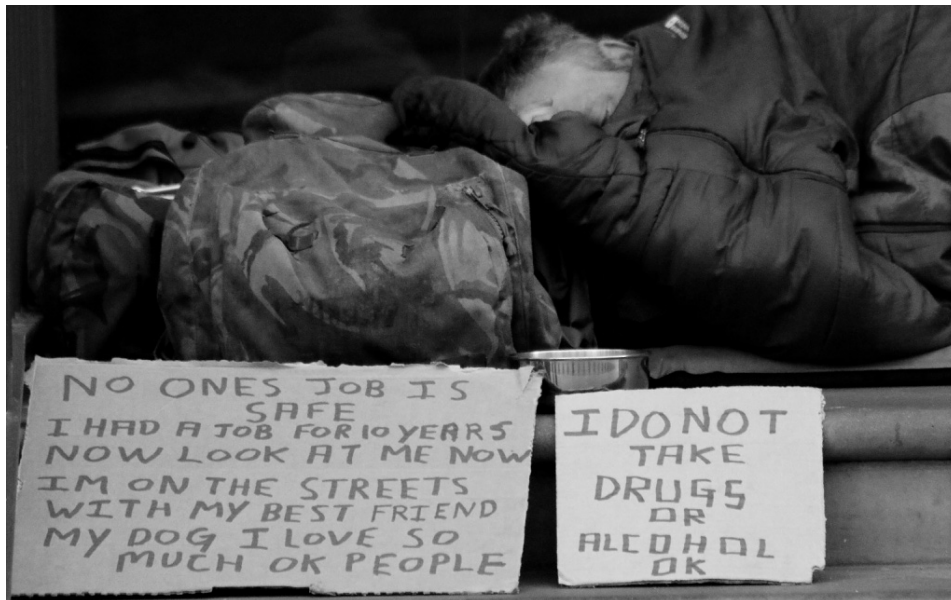


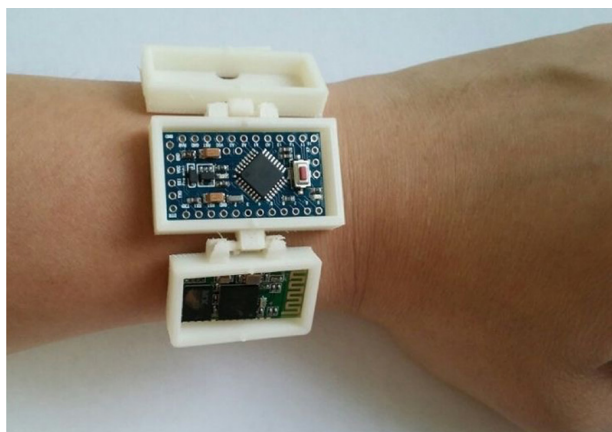
Project I. Data-driven Homelessness



Goal & Summary

According to analyses of data from NSHAPCxiv: Over 80% of the homeless have experienced lifetime alcohol and/or drug problems. Can public real-time data about the homeless assist in monitoring the health and statistics of the vagabonds, and at the same time gain the empathy of the public?

How it Works — Mechanic



Built with cheap and accessible computing parts, the homeless are given a heart rate monitor, a breath analyzer and GPS tracker to track their health status, and then displays their health report on a low-tech led screen that they hold, in replacement of their handheld cardboard signs.



User Scenario

Isaac is walking home from work and a bright led screen captures his attention. At closer view, he discovers it is a homeless man sitting at the side of a park and is holding the led screen. It displays his name: Steve Jones, 37 years old, Retired Veteran. Steve is wearing a band around his wrist, that is tracking his data in real-time. His health record flickers on the screen and states that the last time he was on drugs was 275 days ago and has no alcohol content in his breath. It shows his GPS data and that the last location was at a McDonalds right across the street. The data intrigues Isaac and he starts asking Steve questions about the data shown on the screen.