Description of Project Goals

There were four goals for this project.

1. Design a sensing strategy and mechanism that fulfills the previously described design requirements.
2. Implement the strategy in the simplest, least expensive way possible.
3. Characterize properties of the sensor, including linearity of response, susceptibility to interference, stability of measurements over time, sensitive, and range.
4. Develop several possible approaches to making the sensor practically useful within a sensing system.

The fulfillment of these goals is described in the following sections.