

Swāasa

Respiratory Health Unbound



**Bharat Digital
HealthCare Summit**

**Affordable and Accessible
means to identify, screen at
scale and prioritize high risk
population**



Lung Health – A Grave Concern in India and Globally

**329
Million**

Are affected by COPD globally

**65
Million**

People have COPD

**3.23
Million**

Deaths by COPD in 2019



TB has highest burden



India recorded 19.5 lakh TB cases



5 lakh TB-related deaths

Healthy Lungs



Diseased Lungs





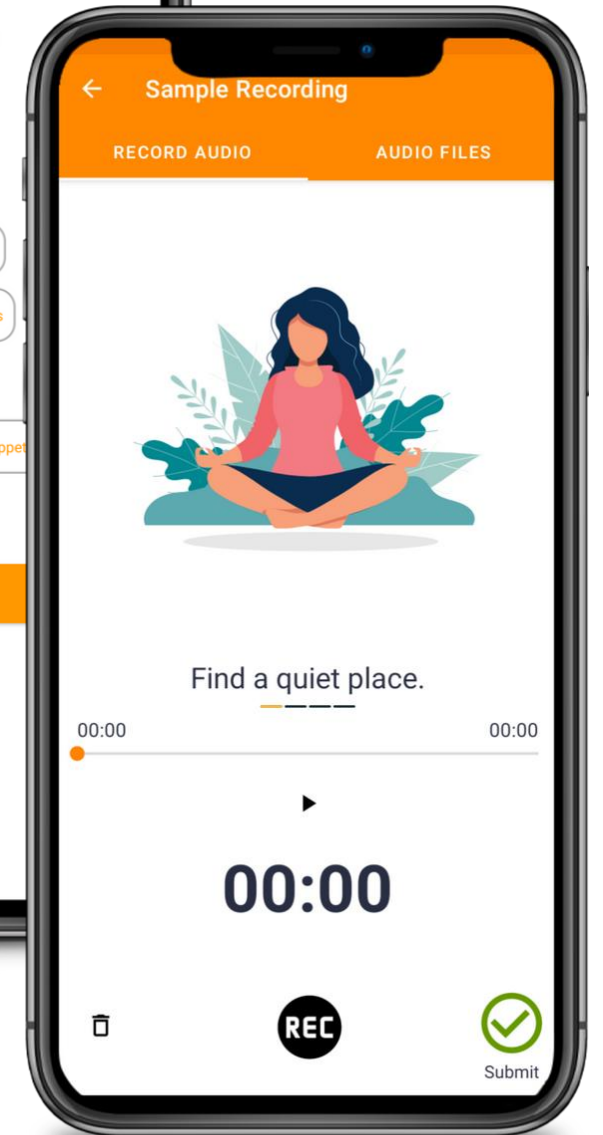
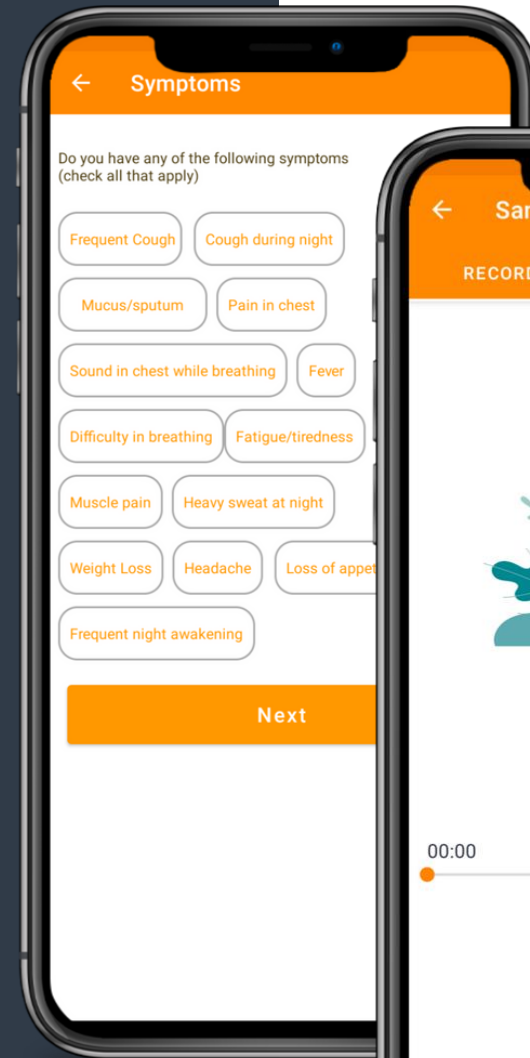
Revolutionizing Respiratory Healthcare!

