



CAR Collision Avoidance Robot

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This document is the report concerning the **project** done in **winter semester 2016** by our group. The group is composed of **two** students who studied Computer and Systems Engineering on the fifth academic year at Zagazig University, Faculty of Engineering.

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Participants:

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Abstract:

The robot consists of a car that avoids collisions by taking another path free of barriers. It uses an ultrasonic sensor to sense the obstacles then take a decision according to the input signal and the prespecified responses.

Keywords:

Robotics, Mechatronics, Embedded Systems, Control, Simulation, Arduino