

HELLO

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“KITTY”

# Inspiration

We want to explore and study the development of cats in the future world. With the development of the times and the advent of digital technology, with the continuous improvement of human civilization, how will cats develop in the course of human development, and what will the pet cat of the future be like?

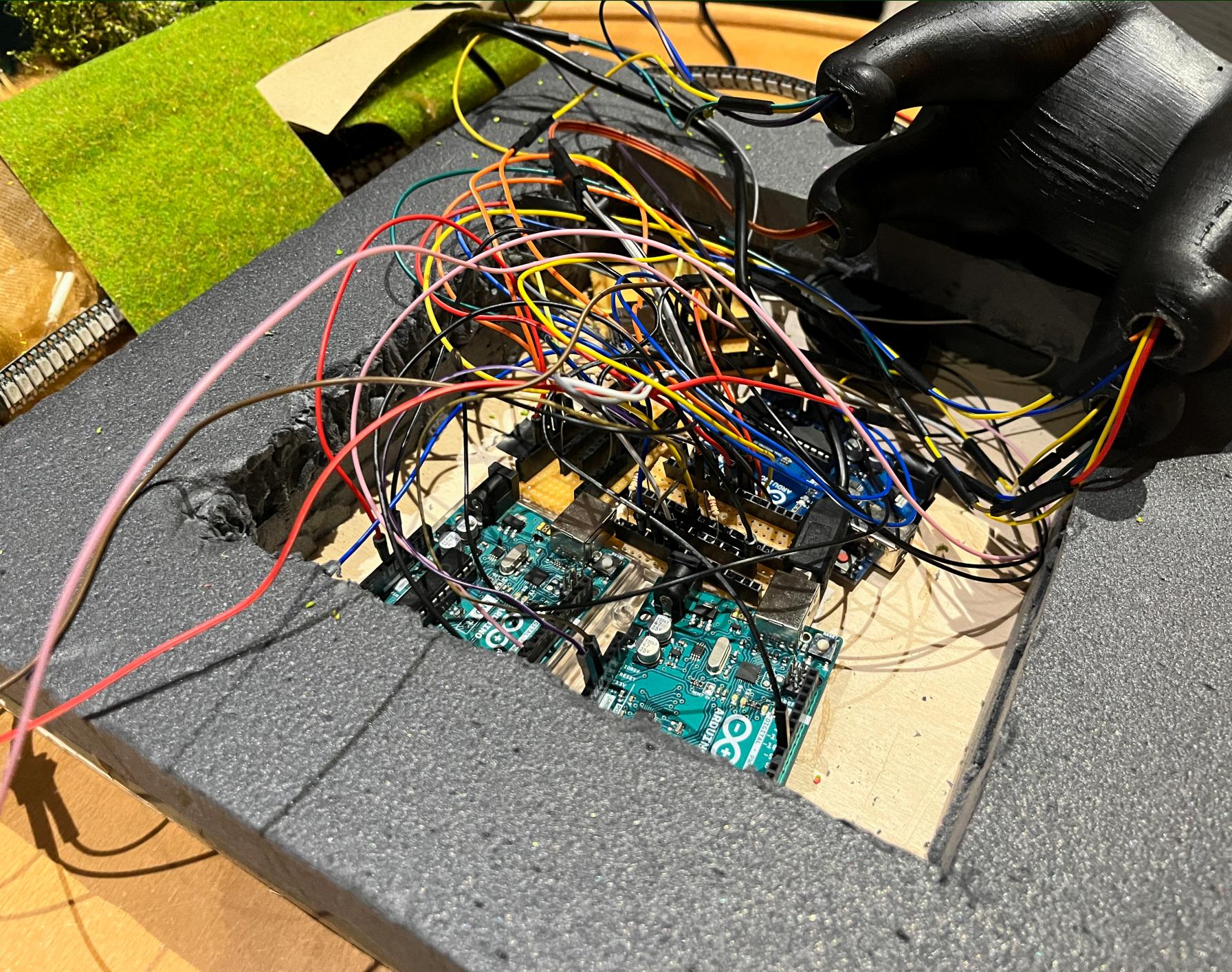


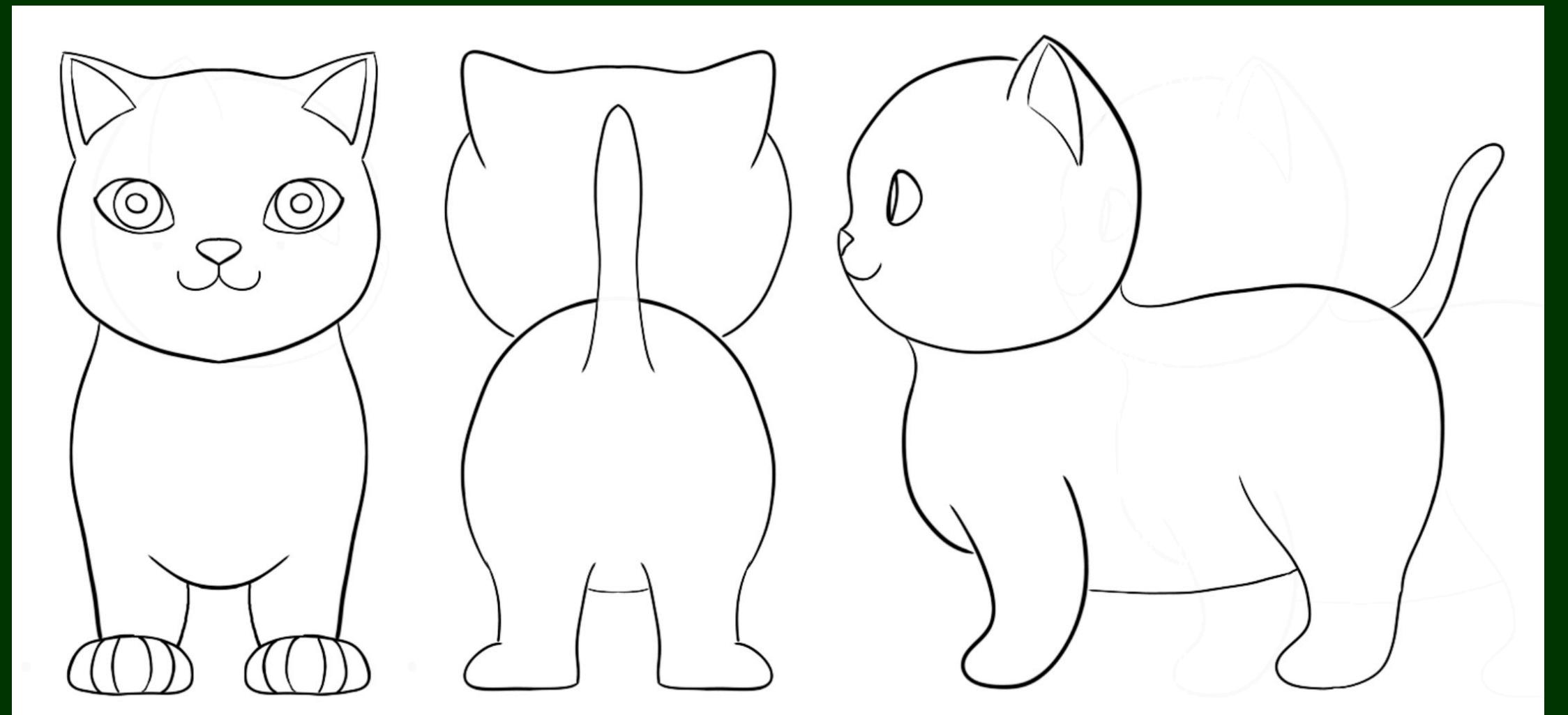
# Inputs & Outputs

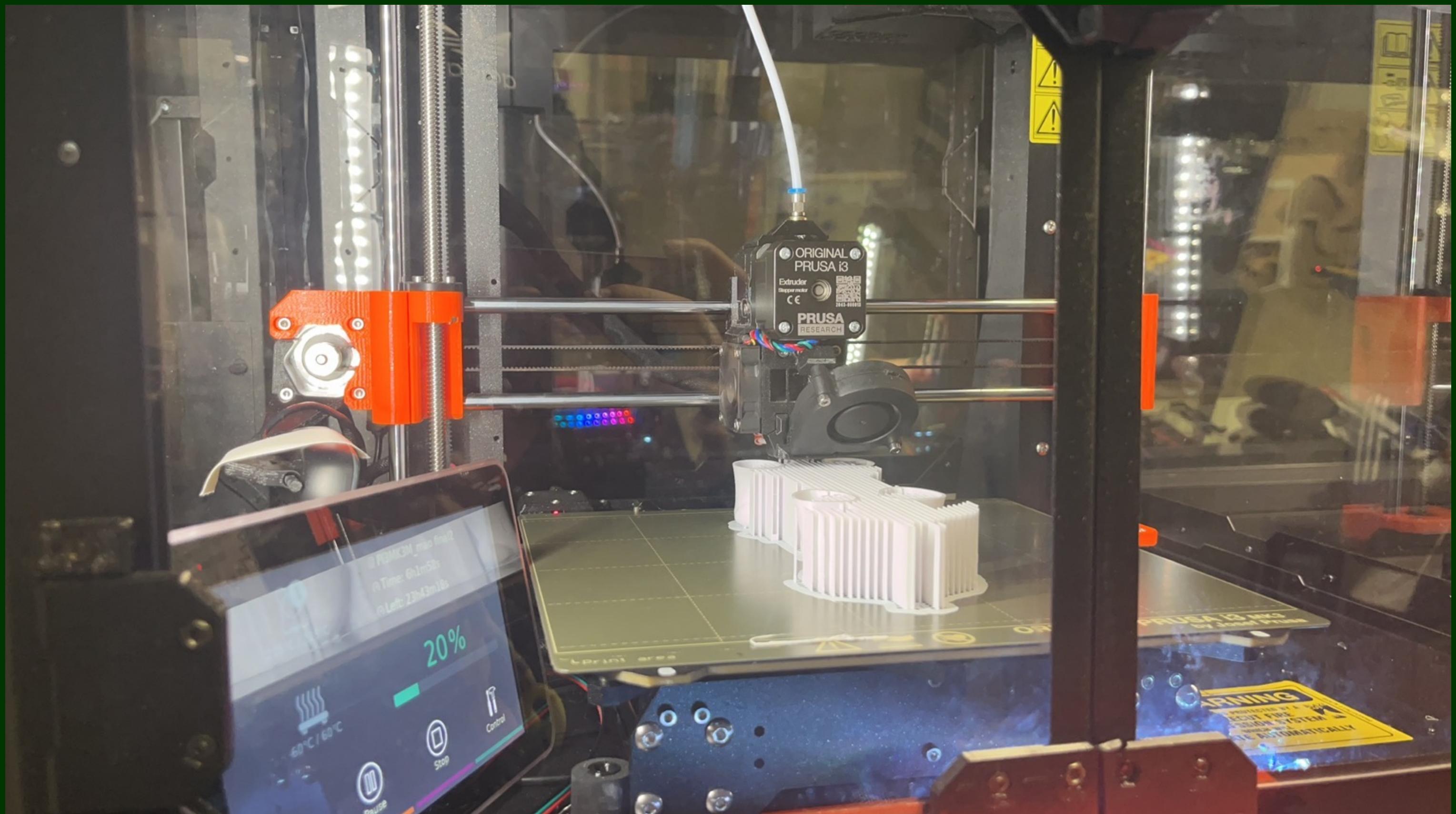
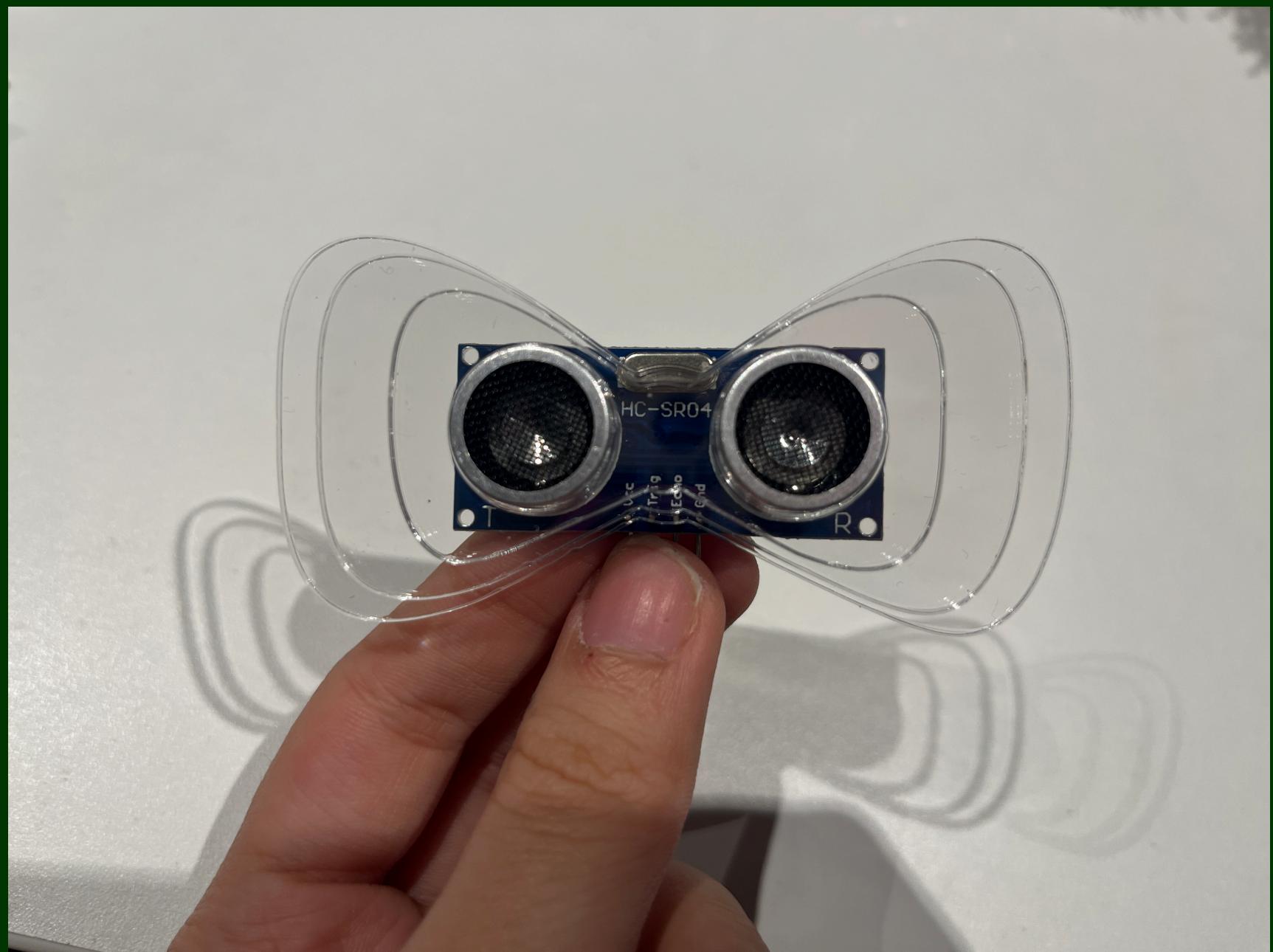
In this project, we used three inputs and five outputs. inputs are two photosensitive sensor and ultrasonic sensors. outputs are two lights, an mp3 module, a servo and a light strip.