Swaasa[®] uses audiometric analysis of cough sounds to assess the risk level and identify the respiratory disease or ailment.



LOW RISK

LUNG HEALTH INDEX - LHI



AN ULTRA-SCALABLE AND AFFORDABLE RESPIRATORY HEALTH PLATFORM

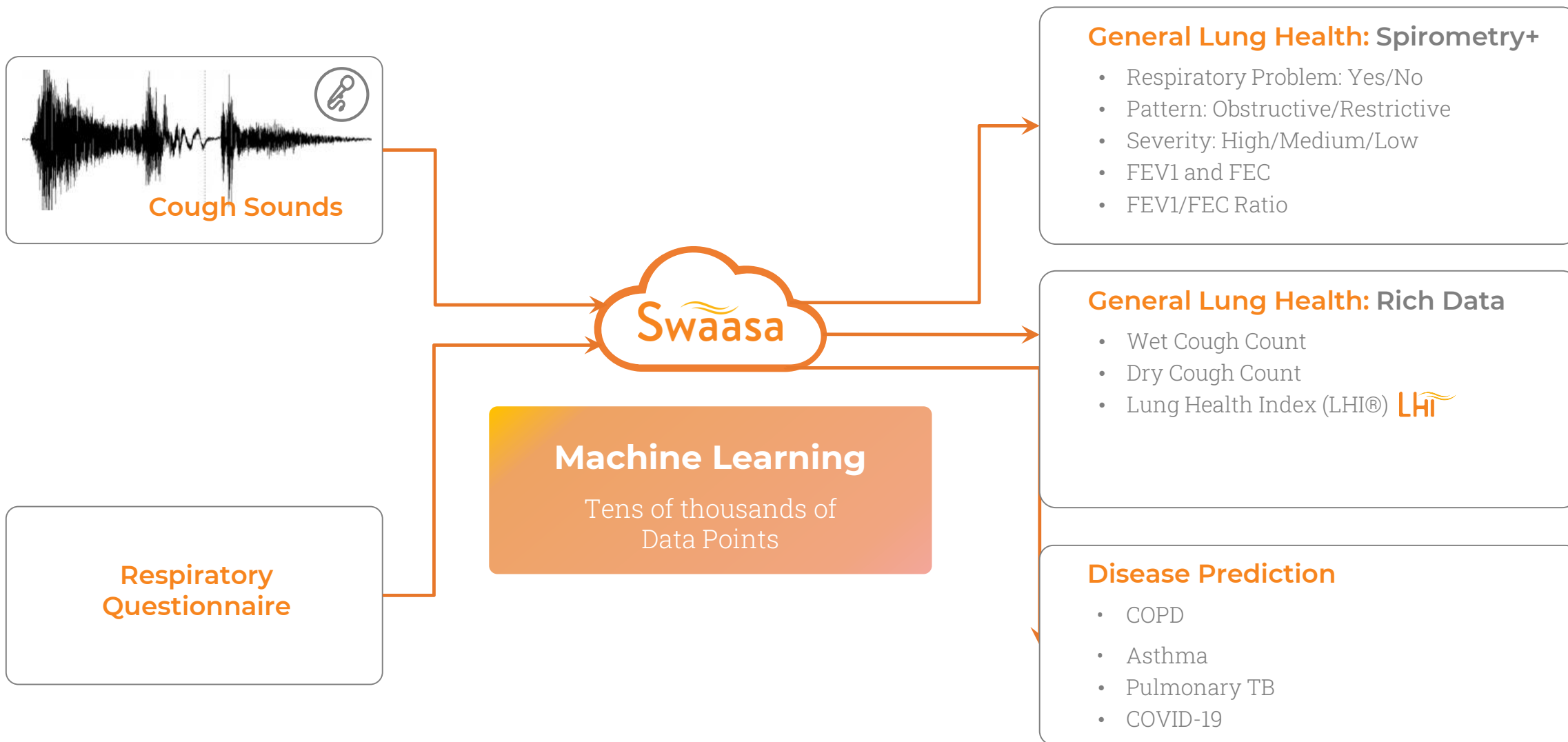


Our Solution

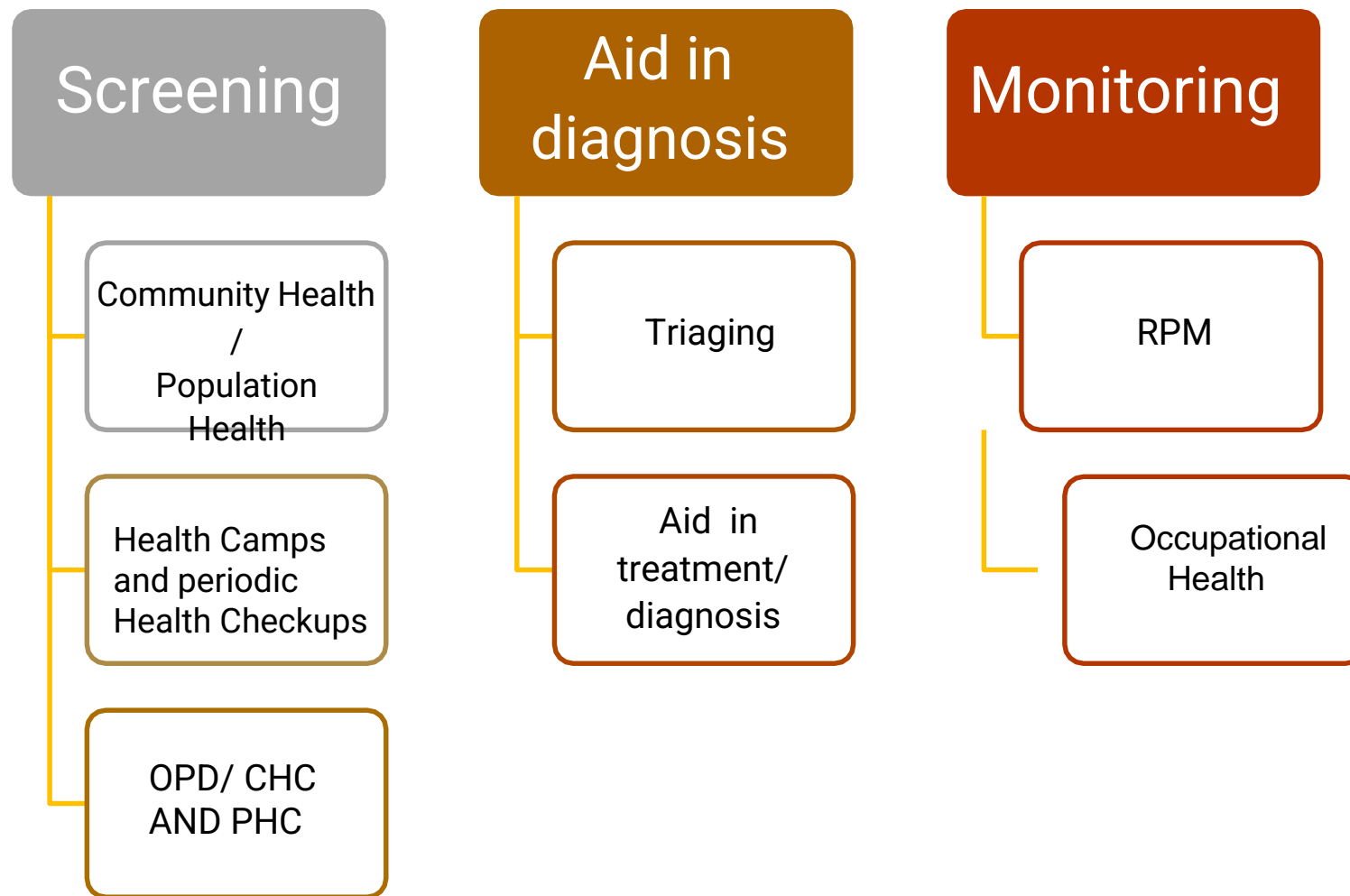
Accurately vetted, cloud-based analysis based on 10-second cough solicited via smartphone



Audiometric Analysis Using Machine Learning



Use Cases & Offerings



Screening For Community Health

Assess your lung health with Swaasa

3 easy ways to collect cough samples



At your doorstep:

A community health worker will visit the home of an individual to collect cough samples and vital information through our application.

