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FINAL REPORT OF DIPLOMA PROJECT

AUTOMATIC CURTAIN

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Wassalam.

ABSTRACT

Automatic curtain is one of the products that are needed in a smart house. Although it is simple a work to do but it is still important product. This product is produced not for any other reason but to make people life easier since they had work hard all day. Automatic curtain operates by using LDR and infrared sensors. LDR sensor will function only at the morning and night since the curtain will open when it detects light from the sun and will close at night automatically. Due to the LDR sensor operates in the morning and night, infrared sensor is used to open or closed the curtain anytime.

CHAPTER 1

INTRODUCTION

1.1 Background

Before the era of millennium, the government has aimed to be one of the countries that used technology totally. Because of the objective many products that used technology had been produced. Among the product been produced is smart house. Smart house is the safest place since no thieves can break into the house.

One of product in the smart house is automatic curtain. Although we can open and close the curtain manually but the concept of smart house is the operation of the house is automatic. Automatic curtain is designed for people who live in a house either used air-conditioner or not don't use it. The reason this type of product is designed is to make people relax at home from doing simple work. The automatic curtain used the same operation of automatic door, which can be seen mostly at big company. Although it used the same operation, it still has different since automatic door used motion sensor while automatic curtain used light detector sensor and infrared sensor.