REMOTE MOTOR 1

(AUTOMATIC LOCK ENTERANCE GATE CONTROLLER)

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ABSTRACT

Final project is a part of a course structure as a fulfill for students in their final year. The project is compulsory to us as a final year student for course Diploma In Electrical Engineering. The purpose of this project is to produces a student a main power with a very high skill and able to handle a responsibility given like a project. They should prepared to deliver a creativity ideas and good interpersonal image to their future employer.

It can make students used all of their knowledge, creative and skills to purpose, create and trouble shoots the project. It is because all of the theories and skills, they have learned from the project 1 and project 2 are used.

As the time change, the way of life is also change with them. Nowadays, the rapid changes in quality of life require new technologies so as to fixed with them. It is necessary to design new system that can make everything as simpler as possible to operate.

The main purpose of this project is actually based on the needs of some peoples nowadays to overcome obstacle in their everyday life. This project offers use an automatically to open the gate with using a motor to operate it. The motor is connected to the receiver circuit. When a receiver circuit received a signal from transmitter, the motor will move to the right or the left with following the signal it receive. It will cause, the gate can opened or closed.

ACKNOWLEDGEMENT

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Thank You.

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(Hariol Idail Mohd yusof) (Norhafidi Jafar)

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OBJECTIVE

'Remote motor 1' or a specific name *'Automatic Lock Entrance Gate Controller'* is used an automatic system. It is can moved the gate automatically. The most important things by using the automatically goods are denied in this life. It is mean several people are unwilling to work. Applicable to this time, any automatic devices must be easier to use. Beside that, this thing must also look modern and simple.

The gate is fast and Silent Operation. The D.C. motor unit that drives the mechanism has the fastest operation speed in the industry - 8 to 10 seconds for a 90° turn and yet it is exceptionally quiet in operation. Anti-Crush Safety Feature A built-in safety clutch system suspends the movement of the gate should it encounter any obstacle in its path to prevent injury or damage. Durable and Weatherproof Major component parts are made of tough, durable and rust-resistant materials and the motor drive unit is housed in a weatherproof aluminum alloy casing. Foolproof Security the D.C. lock ensures that once the gate is closed, no unauthorized opening is possible. This will enables the gate to be opened only with a 'Digital Code Lock'.

The most people in this world use a manual gate. With this way, it is wasting time and energy because, the person or consumer must walk out to the gate, if they want close or open the gate.