



# BICYCLE SENSOR

The Bicycle Sensor project consists on the development of an automatic safety system using an ATMega2560 microcontroller, providing audio and visual warnings for distance detection, low light conditions and real time speed measurement.

This will be implemented with distance and light sensors, as well as led's and an LCD display for output. The end result will be a fully automatic system, needing only to be plugged in to the power supply.

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## SYSTEM LAYOUT

