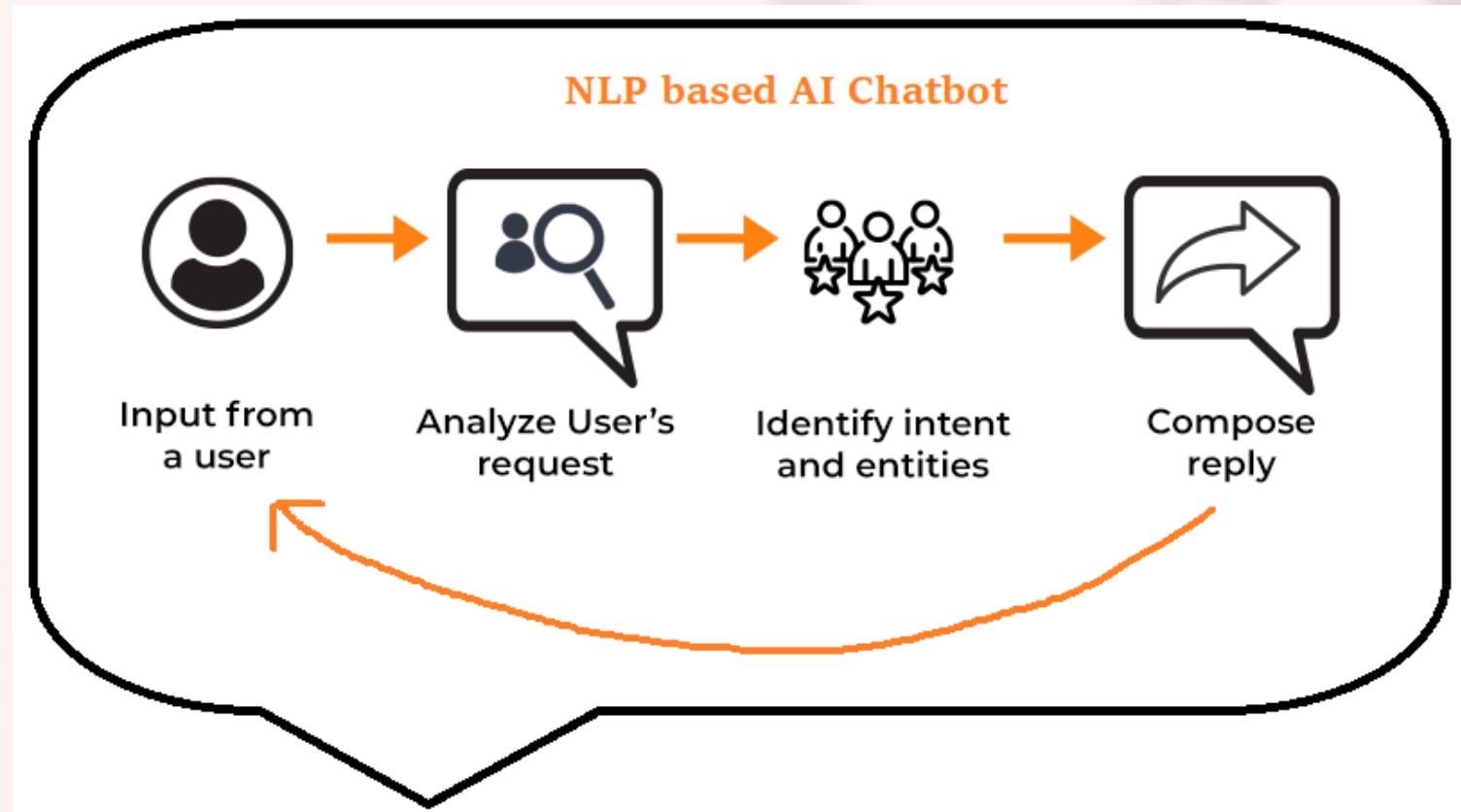
As per the World Health Organization mental health plays an important role in one's life and states as a "state of well-being in which the individual realizes his or her own abilities, can cope with the normal stresses of life, can work productively and fruitfully, and is able to make a contribution to his or her community".

