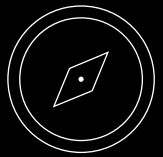




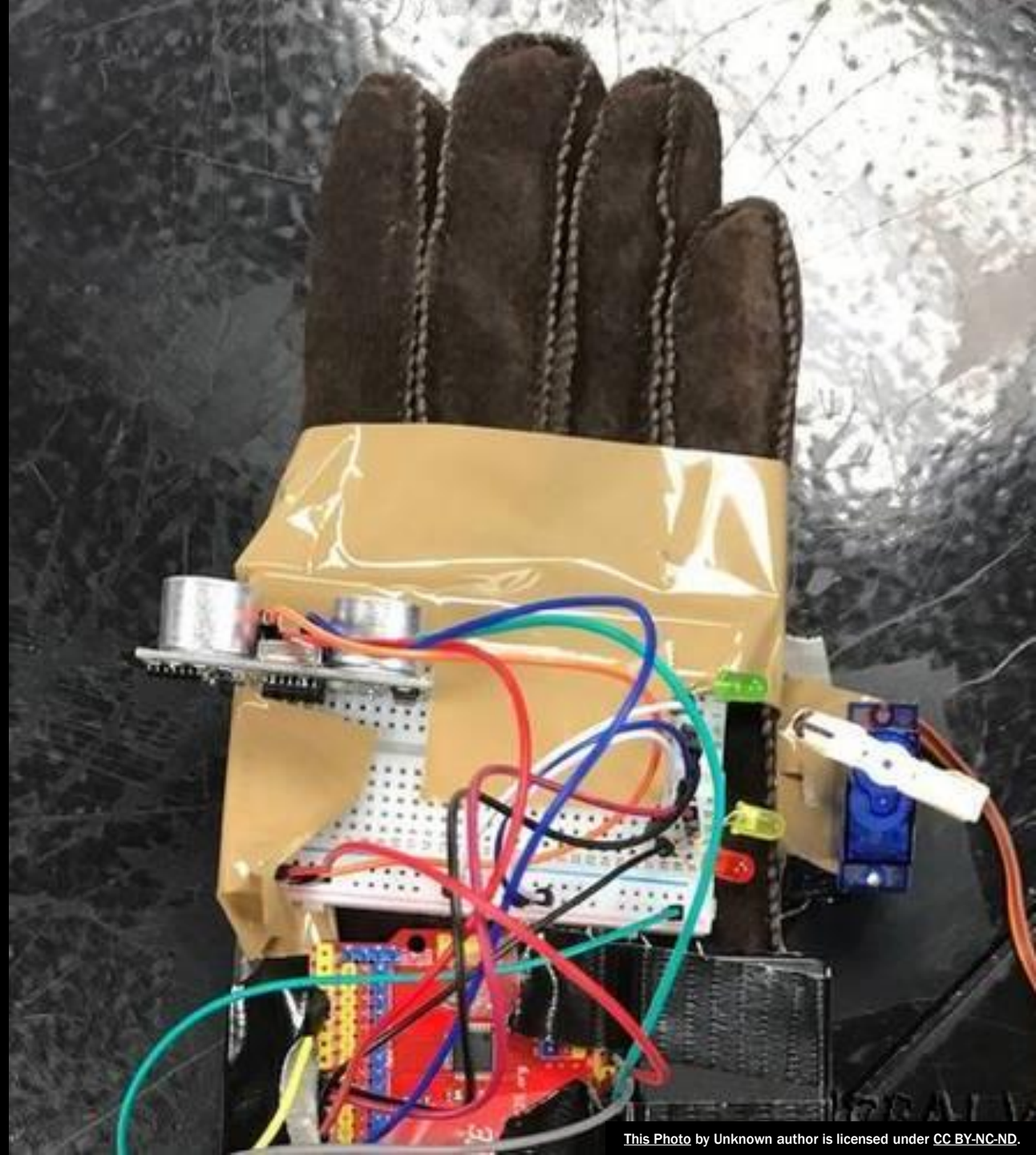
MICROCONTROLLER PROJECT PROPOSAL

Made by 1805091,1805095 & 1805120.

THIRD EYE FOR BLIND- ULTRASONIC VIBRATOR GLOBE



With Direction Sence.



