

PROBLEM STATEMENT :

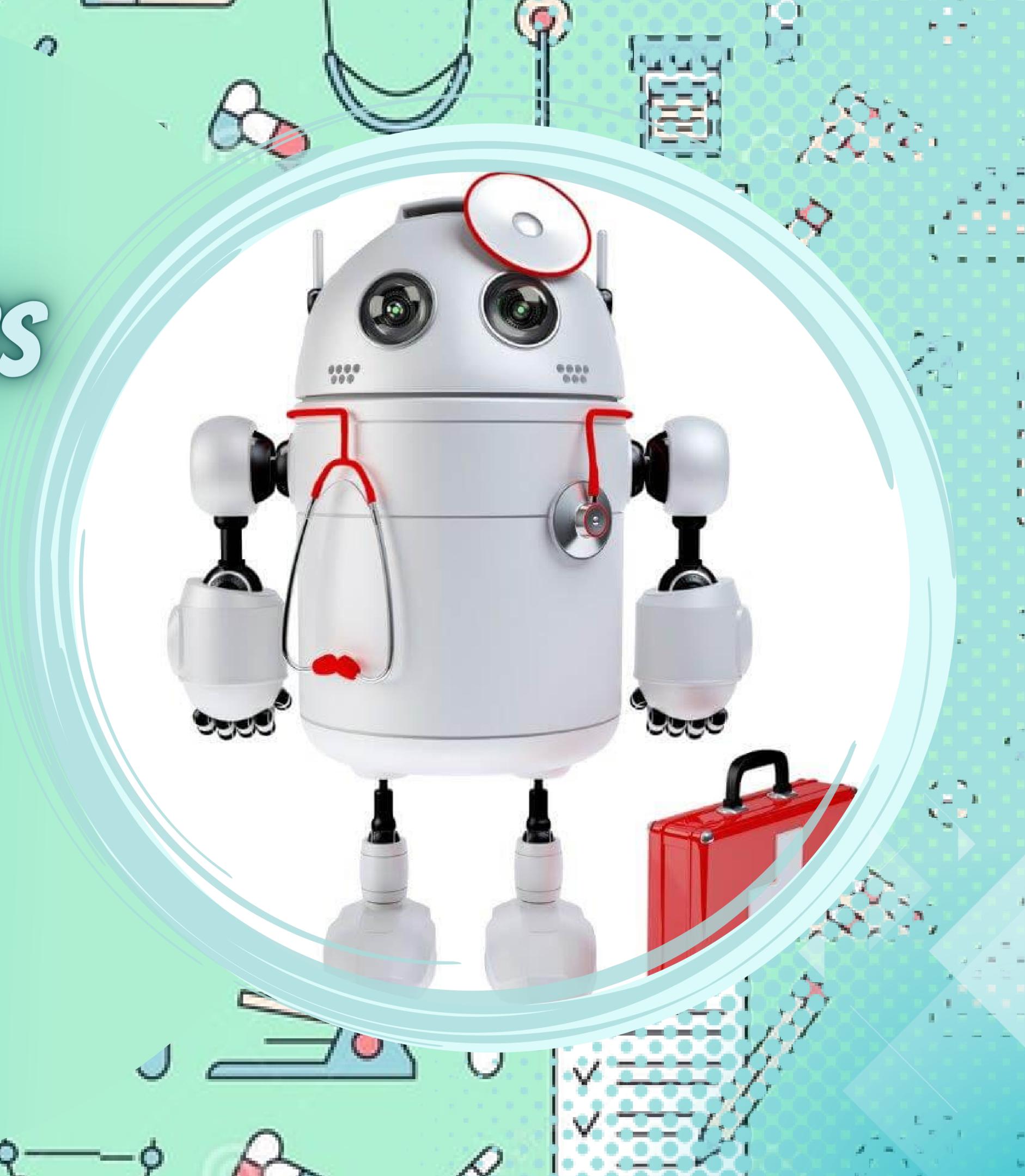
SELF DIAGNOSTIC AND DOCTORS RECOMENDATION USING AI

TEAM NAME: ACE_CODERS

Team Leader Name: SAYAN SEN

Institute Code (AISHE): C-6242

Institute Name: FUTURE INSTITUTE OF
ENGINEERING AND MANAGEMENT



IDEA/APPROACH :

Our AI based health app is based on the idea to make health concern and care easy for the user.

