FACULTY OF ELECTRICAL ENGINEERING

UNIVERSITI TEKNOLOGI MARA

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FINAL REPORT:

ANDROID WIRELESS CONTROL SYSTEM

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ABSTRACT

The basis of this project was to create Android wireless control system. The idea was to make our work much easier. By using this project we can control the other thing with using our own android smart phone. We choose wireless system is because it much better than the Bluetooth. Wireless system also have their own security, so our project not easily can be disturb by others during the system running. Android wireless control system is a system where it is can be use to control other devices with using wireless medium which is WiFi operator at 2.4 G Hz. The examples are lawn motor, cars and other. Nowadays, most people have their own android devices thus with this system it will make people life more easier with controlling other devices while they rest.

CHAPTER 1

INTRODUCTION

1.1. BACKGROUND OF STUDY

Android wireless control system is a system where it is can be use to control other devices with using wireless medium which is WiFi operator at 2.4 G Hz. The examples are lawn motor, cars and other. Nowadays, most people have their own android devices thus with this system it will make people life more easier with controlling other devices while they rest.

1.2.PROBLEM STATEMENT

In early in this project we choose Bluetooth as a medium to connect an android smart to the circuit, but after doing some research we discover that using Bluetooth as a medium has many disadvantages. The disadvantages of Bluetooth is it can connect in a small area. Then we choose Wi-Fi as a medium. When comparing Wi-Fi, radio frequency(RF) and Bluetooth, Wi-Fi can cover a bigger area than Bluetooth and when using radio frequency it can be interrupt by another frequency, so when using Wi-Fi it has its own IP address so other can identify its own IP address. Nowadays almost every people on earth have their own android smart phone. It is such a waste when a high technology is wasted on the phone, when people only used to chat and playing games on it. So we choose to do this project because it help people to do their work become much more easier with just control anything at their own android smart phone.