

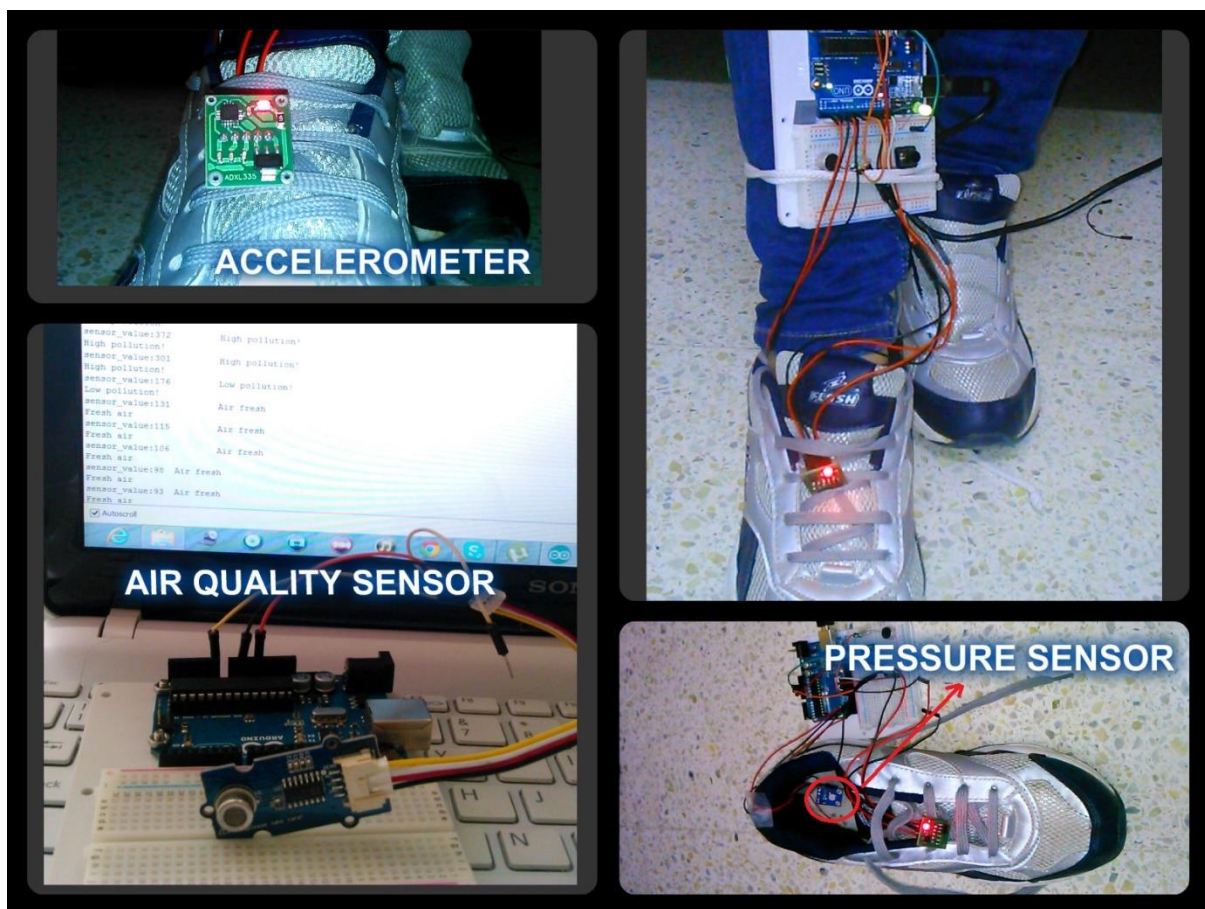
# All IEEE Region 10 Young Engineers' Humanitarian Challenge 2014