ADVANTAGES:



Able to Share Location using GPS



Ultrasonic Based Obstacle Detection



- No Need to Carry System as it is mounted on Wearable Gloves



- Silent Vibration Alert on Gloves



- Light Weight System



Direction sense

COMPONENT

ATmega32

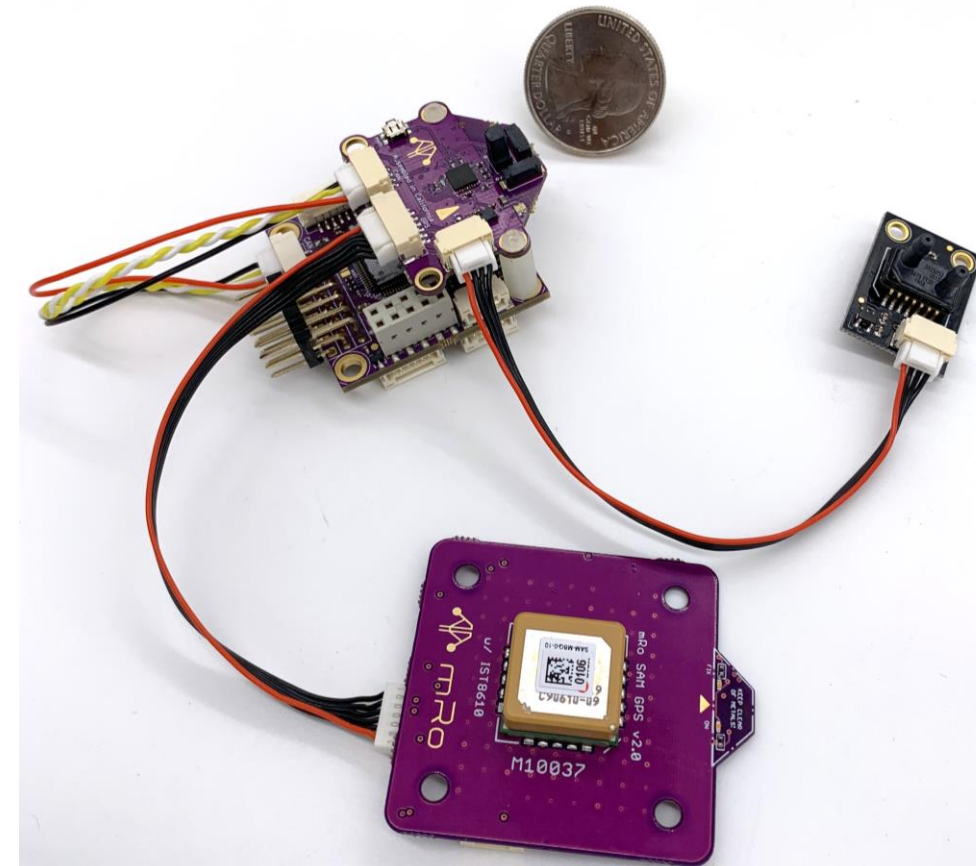
Vibrator Motor

Ultrasonic Sensors

Compass Sensors

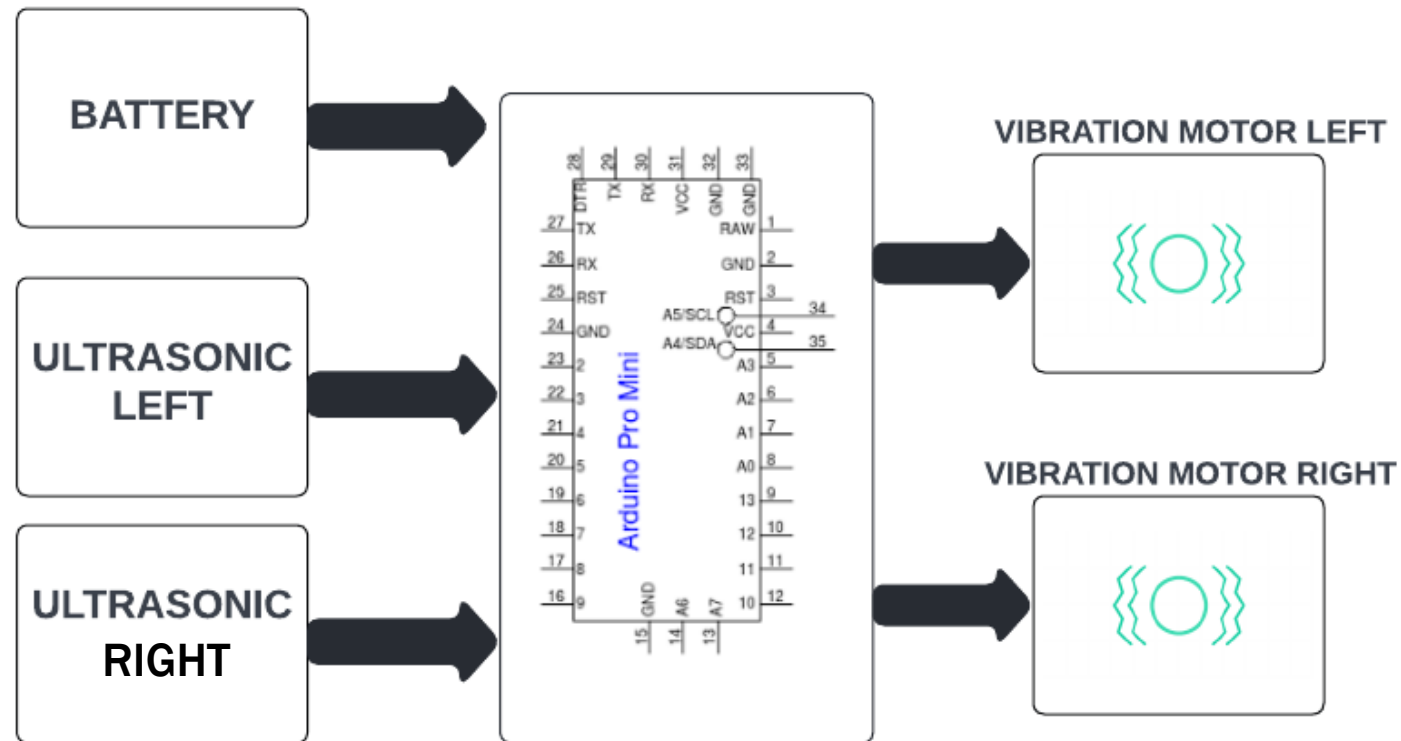
GSM Module

And supportive component



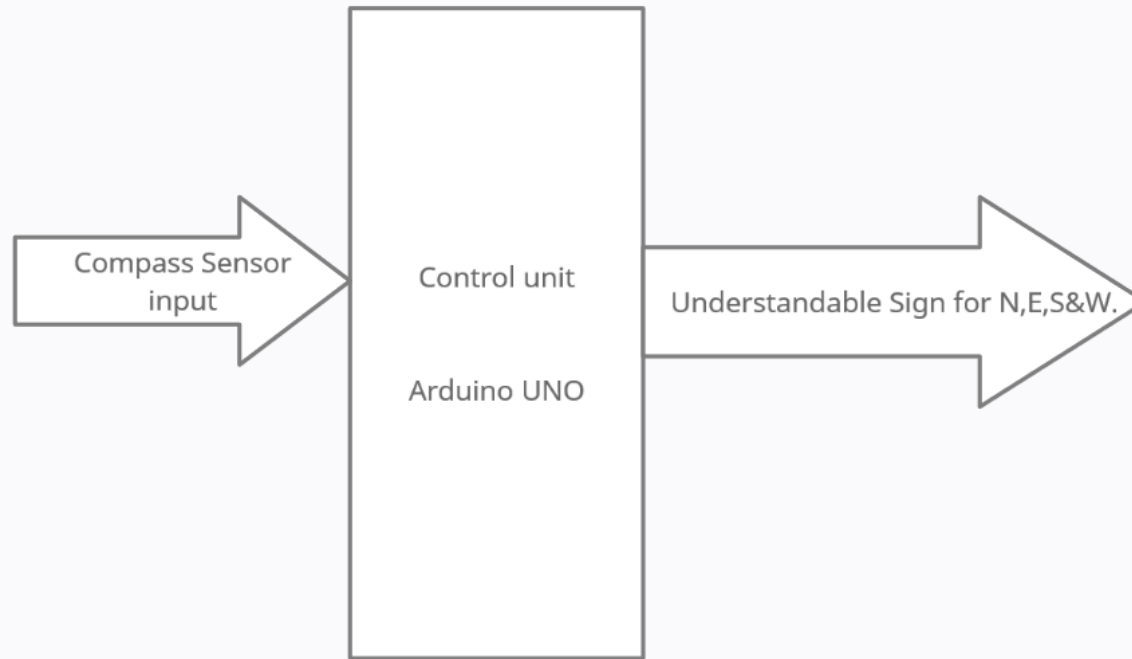
BLOCK DIAGRAM

For Ultrasonic Sensor:



BLOCK DIAGRAM

For direction:



FUTURE SCOPE

- Use image processing to detect object hence create signal to help especially crossing the road.
- May be, can connect with GPS system & Maps so that one can go anyplace by himself.





**ANY
QUESTION?**

SUGGESTION



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An aerial photograph of a multi-lane highway bridge spanning a body of turquoise water. The bridge has several lanes in each direction, with white lane markings. Several vehicles, including trucks and cars, are visible traveling across the bridge. The water is a vibrant turquoise color with visible ripples. The text "THANK YOU" is overlaid in large, white, bold, sans-serif capital letters across the center of the bridge.

THANK YOU