**Arduino RADAR Model using Ultrasonic Sensor for Detection & Ranging**

In this project we have designed Arduino RADAR Model using Ultrasonic Sensor for Detection & Ranging. RADAR is an object detection system that uses radio waves to identify the range, altitude, direction and speed of the objects. The radar antenna transmits radio wave pulses that bounce off any object in their path. The object returns a portion of the wave received by the receiver which is in line of sight with the transmitter.

This Arduino RADAR project aims to achieve a radar system prototype based on an Arduino board, capable of  
detecting stationary and moving objects.

