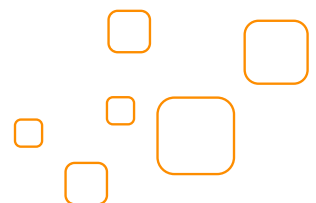# SALCIT™

Case study

Swaasa® is an award-winning flagship AI platform from Salcit which helps healthcare professionals to monitor & triage patients remotely and provide early diagnosis and treatment of respiratory diseases.

Zensark

Scaling Health Tech:
Zensark Transforms Salcit's AI based Respiratory Health Platform Swaasa®

Swaasa® uses machine learning models to analyse cough sounds to assess the performance of lungs. Swaasa® aims to substitute spirometry and make the pulmonary healthcare accessible and affordable.

Challenges

Performance Issues	**Solution not designed to handle multiple simultaneous user requests.**
Scalability	**Lack of in-house technical expertise to address complex scalability issues.**
Elementary User Interface	**Rudimentary UI which could impact user experience and hinder adoption.**
Resource Constraints	**Not adequately resourced to adhere to standards like HIPAA.**

Solution

1

Technical Expertise

Provided technical expertise in AI, ML technologies, & Python programming, along with rich experience in SaaS, to optimize the algorithm & make Swaasa® a truly scalable SaaS platform.

2

User Friendly UI design

Reimagined the overall application for superb navigation and hyper ease of use.

3

Website & Mobile App

Redesigned and rebuilt cross platform feature rich mobile app with excellent navigation; adaptive and responsive web application.

Zensark is proud to be the trusted Technology Partner of Salcit, makers of Award Winning AI Solution, Swaasa®.

Outcomes

- Scalable secure high performing SaaS platform.

- Robust cross platform mobile app, feature rich and highly responsive.

- Standards compliance - HIPAA, ISO 13485, ISO 27001, IEC 62304 and others.

- Expanded to a diverse customer base covering Corporates, NGOs and Medical Institutions.

Let's Work Together

Manmohan Jain

Phone   +91 98498 42002

Mail   manmohan.jain@zensark.com