Quit Smoking

Smruthi Srikumar

Ridhima Sakhuja

Davesh Mathur

Sneha Batheja

Project Description

- Create an application that sends a notification when it detects a user is smoking
- The application will use smart watches to detect if a user is smoking by using many different parameters
  - Heart rate
  - Location
  - Accelerometer
- Application will show a fun fact about risks that come along with smoking
- Send a notification to loved ones to help the user quit smoking

This Week's Objectives

- Switched from working with Myo to working with Android Wear
  - Better integrated for use with Android phones, more versatile tools for more precise detection
- Learning how to code with Android Wear
  - New user interface for the watches
- Learning how to integrate Android Wear and Android Mobile applications

Android Wear: Moto360

Specifications

Available sizes
Mens: 46 mm case - Requires a 22 mm band.

Works with Android™ and iPhone‡

Battery life
Mens' 42mm and Womens': 300mAh battery -
Up to 1.5 days of mixed use with Ambient off.
Up to a full day of mixed use with Ambient on.

Wireless charging
with included charging dock.

Ambient light sensor
The screen automatically adjusts to the
surrounding brightness.

Heart rate sensor
Optical heart rate monitor (PPG).

Water-resistant
IP67 dust and water resistant.§

Wi-Fi connectivity
Stay in touch, even if your phone is beyond
Bluetooth® range.

⊕ View full specifications

Next Week's Objective

- Create a basic UI for Android Wear
- Learn more about analyzing data from the Android Wear's accelerometer and heart rate monitor's output
- Notifications in Android Wear