Vital exists to use long term trends to assess patient risk, perfect drug dosages, and analyze general patient health.

Using a blend of smart-watch data and self-reported data, Vital's algorithms assess a patient's risk potential for an impending heart attack, underlying undiagnosed issue, or drug imbalance. Vital serves geriatric physicians and palliative care doctors alike.

Vital collects and analyzes heart rate, oxygen saturation, body temperature, and activity data from a user's smart watch to develop a unique set of risk scores for a patient. Current scores and algorithms include the Heart Attack Risk Score, Depression Likeliness Score, Current Infection Likelihood, and Impending Illness Risk.

The patient portal provides doctors with beautiful reports with a patient's scores as well as recommended dosage adjustments and next appointment details. In-depth medication and vitals overlays create a revolution in dosage adjustment and pain-management.

Currently, traditional patients are required to hand-log their personal health data multiple times per day and bring logs to doctor's appointments. The burden of thinking about one's declining health multiple times per day and the delay of reporting to doctors only once per appointment cycle shows that this is an industry in clear need of an efficient, user-friendly solution. Vital's minimalist UI means that by simply checking the time, users are reporting critical, real-time data to doctors to both improve their quality of care and their quality of life.

With heart attack and fall-detection algorithms and alerts and our wear-and-forget user philosophy, Vital is perfect for patients who have traditionally had difficulty with the motor skills required to hand-report their own health data each day.

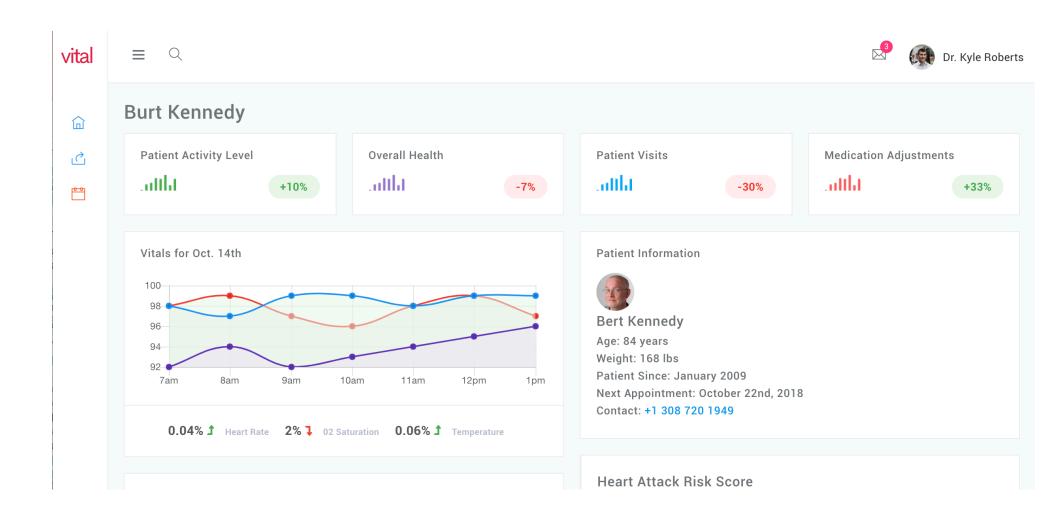
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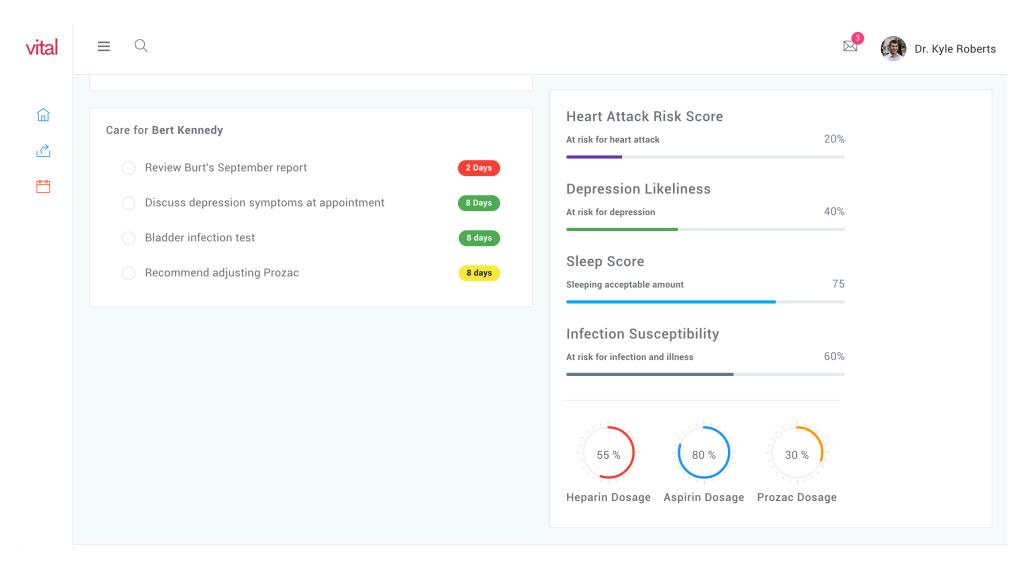
- FitBit OS Native App for Ionic smartwatch
- Companion App which runs within the FitBit app on both iOS and Android
- Node.js Web Dashboard with data visualizations and dosage recommendations
- mySQL Database for patient data

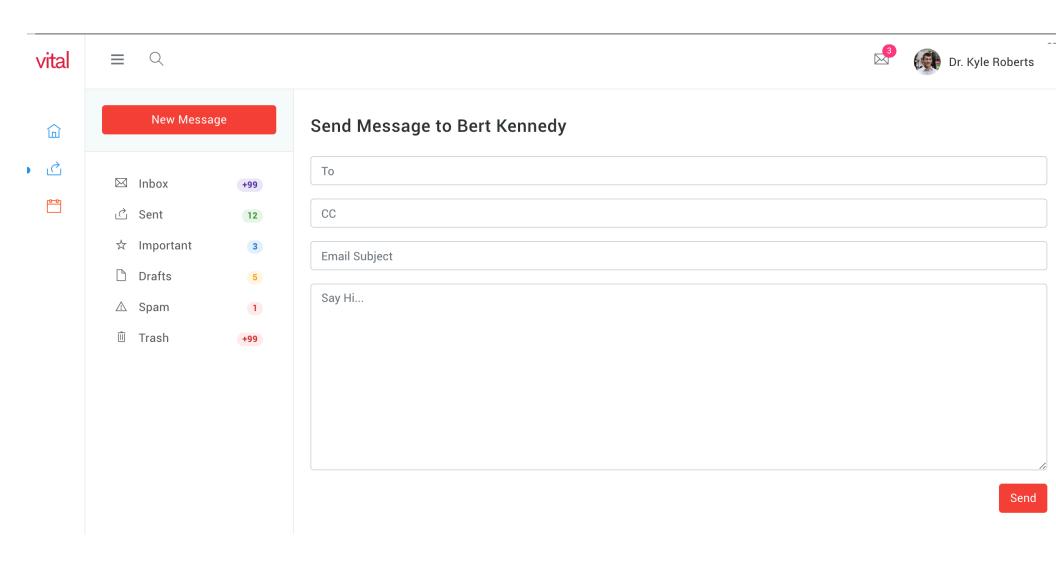
To test the web dashboard, download the sensor-clock-web directory, navigate to it in terminal, and run:

\$npm run build \$npm run preview

Thank you for an amazing event!









Developer Bridge	Apps Location User	Settings
Name	Build ID	Actions
sensor-clock	0FB051719A181AE0	•••