

THE THREE ACES

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#LIVE LONGER



What do we aim to solve?

OUR OBJECTIVE

USING THE POWER OF MACHINE LEARNING FOR EARLY DETECTION OF THE FOLLOWING DISEASES
THROUGH OUR EASY-TO-USE WEB APPLICATION



#1: DIABETES

- Identifying if blood glucose level is higher than normal



#2: HEART HEALTH

- To help make preliminary **judgment** about health condition



#3: CANCER IDENTIFICATION

- Distinguish **malignant** vs **benign** cases

Our mission is to be helpful to patients who are unable to travel long distances for a health check ups and cannot afford costly health tests in hospitals

Applications

- 1 Special examinations exist for many chronic diseases, which can diagnose the disease while it is asymptomatic, with no signs or symptoms.
- 2 The earlier detection of disease may lead to more cures or longer survival. This possibility has led to health programs which recommend populations to have periodic screening examinations for detecting specific chronic diseases like cancer, diabetes, cardiovascular disease and so on.
- 3 Such examination schedules when embedded in a public health program are costly. With the help of our project people who cannot travel long distances for regular checkups or those who can't afford these costly tests for early detection of diseases will be at ease.



Our Tech Stack



HTML



CSS



JAVASCRIPT



FLASK

WEBRTC
FOR
ONLINE
VIDEO
CALLS

MACHINE LEARNING FOR
DISEASE PREDICTION

NATURAL LANGUAGE
PROCESSING FOR FRIENDLY
CHATBOT

SOCKET.IO FOR REAL-TIME CHAT



Future Implementation

We plan on expanding the different diseases detected with the potential of ML

Since physical health is not solely important, we also can supplement this application to predict and diagnose patients' mental health conditions too

We're also really excited to harness augmented reality(AR) to better manage diabetes and other disease symptoms more efficiently .