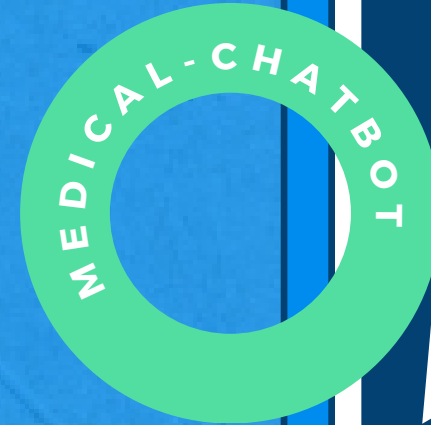


# Medical AI-Chatbot

Team: A18  
Try||Catch



# Problem statement

Health care in rural India is still an unresolved area that demands improved and innovative solutions. The aim is to train an AI-powered chatbot specializing in medical knowledge to serve as a virtual healthcare assistant for patients in rural areas. The objective is to enhance healthcare access by providing an intelligent, conversational interface that can offer medical advice, answer queries and assist with health-related concerns. This initiative seeks to leverage AI technology to address the scarcity of healthcare resources in rural communities, ensuring that residents can access timely and reliable medical information, ultimately contributing to improved healthcare outcomes and well-being. Participants are encouraged to design and implement a user-friendly interface using Streamlit or Gradio to facilitate accessibility and practical application of their AI solution.





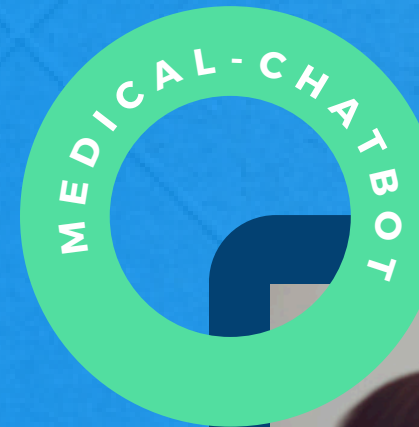
# Approach

**Identify medical resources:** It includes a dataset of medical information, including common symptoms, treatments, and preventive measures

**User-friendly interface:** Design and develop a user-friendly interface using Streamlit which allows users to easily interact with the chatbot and access relevant medical information

**Developing Mobile Health Applications:** Developing user-friendly mobile health applications can help rural residents access healthcare services

**Public Health Interventions:** Strengthening the public health system and implementing effective public health interventions can help reduce the burden of non-communicable diseases, such as diabetes and heart diseases, high blood pressure in rural areas





## HOME REMEDY

Many people believe natural is safer, and they feel comfortable using them. The chatbot will provide a home remedies that helps users for quick relief and recovery from the disease. Home remedies are meant for prevention of diseases and management of simple and minor illnesses



## NUTRITIONAL TIPS

A medical chatbot can provide various nutritional tips to help individuals maintain a healthy diet. Recommending daily intake goals for essential nutrients such as protein, carbohydrates, and fats based on the user's age, gender, and activity level.



## TRANSLATOR

A translator in a chatbot can be particularly useful for rural people who may not speak or understand the primary language used in their region. By integrating a translation feature, the chatbot can communicate with these individuals in their native language.

Thank  
you very  
much!