## Title of the project

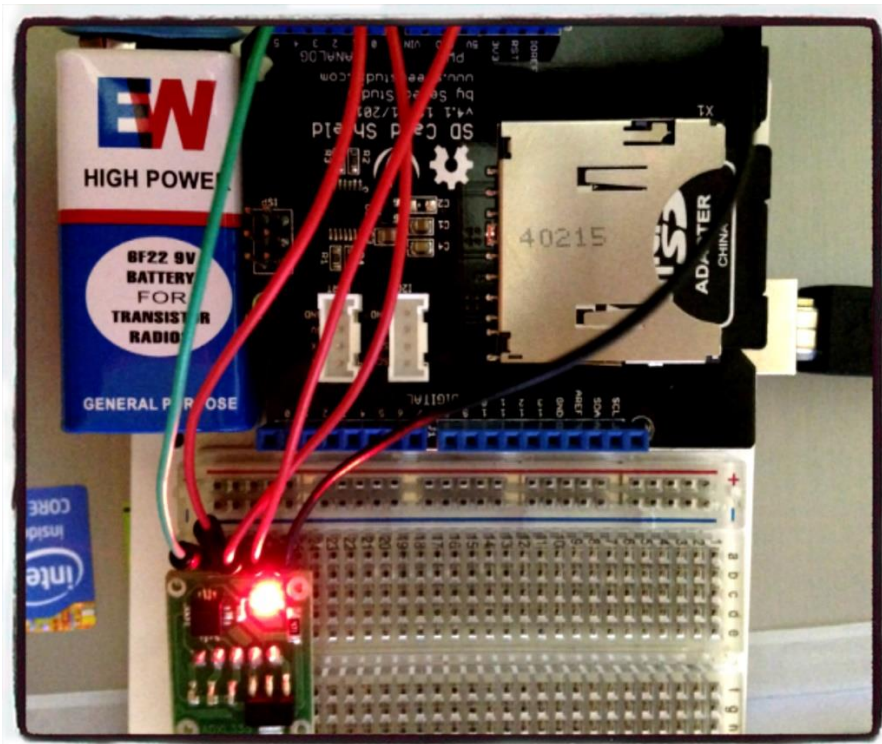
**A smart shoe based environmental pollution and human activity recognition system**

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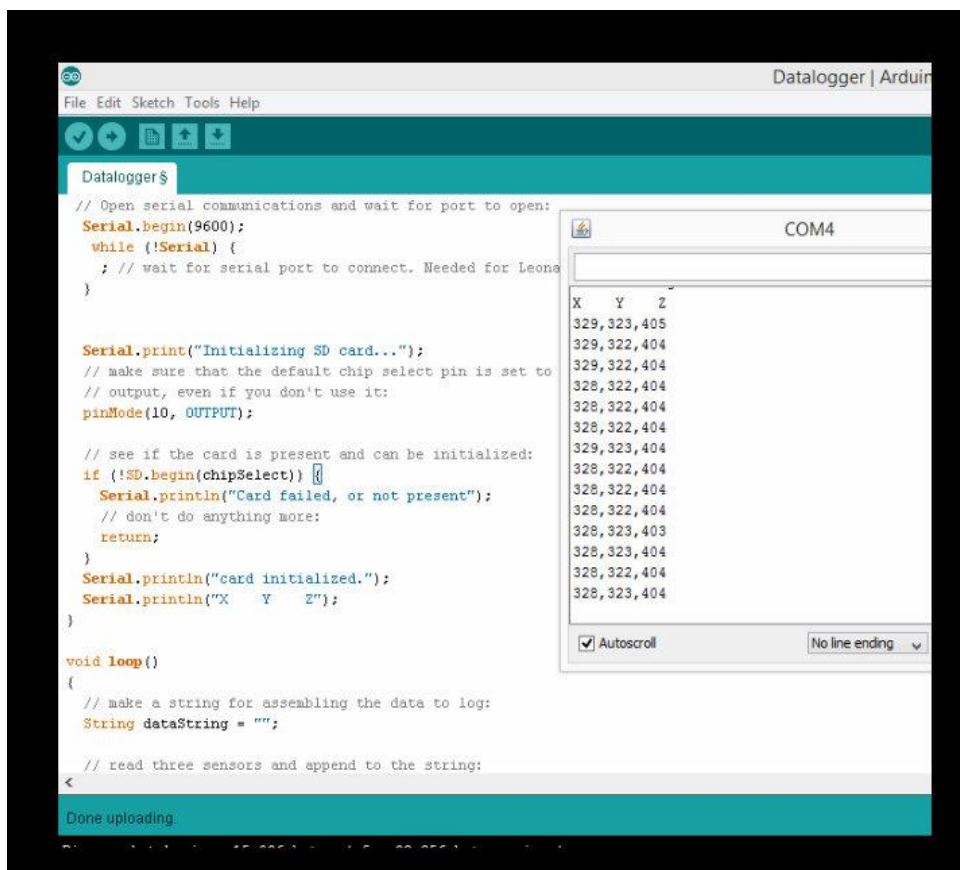
## Prototype of our project



**Figure 1:** Shows the various sensors to measure the health activity of a person in a shoe based device. This work was carried out by us at the HiDES lab in IIIT-Bangalore.



**Figure 2 (a):** A tri-axial accelerometer along with a SD card shield and a 9V battery.



**Figure 2 (b):** The data from the tri-axial accelerometer is logged onto a SD Card using SD card shield that is compatible with Arduino platform.