It is user friendly and it allows the user to be flexible enough to either self diagnose himself, or even be able to appoint a doctor/hospital if the situation calls for it.

The app also implements deep learning which improves the disease prediction algorithm.

The users are provided with the ability to search for doctors according to their specialization and their location

The user upon logging in can also maintain their health status which keeps a track of their blood pressure, weight, etc at a certain point of time.

INNOVATIVENESS :

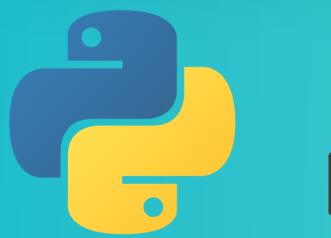
In today's era people usually are ignorant of their health which can cause major issues being built up slowly.

People hesitate to go to the doctor for minor issues which leads to ignorance. We aim to allow the user to keep track of their health based on AI to self diagnose themselves and keep track of their health. Also, if the situation is worse a doctor can also be consulted and even hospital details are provided. This provides flexibility to the user and ease of usage.



TECHNOLOGY STACK

BACKEND



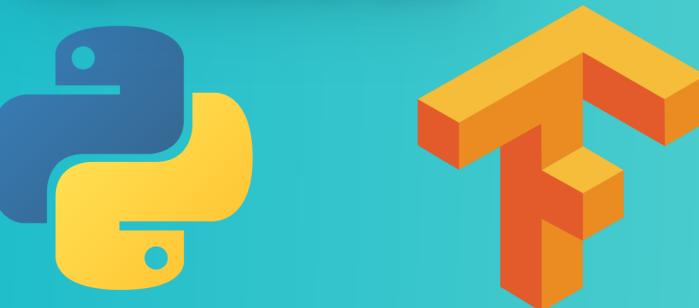
PYTHON



NODE JS



AI MODEL



PYTHON

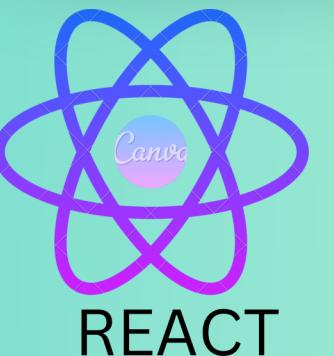
TENSORFLOW

DATABASE AND DATASET



EXCEL

FRONTEND



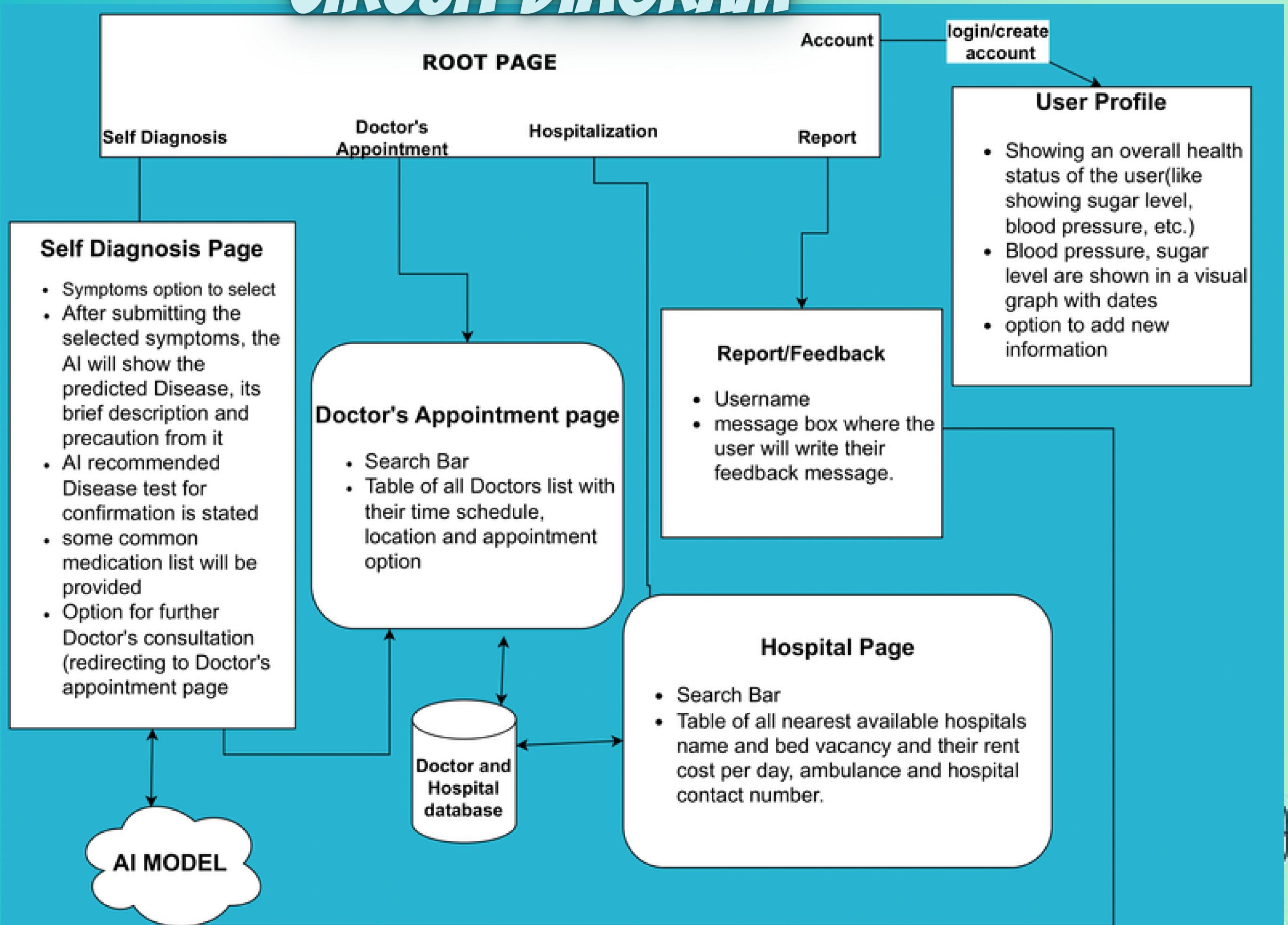
REACT



JAVASCRIPT



CIRCUIT DIAGRAM



WE HAVE MAIN 3 FEATURES IN OUR WEBSITE

SELF DIAGNOSIS

The user can diagnose their disease with the help of the AI on the basis of their symptoms. They also get some recommendation on medicines and precaution to prevent the disease and symptoms.

