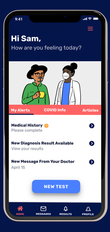


FACO

WE'RE LAUNCHING SOON

PORTABLE CHECKUP
Get a checkup anytime, anywhere using only your phone.

A.I ANALYSIS
Get instant, accurate results via machine learning.

REAL DIAGNOSIS
Connect with a doctor and get the care you need.

00 days | 00 hours | 00 minutes | 00 seconds

LEARN ABOUT FACO

ABOUT US

FACO [Fight Against Coronavirus] is a digital health application that creates a point of care diagnostics for personal health. It is a mobile application providing instant, clinical quality diagnostics tests and management tools directly to consumers and healthcare providers. It is created to diagnose and measure the severity of a wide range of chronic and acute diseases such as Coronavirus, Pneumonia, Asthma, Bronchiolitis and Chronic Obstructive Pulmonary Disease (COPD) using insight. FACO core system connects medical knowledge with artificial intelligence to help people actively manage their health and medical professionals to deliver effective care.

A diagnosis of respiratory disease is one of the most common outcomes of visiting a doctor. Respiratory diseases can be caused by inflammation, bacterial infection or viral infection of the respiratory tract. Diseases caused by inflammation include chronic conditions such as asthma, cystic fibrosis, COVID-19 and chronic obstructive pulmonary disease (COPD). Acute conditions, caused by either bacterial or viral infection, can affect either the upper or lower respiratory tract. Upper respiratory tract infections include common colds while lower respiratory tract infections include diseases such as pneumonia. Other infections include influenza, acute bronchitis, and bronchiolitis. Typically, doctors use stethoscopes to listen to the lungs as the first indication of a respiratory problem. The information available from these sounds is compromised as the sound has to first pass through the chest musculature which muffles high-pitched components of respiratory sounds. In contrast, the lungs are directly connected to the atmosphere during respiratory events such as coughs. These audible sounds, contain significantly more information than the sounds picked up by a stethoscope. Our approach is automated and removes the need for human interpretation of respiratory sounds.

Meet the team behind FACO

FACO is made up of a team of sixteen (16) people from four (4) different continents with expertise in development, medicine and design. Individuals who are smart and passionate about doing work that matters to chnage healthcare for good.

Sahil
Founder & CEO

Elana
Product Design Lead

Tejiri (Emaliasa)
UI/UX Designer

Anu
Web Developer

Rina
UI/UX Designer

Archit
UI/UX Designer & Public Relations

Navneet Gupta
Cinematographer

Gavakshit
Public Relations

Keenia
Product Manager

Jone
Medical Personnel

Rhea
Front-End Developer

Stephen
Web & App Developer

Udit
Application Development

Shraddha
Medical Technologies

Tammy
Application Development

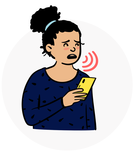
Ntongha
Application Development

HOW IT WORKS

User downloads the application from the app store and registers himself/herself. After creating his/her account, they have to go through a questionnaire describing their symptoms like headache, fever, cough, cold etc. After the questionnaire, the app records the users' coughing, speaking ,breathing and heartbeat sounds through the microphone of the smartphone. After recording, the integrated AI system will analyze the sound recording, comparing it with a large database of respiratory sounds. If it detects any specific pattern inherent to a particular disease in the recording, it will enable the patient to contact a nearby specialist doctor. The doctor then receives a notification on a counterpart of this app, for doctors. The doctor can view the form, listen to the audio recording, and also read the report given by the AI of the application. The doctor, depending upon the report of the AI will develop a diagnosis, suggest medicines, or recommend a hospital visit,plus if person have symptoms of corona . In cases where the AI detects a very seriously ill patient, it will also enables the physician to call an ambulance to the users' location and continuously track the user.

1 Symptoms Evaluation

To start the diagnosis, a user will have to fill out the symptoms evaluation form, where they describe their symptoms.(for example: headache, fever etc.)



2 Record Cough & Shortness of Breath

The user places the microphone of their device close to their mouth to record cough and breathing patterns.

3 Record Heart Rate

The user places their finger on their devices built-in camera to record heart rate.

4 Automated Diagnosis Result

The application uses machine learning technology to match signatures in this sound and symptoms to produce instant highly accurate diagnosis.

5 Consult a Specialist

The application connects users to near by doctors through video call and chats to confirm their diagnosis, order essential medications from the pharmacy and determine a care plan.

Play demo video

Get in touch

Our team is here to answer any questions you might have. We look forward to hearing from you.

Your Name | Your Phone Number | Your E-mail

Write your message here!

SUBMIT

Be the first to know when we launch

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