LCD MESSAGE DISPLAY USING VISUAL BASIC

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ROBIAH BINTI ZAKARIA

Faculty of Electrical Engineering

Universiti Teknologi MARA

40450 Shah Alam

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In the Name of Allah
Most Gracious Most Merciful

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Robiah binti Zakaria
Faculty of Electrical Engineering
Universiti Teknologi MARA
Shah Alam

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ABSTRACT

This project outlines the communication system between a personal computer (PC) and liquid crystal display (LCD). A simple application circuit has been designed and developed to test the functionality of the system. The LCD is used to display information in the form of alphanumeric characters or graphical sign. The information can be easily changed to suit its purpose for public viewing. This paper presents a Visual Basic (VB) 6.0 program for the LCD message display. The software controls the signal output to the LCD display via parallel port of the personal computer. The text message is typed in the VB input text box. This technique is simple and provides a user-friendly interface to display information on the LCD.

TABLE OF CONTENTS

CHAPTER	DESCRIPTION	PAGE

CHAPTER 1

INTRODUCTION

1.1   Introduction

Nowadays, LCD are commonly available in public places to display information and messages. This type of LCD reveal the development of technology in communication. The function of LCD has be used widely at UiTM main entrance, Federal Highway, at the edge of road junction, KLIA, banks, hospitals etc. One of the example of using LCD is from my presentation project using Microsoft power point. Because the uses of LCD become more popular to the public therefore this application has been applied in my LCD project.

The LCD message display will display information in alphanumeric and hence it is able to display all kinds of information and messages. The hardware sections refer to the LCD display and the computer, which perform the computing functions. The software section use VB 6.0 to program the LCD message display.

1.2   Project Overview

In this project, the Microsoft Visual Basic was used to LCD message display. The Microsoft Visual Basic is a considerable branch in the development of BASIC computer languages and all computer languages. Computer of gauges and the programs they create are essentially text files. The program is text, the result are text, and most of the output is text. Even on the Macintosh, Where the Graphical User Interface (GUI) is a well-defined art, programs created with the BASIC interpreters and compilers are still text files that write or draw on a window rather than the whole screen. With Windows, as with the Macintosh operating system, can create GUI applications, but the process is long and painful. Mountains of code must be written to