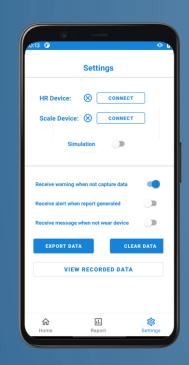
Group 19

Haonan CHEN Rongjiang YANG Yiyang Ll Hudie LIU Xiaotian XIA

Mobile System for Monitoring Vital Signs







Real Time Data

Vital signs like ECG, heart rate, body weight and so on reflect the health conditions of people. Mobile applications for health monitoring are already on the market but the functionalities are limited.

Our project enable to connect with multiple vital satisfy simultaneously sign devices, the requirements of accuracy of capturing data, safe data transfer and storage, and advanced **analyses** with medical-grade algorithms.

This system is a prototype that enables connectivity of four devices and represents a basis for future Internet of Things (IoT) enabled uses.

loT System



User

Real-time view



Internet









Capture Data

Capture Data



Our Android Application

(temporary storage)

Export Data



Process Data (Clean, standardize)



Local Server (long-term storage)

Yunmai Scale



