**Types of Data Generated**

1. **Ultrasonic Sensor data:** Measures distance between the sensor and the object.

* Distance
* Status of lid

1. **Servo motor data:** Data related to operation of the lid.

* Angle
* Movement commands

**Storing data:**

We plan to use a pushing box to store and send it to a spreadsheet it will protect the data being sent.

The Arduino Yun has a micro-SD card which can be used to store sensor data in a simple format. It can also save CSV files which will record distance measurements, timestamps and servo movements.

**Data management:**

Data management will all be done through spreadsheets.