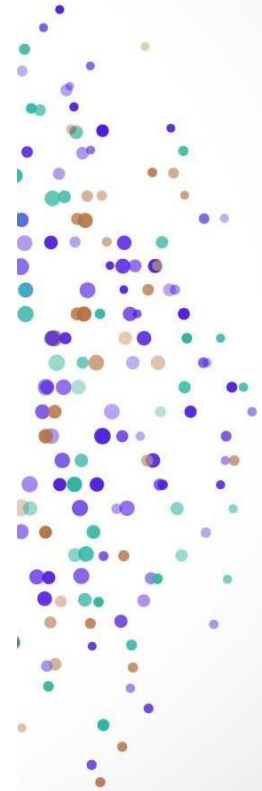
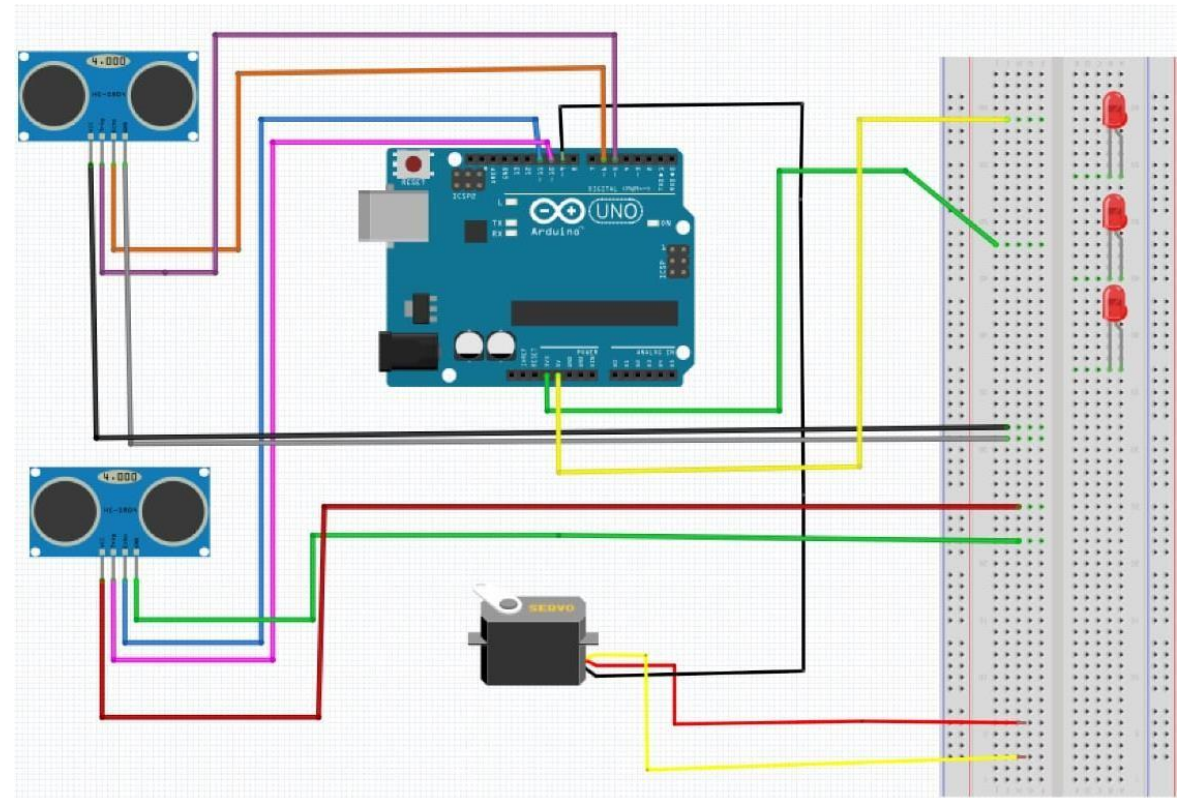


SMART TRASH BIN



Final Schematics

- This model includes two aspects
- One aspect deals with the automated lid opening and closing
- The other aspect deals with the garbage monitoring system
- The outputs are mechanical (Servo motor) and visual (LEDs)
- Both are controlled by an Arduino UNO Board



Final Project

Ultrasonic Sensor:



Arduino UNO:



Breadboard:



Servo motor:



LED:



Wires:





Unique Features

- Automated opening/ closing
- Garbage monitoring system
- Efficient waste disposal

Video



Thank You!

