First International Undergraduate Research Conference, IUGRC

Military Technical College, Cairo, Egypt July 25 – 28, 2016



ECE-13

## Vehicular Checkpoint System

*Ebrahim Hassan, Badr Ahmed, Mahmoud Maher, Mahmoud Mohamed Helwan, Egypt, ebrahimhassan107@yahoo.com, badrahmed346@yahoo.com,* 

mahmoud maher12345@yahoo.com, mahmoudfcih2012@gmail.com

Supervisor: Prof. Rowayda A. Sadek, Faculty of Computers and Information, Egypt, <u>rowayda\_sadek@yahoo.com</u>

As there's a connection between the checkpoint and the vehicle, then the communication between the car and checkpoint can execute even before the car reach the checkpoint, so we will use this communication to reduce the waiting time that cars spend while waiting in checkpoints. Also help to make the check operation itself more easy, fast and mostly automatic. Minimize the high traffic jam around checkpoints. Also provide a methodology to identify the property to cars, so recognize the stolen ones.