In order to fill this gap and use the existing opportunity of connecting people with health experts in an interactive way we have produced the idea of designing an AI chatbot with the help of NLP model to help users understand the complexity and importance of the problem they are facing by suggesting few immediate precautionary steps to follow to come out of their current stage and have a better life.



# Our approach

Once user enters our website an AI chatbot will pop up and asks few questions and tries to get the response from the user either in the textual format or the voice format. We use NLP model to process those responses and provide our results on their mental status and suggests few links to connect with the healthcare experts.



# Market Research



The Target Customers for this product are some one who are suffering from mental health problems, especially students, couples, working employees, senior citizens.



Market trends will continue rising based on projections from the yearly data which provides us a greater opportunity for business growth for this sector.



Most of our competitors don't have the AI chatbot implemented in their websites which is the major advantage for our product. MHC website creates an awareness of the mental health issues that effects a lot, of the public's healthy lifestyle. As a product it can do well in providing services to the users.

\* Psychiatric disorders like Anxiety, Depression Insomnia, PTSD, Olfactory Disorder and Mood Swings. In the global market there are mental health websites for these issues but , we are going to make it simpler "talk to us and resolve" by using Artificial intelligence Bot with NLP.



# Market Value

- The target customers are the **consumers of mental health services** (i.e., individuals, couples, families, and groups).
- Mental health websites market size was estimated at 4.4B USD in 2021.

## Value Propositions

- Building a friendly interaction with customers using AI chatbot.
- 24/7 availability of the website to speak to our AI chatbot.
- Reliable business model for Mental Health Issues.



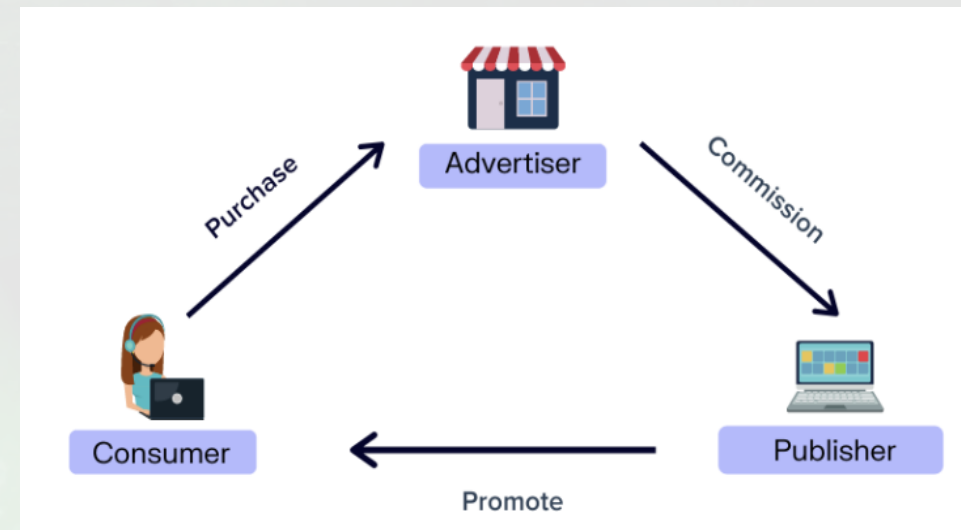
# Affiliate Business Model

## Revenue Generation

- We will be partnering with health care sectors to forward some of our traffic to their hospital or Doctors.
- We will be charging percentages on each customer who gets the appointment from our partners.

## Costs

- Low-cost maintenance of the website
- Limited labor support



# Team members contributions



**Saikrishna Thatikonda**

Designing the chatbot and testing the implementation.



**Prathipati Rasagna**

Designing the interface look and building the concept.



**Akter Lipi**

Website designing and collecting the information on different mental health issues.



**Vangapandu Vinesh**

Backend configuration and Deployment



# Tool and Technologies



- Discussions and meetings: Webex and google meet.
- Code commit and Storage: Github
- UI Designing: HTML, CSS, Javascript, React Js
- Chatbot: Google DialogFlow
- UX Backend: Python Flask API
- Database: Node JS, SQL Lite
- Deploying server/platform: Heroku/Google Firebase

