**Recycle Sorter Meeting #3 - 19/10/17**

# Attendance

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| **Name** | **Attendance** |
| Jainil Gandhi |  |
| Akif Manzoor |  |
| Danielle Galarneau |  |
| Ibrahim Chohan |  |
| Uneeb Islam |  |
| Dirieh Mahdi Ali |  |
| Aaron Knapper |  |
| Amy Li |  |
| Sana Zahid |  |
| Wilfried Tanezick Dondji Fogang |  |

# Updates

### Mechanical:

* Ibrahim looking at force sensors (yoda can sense the force)

### Electrical:

* Still need to do metal detector

### Software:

* Detected Tims cup (Prototype)
* Talked to professor (Jochen Lang)

# Tasks

### Mechanical:

* CAD Gutter Line
* Design & CAD Weight Sensors
* Parts list (on Oct 20th)

### Electrical:

* Research Plastic Sensor (Aaron)
  + Capacitive sensor?
  + Low-cost spectrometer?
* Research Paper Sensor (Sana)

### Software:

* Calculate Volume (Uneeb)
* Meet with Professor Jochen Lang to find options for Object Detection (Akif)
  + Will meet during reading week, time and date TBD
  + He was able to detect a tims cup (MUCH better than ours)
* Research: Open Detection (Akif)
* Research: Clarifai (Akif)