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## *Garage Door Opener based on Image Processing*

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### **Problem Statement**

Design and implementation of a garage door opener. Unlike the traditional garage opener that uses a remote control, the system analyzes images of approaching cars and opens the door when a recognized car plate is identified.

### **Outcome**

Prototype of the a sytem that recognize cars' plates and checks if it is regesterd on the system or not, the allow it whether to enter or not base on LED

### **Requirements**

- a. Accurate identification of car plates.
- b. Should open the gate in a short time.
- c. Notify the user when a recognition is succeed or failed.
- d. an automatic way to exit the garage.

### **Advisor**

Dr. Ahmad Al-Melhem.

### **Team Members**

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# Timetable