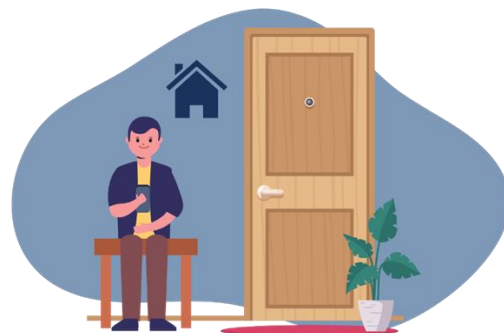
At the community healthcare centre:

Any individual can visit the community centre to access our application and give their cough samples, symptoms and vital information.



At the comfort of your home:

A message would be sent to individuals with the link to access our app and he/she can give the cough samples at the comfort of their homes.



Instant reports and asynchronous access of data:

Once an individual submits the cough samples, a report would be generated instantly. Medical professionals and doctors can access this data in real time.












Medical professional or doctor will prescribe the next steps over a call based on the report and risk associated.

Doctors or health administrators can also access the community trends of respiratory health and suggest actionable measures.



Patents & Publications

	India Patent A system for analyzing risk associated with cough sounds	Granted. Grant No. 308156
	Provisional patent in India: A METHOD AND SYSTEM FOR MONITORING HEALTH RISK OF A USER	Granted. Grant No. 440656
	US Patent (Application) Method and system for analyzing risk associated with respiratory sounds	Application No. 16 / 768872
	South Africa patent for the PCT based on US Patent filed in 2021 (A method and system for monitoring health risk of a user)	Granted Appln No: 2022/07008
	Canada Patent (Application) Method and system for analyzing risk associated with respiratory sounds	Granted No. 3083639
	New U.S. Continuation-in-Part Patent (CIP) Application Title: METHOD AND SYSTEM FOR ANALYZING RISK ASSOCIATED WITH RESPIRATORY SOUNDS The actual title of this must be : A Method And System For Monitoring Health Risk Of A User	Application No. 17/081149
	PCT for the US patent PCT/IN2021/051019	Application No. 16 / 768872
	India patent for PCT based on US Patent filed in 2021 (A METHOD AND SYSTEM FOR MONITORING HEALTH RISK OF A USER)	Application 202247027696
	Australian patent for the PCT based on US Patent filed in 2021 (A method and system for monitoring health risk of a user)	Ref No. 202032AU Appln No. 2021369950

Aligned with SDG Goals

Goal 3. GOOD HEALTH AND WELL-BEING

Goal 10. REDUCED INEQUALITIES



Data Privacy , Security and Quality Standards



Sensitive Health Data
HIPAA Compliant



Information Security
ISO 27001



Consumer Data Rights*
GDPR



Quality of Medical Software
IEC 62304



Quality of Medical Device
ISO 13485

*in process

Trusted by global organizations



- ✓ Spirometry requires significant Capex - Laboratory setup , Equipment Cost
- ✓ Opex – Lab Technician, Power, Consumables
- ✓ Swaasa – Using just a mobile phone to assess lung health

When was the last time you checked your lungs?

- Safe & Contactless
- Non-invasive
- Instant Results
- Affordable

Swaasa

Respiratory Assessment
Screen for lung health and diseases

Authorized* by :
Central Drug Standard Control Organization
Government of India



CAPEX

INR 100,000

of equipment cost

INR 0

No hardware needed

OPEX

INR 1,500

per assessment

INR 1

per assessment (at scale)