A photosensitive sensor controls the rotation of the servo on the cat's tail respectively, and another photosensitive sensor controls the light strip on the background decoration.

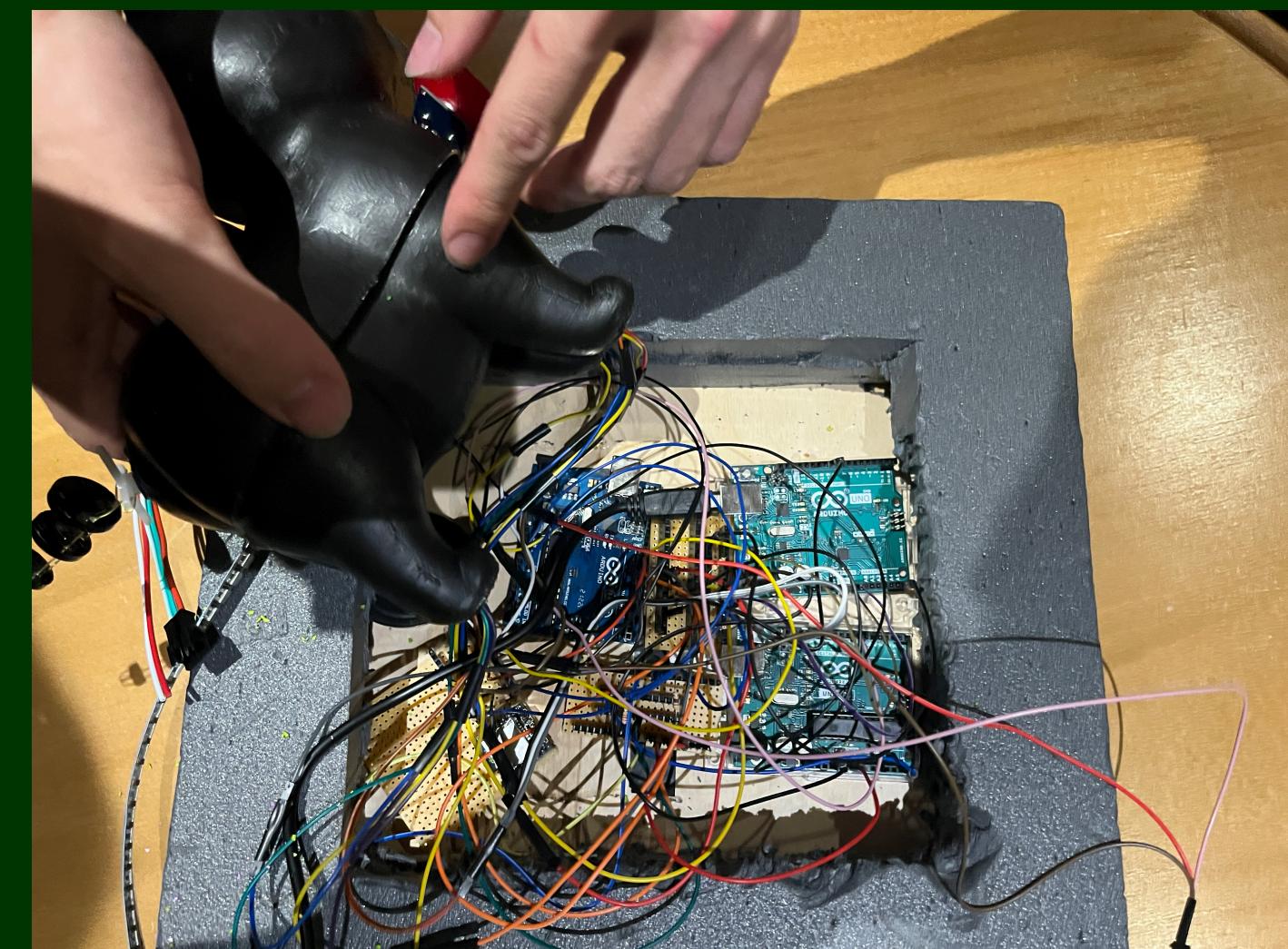
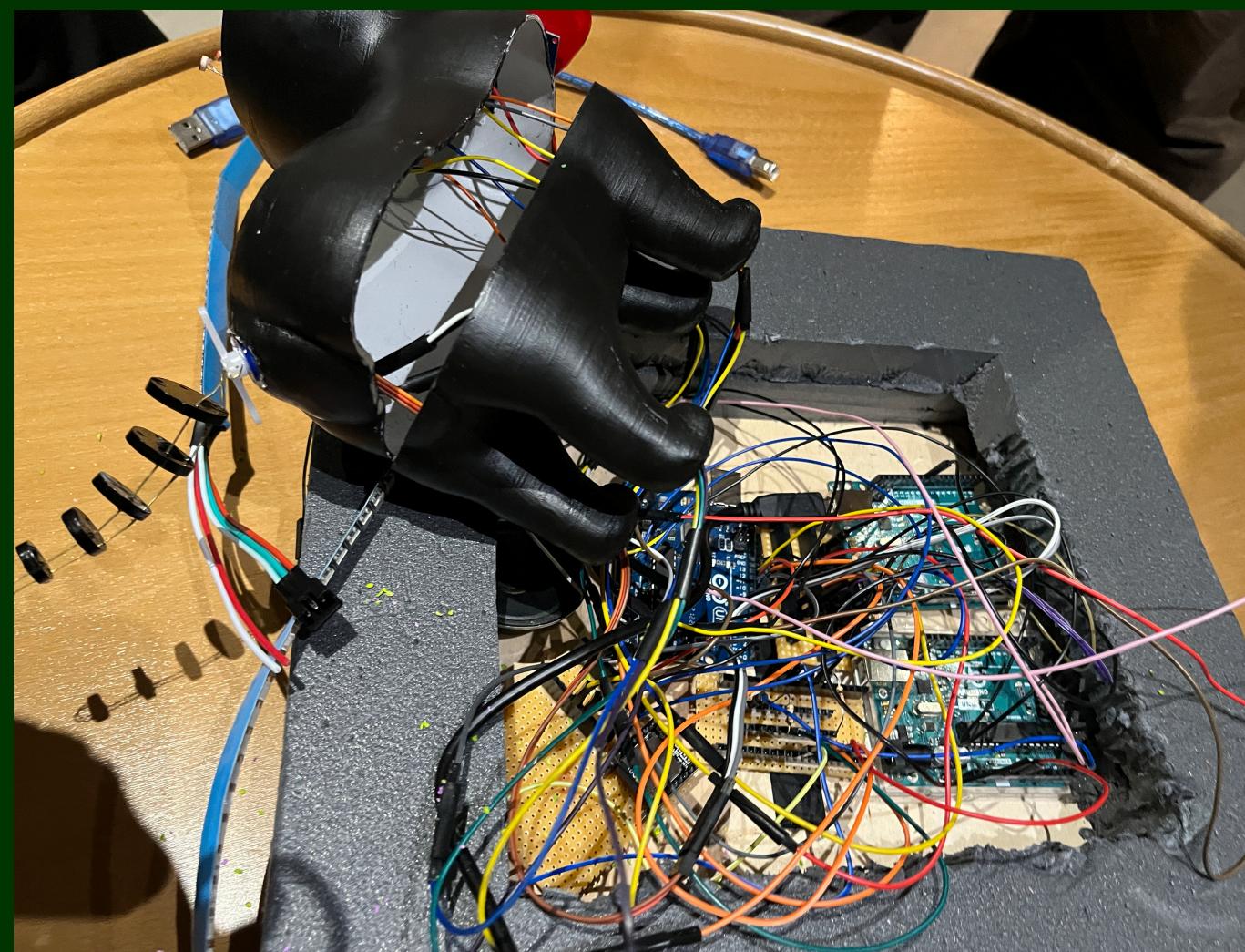
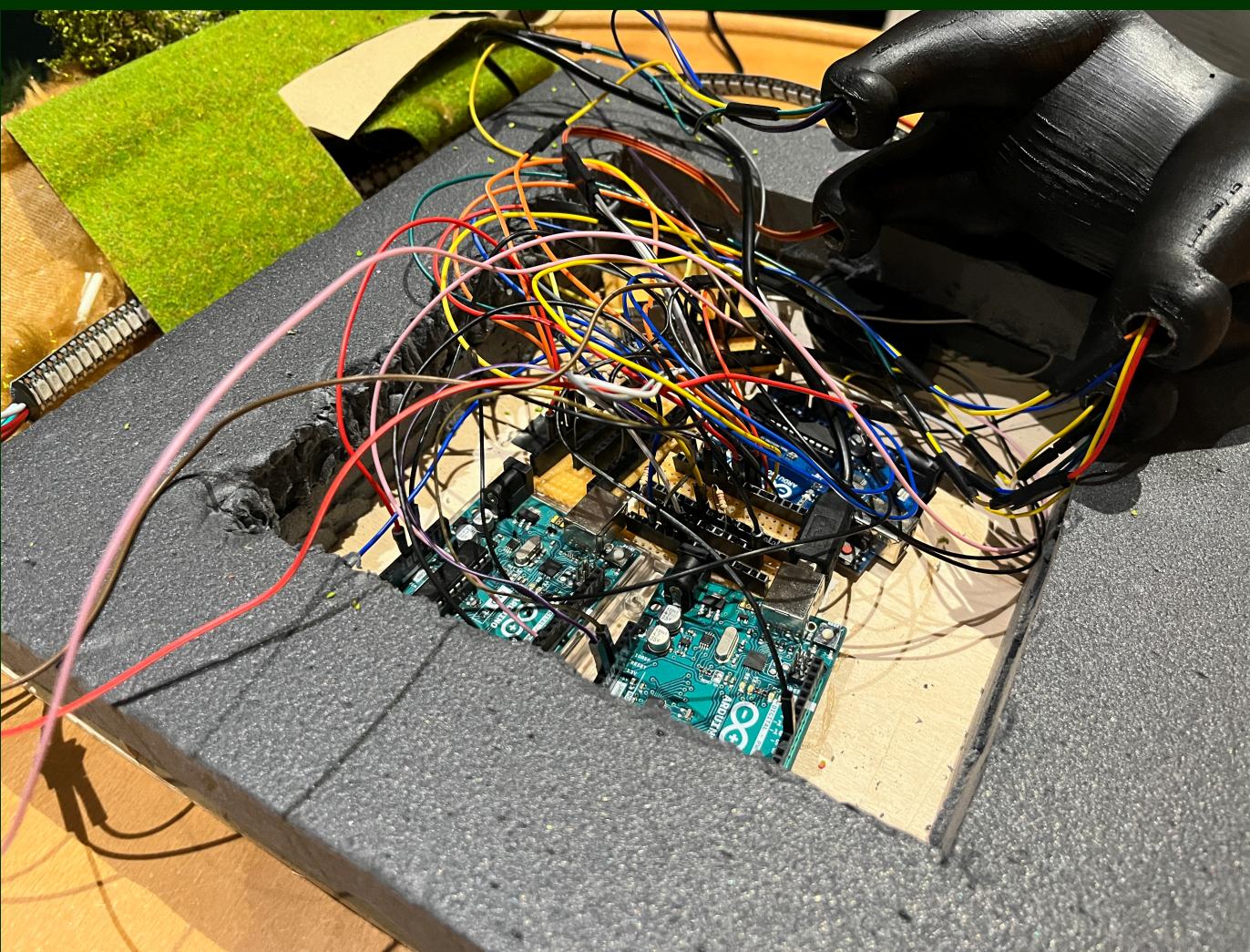
The ultrasonic sensor controls both the light in the cat's eye and the mp3 module inside the cat.







# Challenge



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