#### WAILING ALARM SYSTEM

# MOHAMAD AIZOLLAH AKIM B ADNAN HISYAMUDDIN B AHDI AHMAD FIRDAUS B KAMARUDDIN

A project report submitted in partial fulfillment of the requirements for the award of the degree of Diploma of Electrical Engineering (Electronics / Instrumentations / Computer)

Faculty of Electrical Engineering

Universiti Teknologi MARA

OCTOBER 2013

•

"I declare that this report entitled "Wailing Alarm System" is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree."

MOTTANAD ADDLLAH AND BID ADDAN 10/10/2012 Signature :. Name : : Date

Signature	:.		Have
Name		:	HISYAMUDDIN BIN AHPI
Date		:	10/10/2013

:. <u>Hoel</u> : <u>AAMAD FIRDAUS BIN KAMARUDDIN</u> : <u>ID/ID/2012</u> Signature Name Date

#### ACKNOWLEDGEMENT

A praise be Allah, most gracious, most merciful – peace and blessing of Allah be on his last messenger, Prophet Muhammad S.A.W.

Special thanks to my supervisor, Miss Nuraisya Alwanie Bt Aluyi for their kindness, support and concern.

Special thanks also to all my friends, and lecturer for their suggestion and opinion that help us a lot by giving us an idea and motivation allowing us to improve my project and solve our problems. A lot of thanks also to all of judges and penal that have graded our work allowing and giving us pleasant comment to help us to make a fix and improvement of our project. We also want to give our thanks to Lab Technician that also help us and guide us to make a PCB and how to use the equipment. We had also liked to show our gratitude to our EE368's coordinators who gives us guide and helps on completing our report.

So thank you again to all of the people involved in finishing our final project and report.

#### ABSTRAK

Our product determine by the peacefulness environment. This type of product shows us that the sound that harm to use in long term. This product use in the silent area. The area that supposed to be quiet such as library, hospital and etc. People today just ignore this silent area. Maybe cause of their attitude or their lack of alertness. From this situation, we have interest in making this product. By this way, this product will alert them this is the silent area. If noise level is over 80dB, 8 hours a day, then you are living in a dangerous environment.

### **TABLE OF CONTENT**

CHAPTER	CONTENTS	PAGE
	ACKNOWLEDMENT	i
	ABSTRACT	ii-iii
	TABLE OF CONTENT	iv-vi
	LIST OF FIGURE	vii-viii
	LIST OF TABLE	ix
1	INTRODUCTION	

1.1 OBJECTIVE	2
1.2 PROBLEM STATEMENT	2
1.3 SCOPE OF PROJECT	2
1.4 BLOCK DIAGRAM	2

# 2 LITERATURE REVIEW

## 2.1 WAILING ALARM SYSTEM 3

iv