CHAPTER 1
INTRODUCTION

1.1 Background

There is a toy car that can be controlled remotely. The remote is normally an infra red input. This remote sends an infra red frequency as a command to the toy car.

This project is the same toy car but will be controlled via mobile application. There are several different values for controlling toy cars. The project uses a wifi module called “ESP8266” to connect to the internet and get the value from Thingspeak IoT.

1.2 Scope

The scopes of this project are:

1. Connect the Arduino via Wifi
2. There are 8 commands to control the toy car
3. To translate the command to run the toy car

1.3 Objective

The goal of this project is to control the toy car through Thingspeak IoT server.