

### 5.1 Conclusion

The suggested system is useful in tracking the regular traffic and check irregularities in the way, the speed in accessing& collecting information of the vehicle is required to identify the stolen & illegal cars. This has been applied in many areas, such as the registration daily tickets and control the international borders, and are likely to be applicable in several other areas

This system is implemented using MATLAB, which uses a series of image manipulation, processing techniques and storage the extracted result into the local hard drive, and then send it to the server, which is where the data baseof the LP full information and then view the results of the match on the Web page.

This algorithm has many advantages such as authenticity, high success extraction rate, small execution time,and converting to the automatic entering of LP replacing the manual input. We have applied this algorithm in many of license plate sample image, and it proved proficiency and accuracy.

With a note of the capacity of the system in dealing with various cases of input LP, whether found a result in the database, there is not result, but in some rare cases, the system couldn't identify the characters.

This system could contribute to the improvement of the efficiency of daily violation control by ensuring archiving of all violations, with the possibility of obtaining data saved in all cases that were entered to the system.

### **5.2 Recommendations**

This project discuss ALPR algorithm, and the implementation of this algorithm into a functioning system, with a performance testing to ensure the improvement of the violations control system. For the future work the suggestions are made that to:

- Develop the client portion of the system, and connect the client to the server implemented in this project.
- Make the system more realistic by making the algorithm capable of extracting characters from non-LOS LP.
- Use this algorithm in developing a full automatic system, by increasing the capability of the algorithm and combining it with a RADAR gun.