

March 23, 2021
SOMPO Holdings, Inc.

Dealing with the Spread of the Coronavirus: Proof of Concept for Business Development to Support Health Management Launched

SOMPO Holdings, Inc. (Group CEO and President: Kengo Sakurada, hereinafter "SOMPO Holdings"), by offering the highest quality services assisting with customer "Security, Health & Wellbeing," is expanding its business areas focusing on the insurance business. It is accelerating the utilization of digital technologies, aimed at realizing the group management concept of societal contributions. Now, as one offering for employee health checks, it has developed the business-oriented health management support application "Health Checker" (hereinafter "Health Checker") and is launching a proof of concept of these services to support health management.

1. Background & Purpose

The spread of the Coronavirus pandemic has brought about great changes to our lives and business activities, such as a rapid online transition and spread of teleworking. In this situation, concern for the health of the employees who undertake the economic activities of companies has increased.


However, the burden of daily health management is heavy for both managers and employees, and the creation of a management system is a major problem.

After several reviews of services for companies to watch over employee health conditions at any time, SOMPO Holdings has now developed Health Checker. Health Checker is a system for checking and managing health status by measuring three vital signs, "heart rate," "oxygen Level," and "respiration rate," from videos taken by a smartphone camera. The image analysis technology of the Israeli startup firm Binah.ai (CEO: David Maman, hereinafter "Binah") was utilized in development.

We believe that expanding the use of Health Checker will reduce health anxieties and become a support for conducting economic activities amid COVID-19.

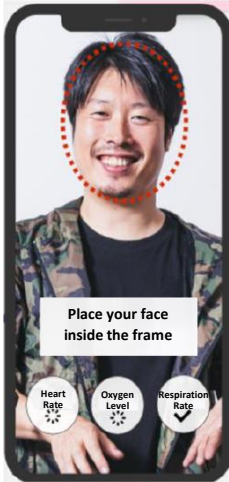
2. Health Checker

Health Checker is an application that was developed for the purpose of simplifying daily employee physical condition reports and management thereof by companies. Vital signs are measured by starting the application and performing signal processing to analyze a video of a face captured with a smartphone front camera. The vital signs of employees that are acquired can be checked by managers. It supports health management of companies by leveraging digital technology to increase convenience and perform employee health management. SIGMAXYZ Inc. (Representative Director and President: Ryuichi Tomimura, hereinafter "SIGMAXYZ") is supporting service prototyping, application/system design and development. Health Checker was developed for checking health condition and is not for medical use (for which the user should consult a doctor).




Health Management Support Application

Measurement by smartphone video



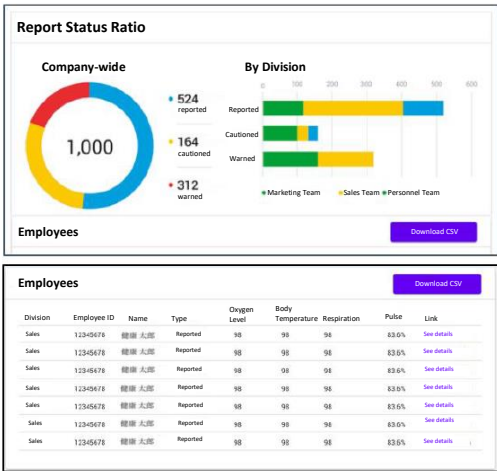
binah.ai software used for vital sign measurements

Health condition can be checked in about 1 minute



Always wear a mask and wash your hands.

Company managers can check measurement results in a list



sample

3. Proof-of-Concept Overview

This proof of concept will have employees at many companies use Health Checker to verify whether it is useful for easily examining health checks, health management, and measures to prevent the spread of Coronavirus.

- Period of Performance: From March 8, 2021 to end of April 2021 (scheduled)
- Proof-of-Concept Subjects: Company employees and managers participating in this proof of concept
- Acquired Information: Basic information, body temperature, respiration rate, heart rate, oxygen Level, proof-of-concept subjects

4. Role of Each Company in Proof-of-Concept

Overall Control & Recruitment of Proof-of Concept Subjects	SOMPO Holdings (SOMPO Digital Lab*)
Service Prototyping, Application/System Design and Development Support	SIGMAXYZ
Software Development Kit (SDK) Provision and Technical Support	Binah

* SOMPO Digital Lab (Digital Strategy Planning Department): Office responsible for SOMPO's digital transformation. With bases in Tokyo, Silicon Valley, and Tel Aviv, planned collaboration with local ecosystem such as startups, VCs.

5. Future

Based on the results of this proof of concept, SOMPO Holdings aims to develop services to assist with customer "Security, Health & Wellbeing" through partnerships that leverage the strengths of each company to alleviate social problems due to the spread of Coronavirus.

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