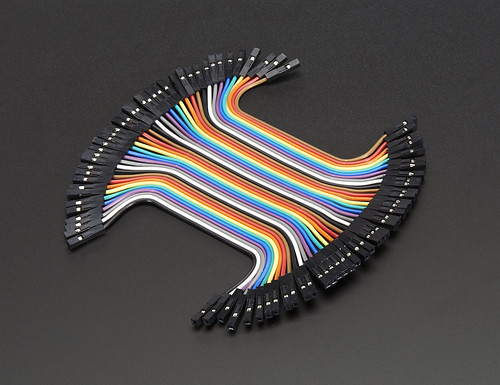
Automatic Toll Gate

The idea is very simple, it is an automatic toll gate which permits the vehicle passing in front of the sensor to open the gate with the help of the servomotor, and has a delay of 3 seconds after the car passed the sensor to close.

A blue circuit board with black background

Description automatically generatedA small blue electric motor with red wire and screws

Description automatically generated **The components I used**

Jumper wires

Arduino Uno

Ultrasonic Module



Servomotor SG90

Cardboard

A close up of a box

Description automatically generated

**Arduino Code**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Project Images**

In the cardbox the have the ultrasonic module, and on the left is the servomotor with an gate made of cardbox.

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A box with a circuit board and wires on it

Description automatically generated

A wooden box with wires and a power strip

Description automatically generated