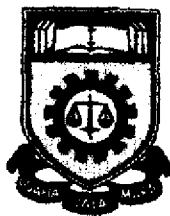# VISUAL BASIC ELECTRONIC DISPLAY

This 'Projek Ilmiah' is presented in partial fulfillment for the award of the
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ACKNOWLEDGEMENT

In the name of Allah S.W.T, who is Most Gracious, Most Merciful and HIM alone is worthy of all praise. All perfect praises belong to Allah S.W.T Lord of the universe and blessing belongs upon the Prophet Muhammad S.A.W and members of the family and companions.

First, I would like to take opportunity to express my gratitude of my supervisor Ir. Dr. Shah Rizam binti Mohd Shah Baki for her guidance, constructive suggestion and criticism towards the progress of our projects. I would also like to thank those individuals who have given me encouragement to make the project a success and to my colleagues for all moral support they given throughout the completion of this project. Lastly, I wish everybody a happy and prosper our life in this beautiful world and the here after.

ABSTRACT

An electronic display is used to display information in the form of alphanumeric characters or graphical sign. The information can be easily change to suit its purpose for public view. This Projek Ilmiah presents a Visual Basic 6.0 (VB) program for moving message electronic display. The VB software controls the signal output to the display through the parallel port of 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 moving message display unit.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

Nowadays, computer is said to be one of the more advanced equipment that can serve for human being to move faster and with an excellent efficiency. Now the technology is dealing in term's gigabytes of storing capacity. There are few important terms that human should know in unitizing the computer such as hardware and software. Hardware refers to the physical part of computer system which it to perform computing functions. The circuits like integrated circuits (IC) arrange electrical pulse into meaningful patterns are the heart (or brain) of the system. These circuits and their mechanical support systems make up the computer system [1]. Software refers to the programs that make our computer works.

A computer program is nothing more than a set of instruction that a computer follows to accomplish a specific task. A programming language such as Visual Basic used to translate instruction, as humans understand them into the steps that the computer can comprehend and follow. When a user get down to a computer's most basic level, the microprocessor that is core of the computer's functionality doesn't understand anything other than numeric instructions [2]. To make matters worse, the only instructions that the processor can understand are incredibly simplistic commands, most of which have to do with moving number around between memory locations. These commands that the processor understands are known as machine language, or the most basic language that the machine (the PC) can use.

Machine language is known as a low-level language, because it's all the way down at the processor's level of understanding. But, writing programs in machine

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