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ABSTRACT

The Internet of Things (IoT) is a latest concept of relating physical computing devices or any other objects to internet and can communicate with each other. Each object is provided with unique identifiers and the ability to transfer data over internet network without human intervention and machine interaction. The project targets on a simple microcontroller, NodeMCU with connection to the wireless weather monitoring system. This system will monitor weather condition using two sensors such as temperature & humidity sensor and rain sensor. It then displays all data in Blynk application. The project have been developed by using NodeMCU, DHT 11 temperature & humidity sensor and rain sensor. It is suitable for monitoring weather in any place and any time.

**Keywords**: Internet of Things (IoT), Blynk Application and Weather monitoring.

CONTENTS

Acknowledgement………………………………………………………………....i

Abstract…………………………………………………………………………….ii

List of Tables

List of Figures

**CHAPTER NAME PAGE NO.**

**1. INTRODUCTION 1**

1.1. Introduction to the project 1

**2. LITERATURE REVIEW 3**

**3. INTRODUCTION ABOUT IOT 4**

3.1. Introduction to IOT  4

3.2. Overview of IOT 5

3.2.1. Architecture of IOT 5

3.2.2. Features of IOT 7

3.2.3. Advantages of IOT 8

3.2.4. Disadvantages of IOT 8

**4. DESIGN OF HARDWARE 10**

4.1. NodeMCU 10

4.1.1. NodeMCU Module-ESP8266 10

4.1.2. What is NodeMCU? 11

4.1.3. The NodeMCU Pin Schema 12

4.1.4. History of NodeMCU 13

4.1.5. ESP8266 Arduino Core 14

4.1.6. Pin Description of NodeMCU 15

4.1.7. Electrical Characteristics 19

4.1.8. Features 19

4.2. DHT11 Temperature and Humidity Sensor 19

4.2.1. What is DHT11 Sensor? 20

4.2.2. What is the use of DHT11 Sensor 20

4.2.3. Working Principle of DHT11 Sensor 21

4.2.4. DHT11 Pin Configuration 22

4.2.5. DHT11 Specifications 22

4.2.6. DHT11 Applications 22

4.3. Rain Sensor 23

4.3.1. What is a Rain Sensor? 23

4.3.2. Why Rain Sensor is used? 23

4.3.3. Rain Sensor Module 23

4.3.5. Mechanism Behind the Rain Sensor 25

4.3.6. Pin Configuration of Rain Sensor 25

4.3.7. Specifications of Rain Sensor 26

4.3.8. Applications of Rain Sensor 26

4.4. Dotted PCB 26

4.5. Jumper Wires 28

**5. DESIGN OF SOFTWARE 30**

5.1. Arduino IDE Tool 30

5.1.1. What is Arduino IDE? 30

5.1.2. How to Install Arduino IDE in Windows? 31

5.1.3. Understanding the Arduino IDE Tool 33

5.1.4. What are Libraries? 37

5.1.5. Installation of Boards in Arduino IDE’s Board Manager 40

5.1.6. How to select Serial Port in Arduino IDE? 42

5.1.7. What is Serial Monitor in Arduino IDE? 43

5.1.8. What is Baud Rate in Arduino IDE? 44

5.2. Blynk Application 44

5.2.1. Introduction to Blynk Application 44

5.2.2. Features of Blynk Application 45

5.2.3. Why do we need to Blynk? 46

5.2.4. Getting started with Blynk Application 46

**6. PROJECT DESCRIPTION 52**

6.1. Block Diagram 52

6.2. Software Requirements 52

6.3. Hardware Requirements 53

6.4. Working 53

6.4.1. Interfacing DHT11 Sensor with NodeMCU 53

6.4.2. Interfacing Rain Sensor with NodeMCU 54

6.5. Schematic Diagram 56

6.6. Flow chart 57