

807

TRASH SYSTEM



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F11215124
F11215121

SOUND CLASSIFIER

F11215117
F11215112



Overview

The Smart Trash Classifier sorts waste into CAN, PLASTIC, and OTHERS using sound analysis via a Wio Terminal and Edge Impulse.



Functionality

A Wio Terminal analyzes the sound, controlling a rack-and-pinion gate and a rotating container via servos.

Data collected



Plastic
bottles

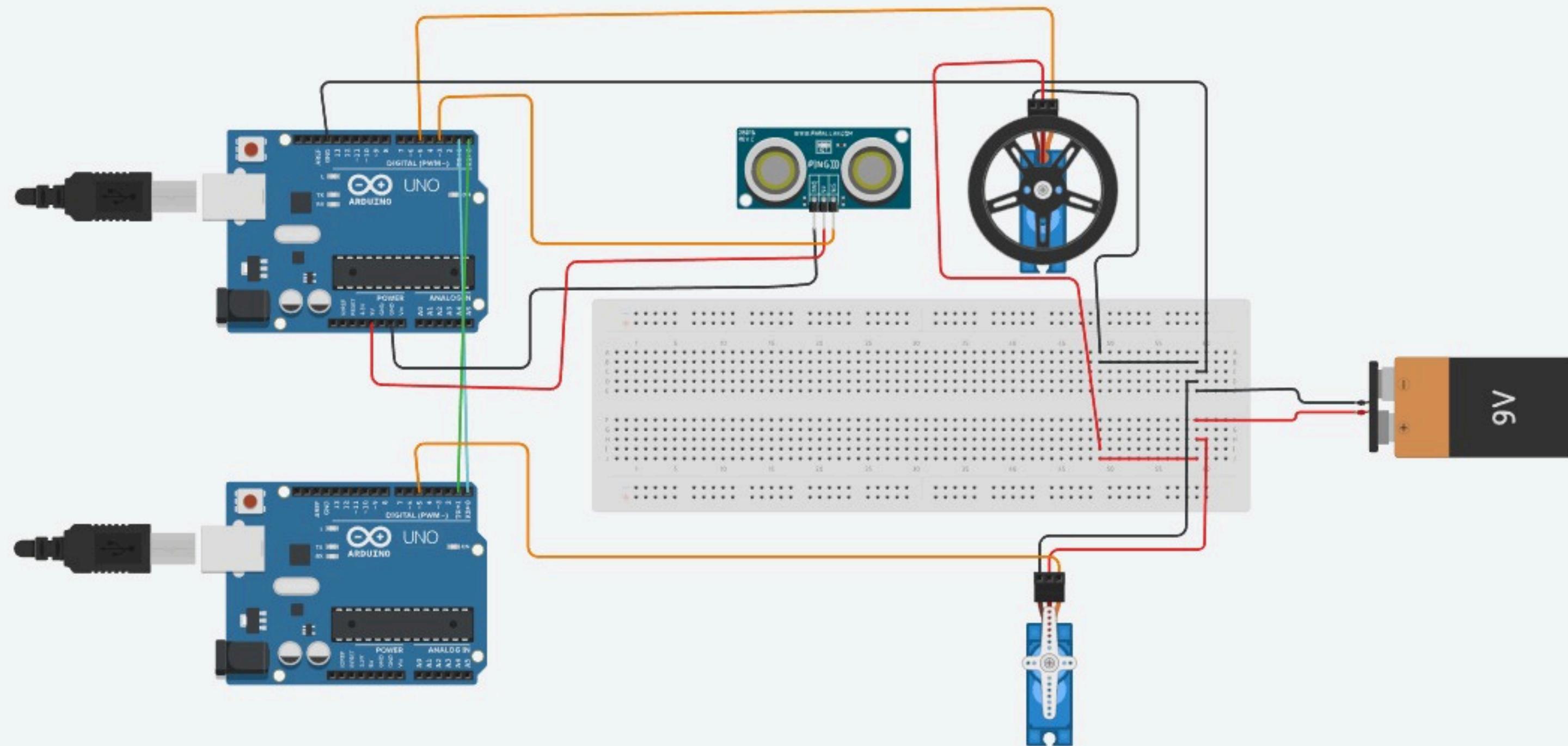


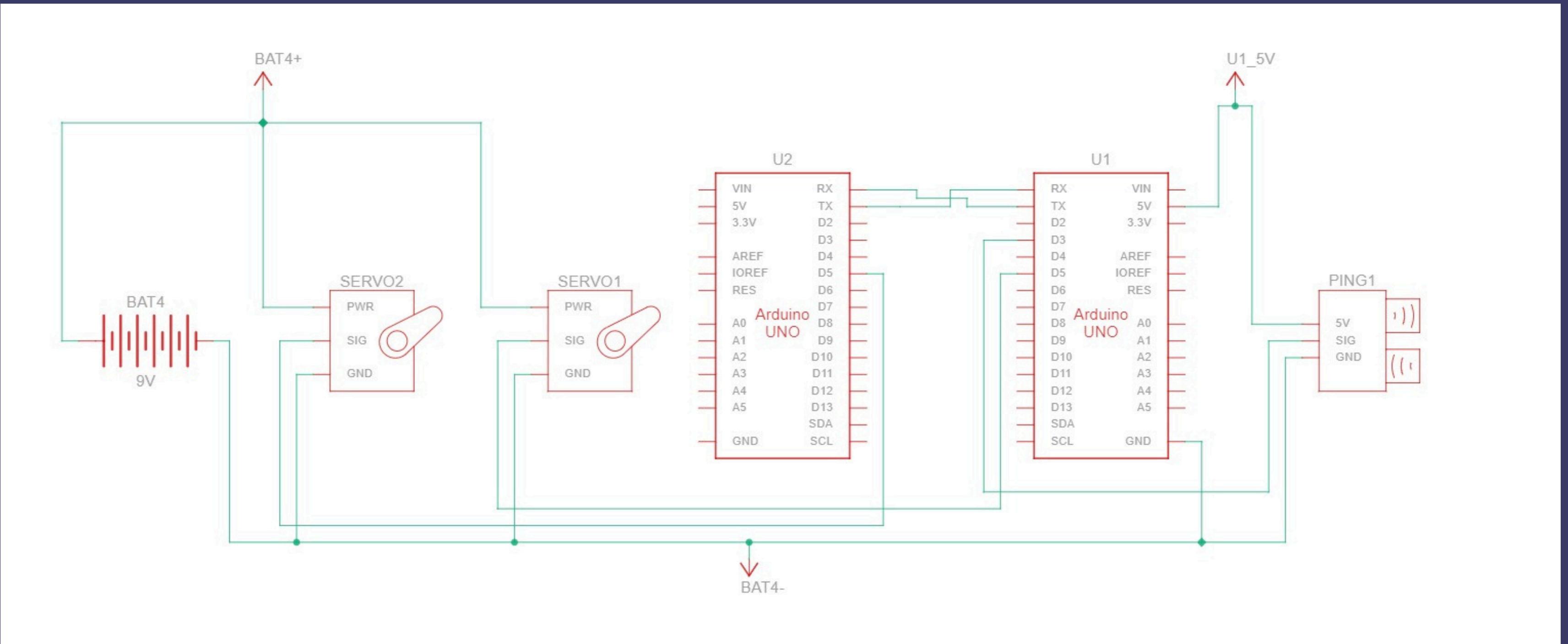
Metal can



Others

DESIGN





DEMO











SPECIAL THANKS



Juanma y
Mateo



Leandro



Pilon y
Cristian