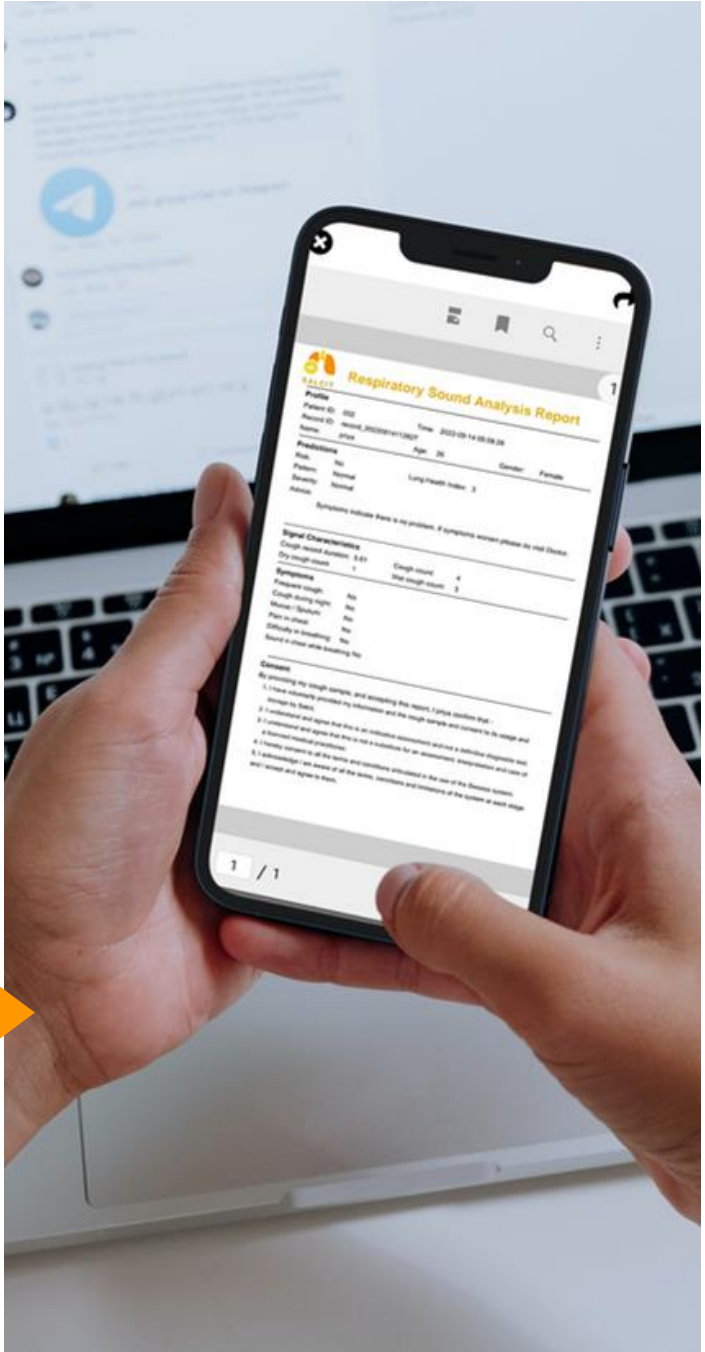




RESULTS

90 Minutes

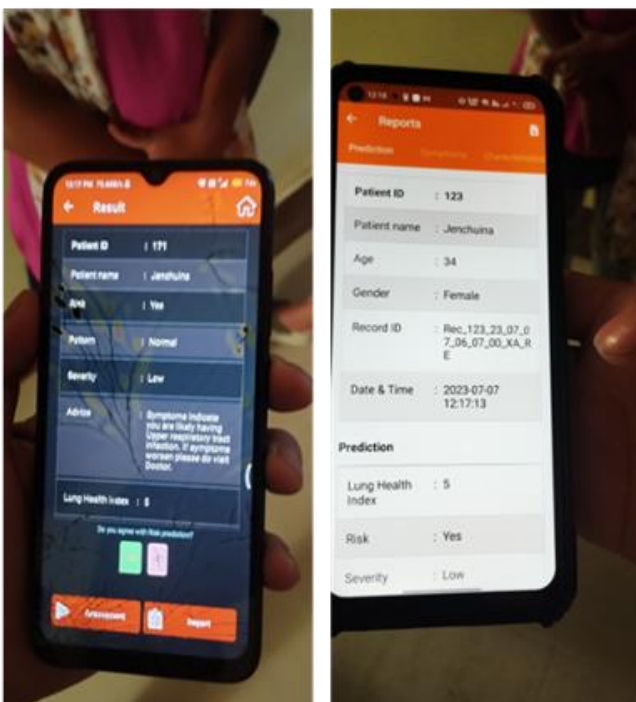
INSTANT



MAKE IN INDIA
for the world

*No respiratory
illness death that
could have been
prevented*





We Are **Salcit Technologies**



▶ **Medical AI Capabilities**

Salcit is a team of doctors, data scientists and product managers which makes us create unique value

▶ **Scalability of the Digital Platform**

The platform is built for scale to go behind our global vision and can be partner-integration ready

▶ **Emphasis on Scientific Rigor**

Salcit is built on strong experimentation and peer-reviewed technology emphasizing on scientific rigor

12 Clinical Trials to enforce scientific rigor

8 Patents for AI Technology

9 Research Publications in use of Cough as a Biomarker

18 Recognitions for the Impact through Digital Health

Thank You

