

# Real-Time Patient Monitoring Using Wearable Technology



Harbinger helped a UK-based health monitoring solutions company with an **integrated health monitoring platform** to monitor vital signs of patients needing **preventive care, proactive assistance,** and **real-time monitoring**

## About

The company wanted to build a product that provided **premium home healthcare monitoring services** with the help of wearable technology. They envisioned an integrated remote health monitoring platform that allowed:

- Immediate and historical **real-time health information** irrespective of the location of the patient.
- **Alerts** to patients and caretakers, when permissible limits of health parameters were crossed.
- **Innovative and dynamic dashboards** using the data collected from the internet connected wearable.

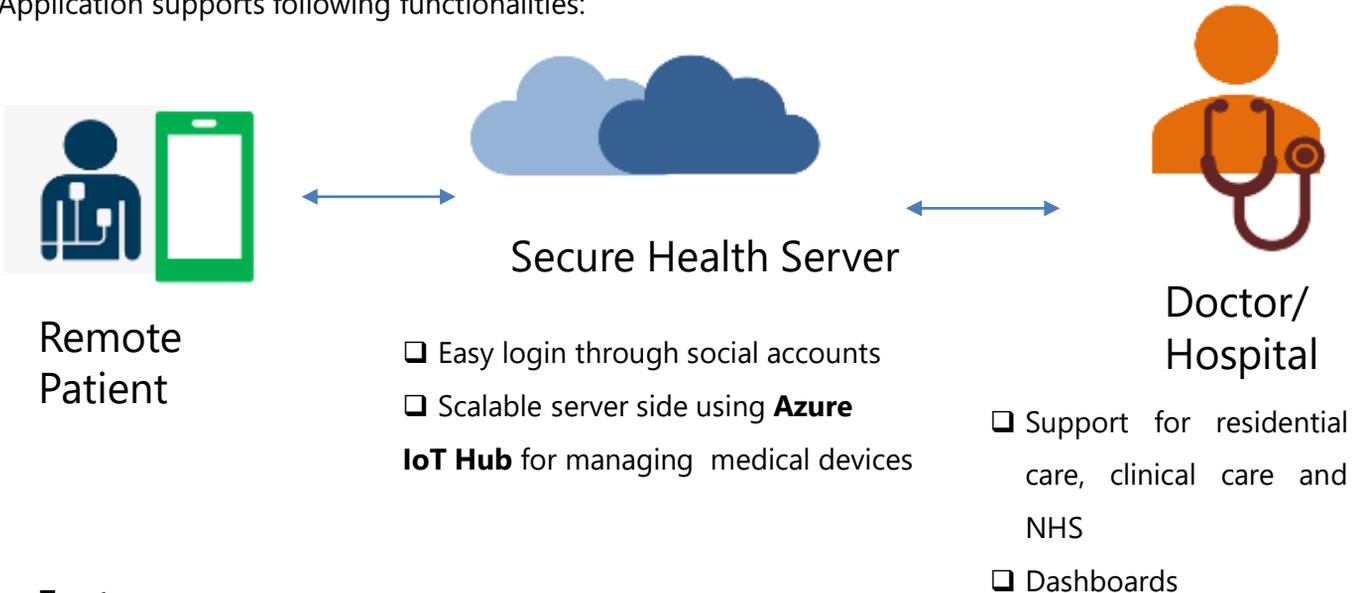
## Problem Statement

The company was using an inhouse proof of concept to validate their idea, at first. However, they realized that with more funding and more access to customers, they needed:

- **A complete app upgrade** with support for more mobile platforms and wearable device types
- Wider **support** for a range of health monitoring devices such as **oximeters, thermometers and even pulse meters**
- **Real-time health data** made available to different stakeholders in a safe and secure manner
- **History of health data** for preventive health care features, requested by many possible customers

# Harbinger Solution

Harbinger redeveloped a mobile application to maintain and monitor specific health parameters. Application supports following functionalities:



## Features

- Add readings manually, automatically using BLE (Bluetooth)
- View their own past readings
- Reminders for appointments, and other important alerts for emergency care
- Support devices to measure (Temperature, Weight , Blood Pressure , Oxygen level, Glucose)

## Benefits

The integrated remote patient monitoring app helped with the following major advantages:

- Versatile and end-to-end support through an integrated app that interconnects multiple devices and operating systems including Android and iOS.
- Real-time health monitoring for preventive healthcare.
- Easy post discharge patient monitoring and follow-up care, helping reduce hospital readmissions.

Wish to know more?

Connect with us:

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