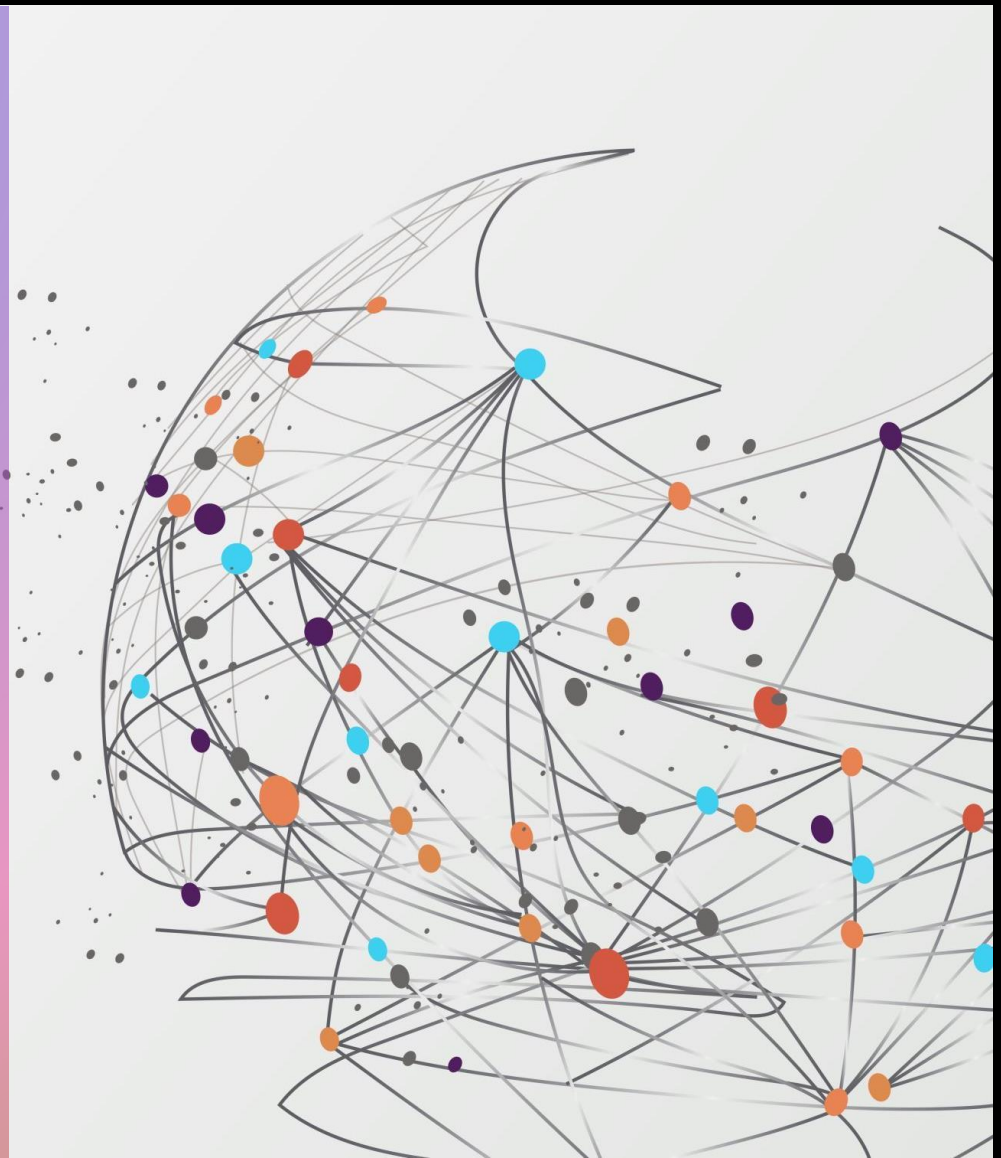


Sign Language Glove

By Mostafa Ibrahim

& Mazen Adeeb

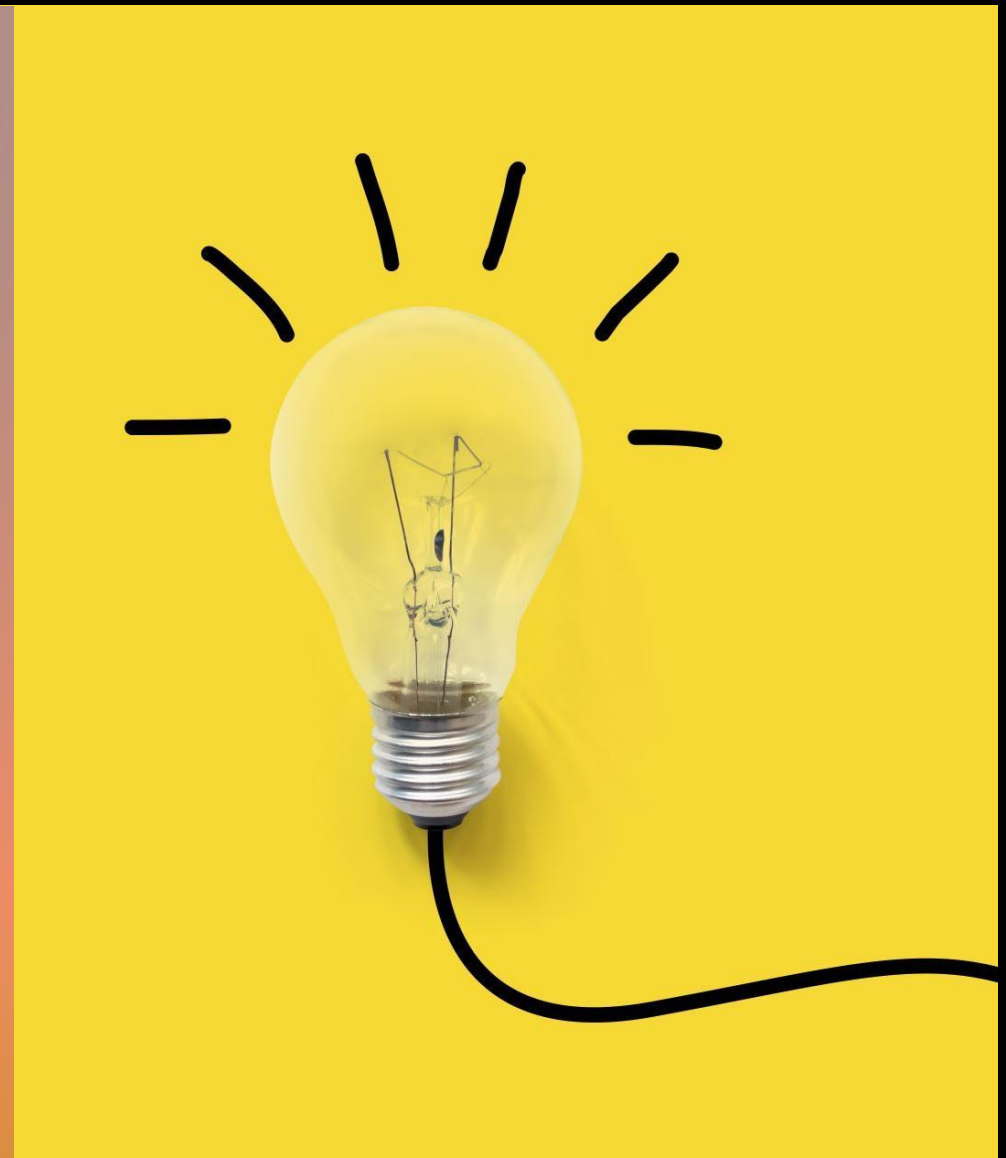
& Mohamed AboSena

It can help making deaf people's life better

- This glove prints some previously programmed messages depending on the movement of person's fingers or the shape this person is making by his fingers

