

Electronic Components Needed

- Particle Photon
- 9 V Battery
- Voltage Regulator (9V to 5V)
- Ultrasonic Sensor (HC-SR04)
- 1x4 Keypad with 5 Pins

*Please note that we use Google Sheets as a “backend” and use IFTTT to send data from the Photon to Google Sheets.

Code Needed: all code is attached in zip

The css, js, and html in order to run the dashboard

- When running the dashboard you simply need to “authorize” and any person can see this data (for the purposes of reviewing)
- If running locally this will not work due to Google API restrictions
- <http://web.mit.edu/eeastman/www/safelid/safecup.html> (Select Authorize and use any gmail account to see the data for “my” drinking)
- Also note that the applet (IFTTT) turns off when it is overactive or inactive

The code to run the Photon, IFTTT listens for specific events and writes to Google Sheets