* Large dustbin ~ 1200
* Ultrasonic sensor (4) ~ 150\*4 = 600
* Arduino (from lab)
* Motors for hands and base (7) ~ 150\*7= 1050
* Large box for grabbing (will use an old box at home)
* Rods for arms (Curtain rods) (will use old ones at home)
* Big Motor for piston ~ 1000
* GSM Module (from lab)
* Breadboard, connecting wires etc (from lab)
* Materials for base and piston ~400 (from lab, home etc)

Deliverables

A robot that-

* collects small scattered garbage around it
* Prevents overspill of garbage and compresses its contents
* Sends a signal to the authorities when the garbage exceeds a certain level