

TABLE OF CONTENT

CHAPTER NO.	TITLE	PAGE NO.
	ABSTRACT	v
	LIST OF TABLES	viii
	LIST OF FIGURES	ix
	LIST OF ABBREVIATIONS	x
1	INTRODUCTION	1
	1.1 EXISTING SYSTEM	2
	1.2 PROPOSED SYSTEM	3
2	LITERATURE REVIEW	4
3	PROPOSED SYSTEM FUNCTION	8
	3.1 FUNCTIONAL BLOCKS	8
	3.1.1 Power Supply Unit	11
4	HARDWARE REQUIREMENTS	12
	4.1 PIC16F877A MICROCONTROLLER	12
	4.2 ESP8266 Wifi MODULE	15
	4.3 MQ-6 GAS SENSOR	19
	4.4 LM 35	20
	4.5 ULTRASONIC SENSOR	22
	4.6 LDR	23
	4.7 TRANSFORMER	24
5	SOFTWARE DETAILS	28
	5.1 .EMBEDDED 'C'	28
	5.1.1 Embedded system programming	29
	5.1.2 Differentiation C and Embedded C	31
	5.2 PIC C COMPILER	32
	5.3 DESIGN IMPLEMENTATION	33
	5.4 SOFTWARE REQUIREMENTS	34
	5.5 SOFTWARE SPECIFICATION	35

	5.5.1 wamp server	35
	5.5.2 PHP	36
	5.5.3 MYSQL	36
	5.5.4 SQL buddy	37
	5.6 SOURCE CODING	38
6	EXPERIMENTAL RESULT	42
7	CONCLUSION	44
	7.1 FUTURE ENHANCEMENT	44
8	REFERENCES	45