DOCTORS AND HOSPITAL RECOMMENDATION

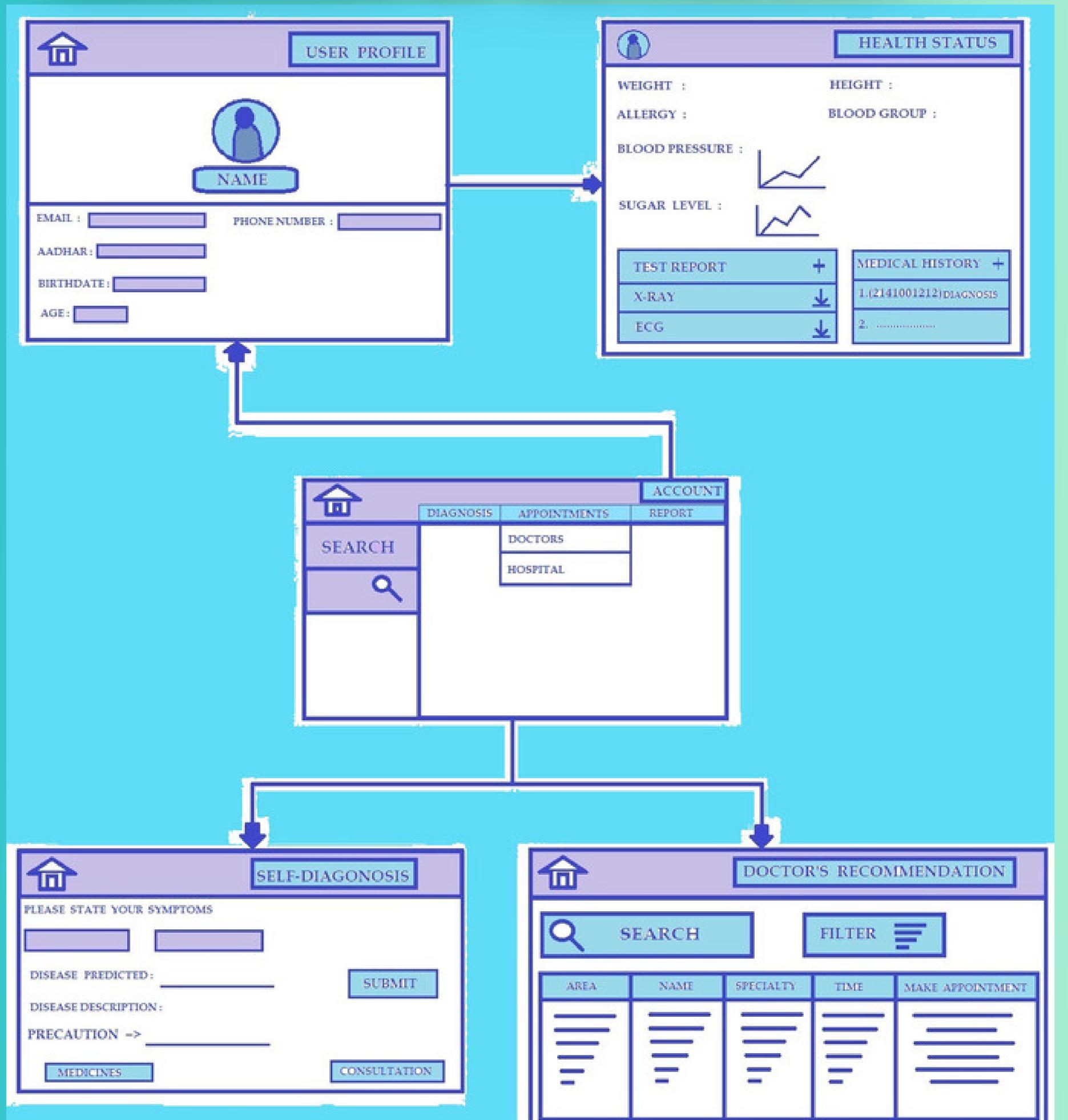
The user can see all the available doctors and can make appointment online. The user also can get information on all the nearest hospitals, bed vacancies, charges, etc.

USER PROFILE

The user can create their account and keep an overall health record. Like showing blood pressure level, sugar level, etc.



WIREFRAME OF THE WEBSITE :



TEAM MEMBER DETAILS

Team Leader Name: Sayan Sen

Branch : Btech Stream : CSE Year :2

Team Member 1 Name: Uwais Jawed

Branch : Btech Stream : CSE Year : 2

Team Member 2 Name: Sweta Roy Chowdhury

Branch : Btech Stream : CSE Year : 2

Team Member 3 Name: Snigdha Kamrai

Branch : Btech Stream : CSE Year : 2

Team Mentor Name: Ratul Chowdhury

