"MCU Based Programmable AC Socket"

A Project Study
Presented to the Faculty of
College of Engineering, Architecture and Technology
DE LA SALLE UNIVERSITY DASMARÑAS
Dasmariñas, Cavite

In Partial Fulfillment
Of the Requirements for the degree
Bachelor of Science
Major in Electronics and Communications Engineering

DE LARA, FRANSEN ORVILLE
CAGUIAT, JOEY ALBERT
DELOS REYES, JOHN MIKHAIL

October 2008

Table of Contents

CHAPTER II

Review of Related Literature

CHAPTER III

Methodology and Procedures

CHAPTER IV

Data and Results

CHAPTER V

Conclusion and Recommendation

List of Figures and Tables

List of Appendices

ABSTRACT

Name of institution: De La Salle University – Dasmariñas

Title: MCU BASED PROGRAMMABLE AC SOCKET

Proponents: Fransen Orville T. de Lara

Joey Albert Caguiat

John Mikhail delos Reyes

Funding Source: Parents and Proponents own

Date Started: June 2008

Date Finished: October 2008

Degree: Bachelor of Science in Electronics and Communications Engineering

This paper presents the adaptation and design of a socket capable of turning off appliances automatically. It is entitled **"MCU BASED PROGRAMMABLE AC SOCKET".** The study is a prototype that automatically turns off an appliance at desired time, depending on the input time of the user. This paper shall cover the process of development, its features, its limitations and capabilities. However, it does not include a thorough explanation on the theory and design, rather more on application and modification of already working models.