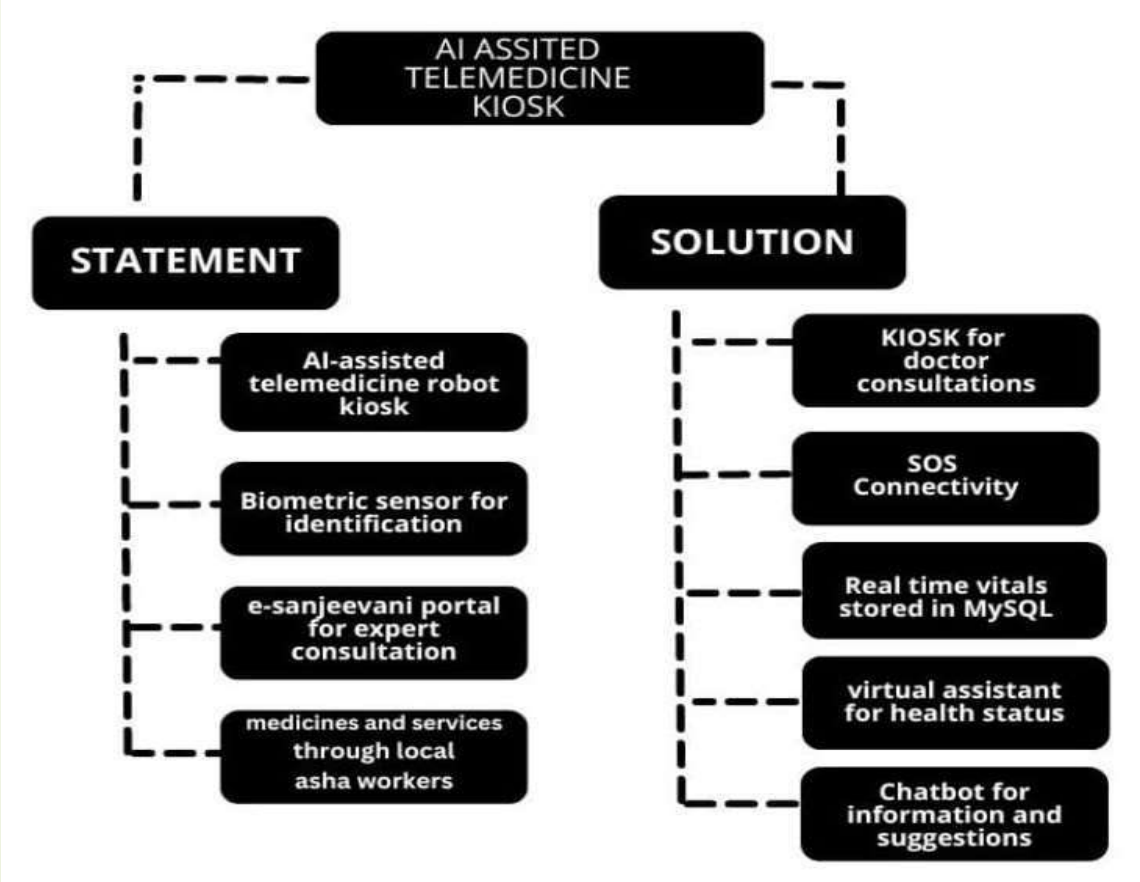
UNIFIED PATIENT TREATMENT PLATFORM

EXPLORERS

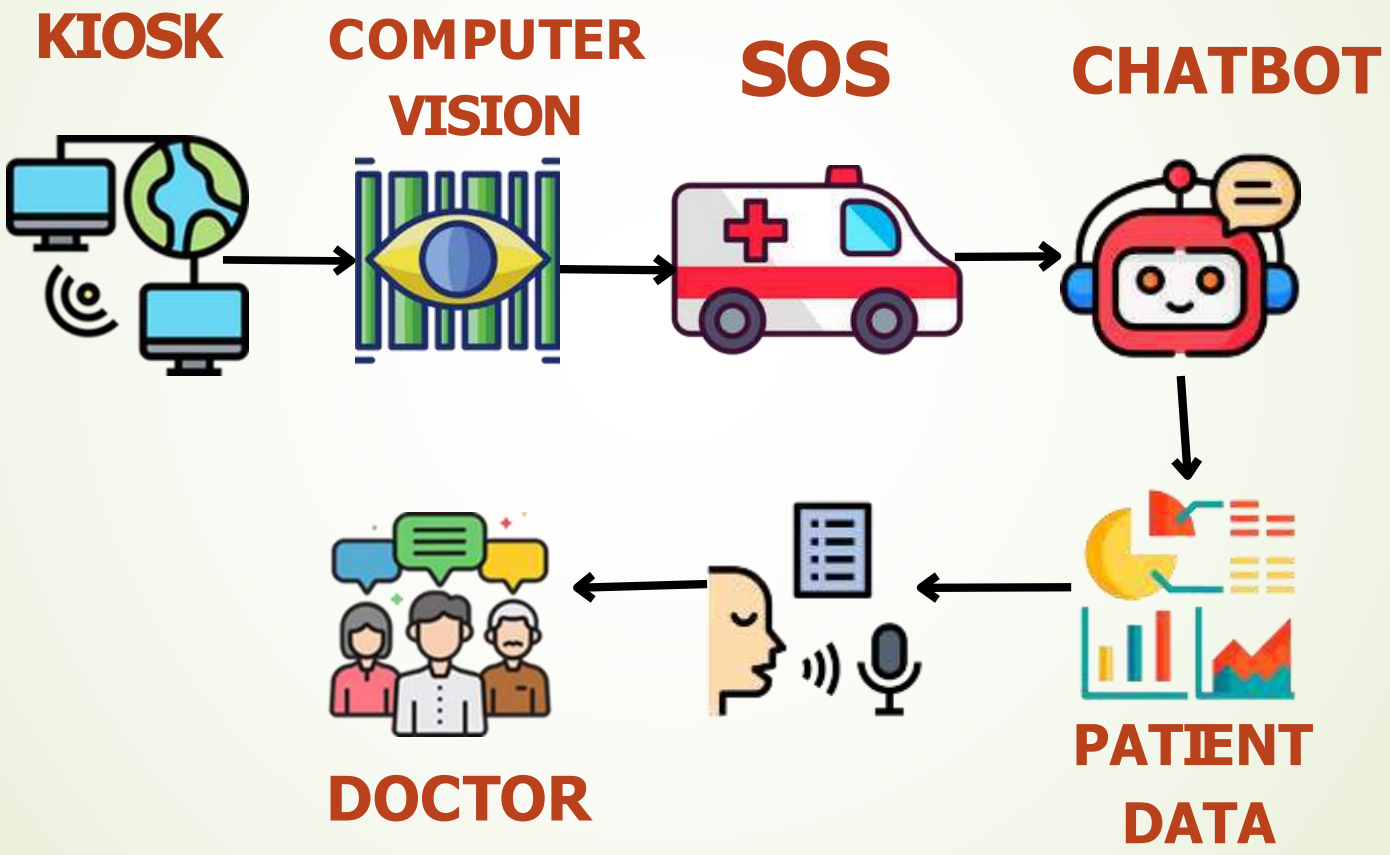
PROBLEM STATEMENT



SOLUTION

- Rural residents will be able to connect with doctors via a telemedicine platform which will be deployed using a kiosk setup in the center of the village
- Using an emergency SOS, patient can speak with the ambulance driver and hospital directly and disclose the location
- Real-time health vitals of the patients will be stored in a MySQL database
- Patients can converse with a virtual assistant to share their health status, which will be saved and shared with doctors at the time of consultation in the form of graphs
- To assist patients in receiving basic information and suggestions regarding their health status, a chatbot option has also been developed

WORK FLOW



MARKET SEGMENT & FUTURE SCOPE

MARKET SEGMENT:

Revenue is generated by

- Making Advertisements and digital advertisements through internet and social media.
- Getting feedback from customers to update the product

FUTURE SCOPE:

- Implementation of machine in every 500 meters
- Bio-metric and adhaar card

PROCESS FLOW

- **Kiosk** - It is an self-service, interactive computing device that provides information, services to users.
- **SOS** - It is used to send emergency message and curent location of the patient to ambulance driver.
- **Chat Bot**- Langchain is used to build so that it gives suggestion according to healthcare quey.
- **Voice Assistant** - Rural patient can converse their health problems will be stored.

TECHNOLOGY STACK

- Computer Vision – OpenCV
- Flask
- Visual Studio Code
- Chat Bot