Used Drivers

- ADC
- LCD



It's Working Concept

Product Structure

Glove

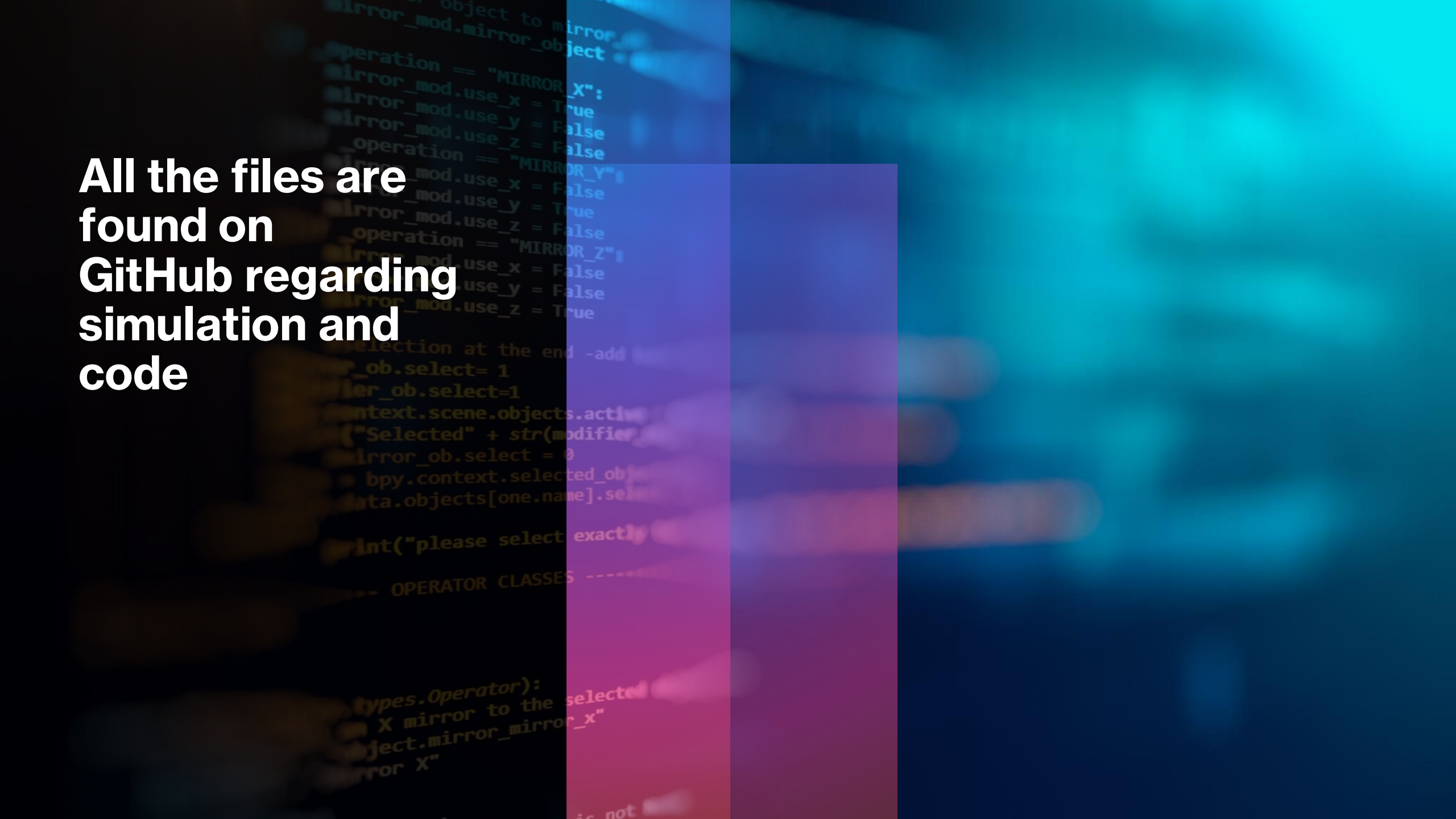
The glove consists of 5 bendable resistors that act as sensors for the fingers movements.
The bending translates to voltage change which the microcontroler reads.

LCD

Prints message depending on the fingers position.

ATMEGA-32

The logic handling microcontroller that connects all of the components together.


All the files are found on GitHub regarding simulation and code

Thank you

You Can Contact us Through: