

DATA KEY IN SYSTEM WITH HTML BY USING VISUAL STUDIO AND SQL DATABASE

ZIRWATUL HANAN BINTI MUSTAFA

**FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITY TEKNOLOGI MARA
MALAYSIA**



UNIVERSITI TEKNOLOGI MARA

**DATA KEY IN SYSTEM WITH HTML BY USING
VISUAL STUDIO AND SQL DATABASE**

ACKNOWLEDGEMENT

In the name of Allah, the Beneficent, the Merciful.

Alhamdulillah, praise is to Allah S.W.T Lord of the world for the guidance and His strength that has given while completing this project and thesis. First, I would like to express my special appreciation and gratitude to my supervisor, Puan Zuriati Janin for her continuous supervision and constant support for my final year project. With all her priceless motivation, infinite patience, and immense knowledge throughout this final year project and writing of this thesis contributed to the success of this project. I could not have imagined having a greater advisor and mentor for my final year project.

Finally, yet importantly, I would like to express my gratitude and thanks to my family and people either who have assisted me directly or indirectly from the beginning until completion of this project. May this thesis would give benefit to readers, in shaa Allah.

Thank you.

ABSTRACT

This paper presents the software design of data key in system with HTML by using visual studio and SQL database. The method to develop this kind of data system which required two relation of software development. The system is fully software by design of visual studio and coding of visual basic (vb.net). The support system is PHPMYadmin of localhost.

Table of Content	
CHAPTER 1.....	2
INTRODUCTION.....	2
1.1 INTRODUCTION	2
1.2 PROBLEM STATEMENT.....	2
1.3 OBJECTIVES.....	2
1.4 SCOPE OF WORKS	3
1.5 ORGANIZATION OF THE THESIS	3
CHAPTER 2.....	4
LITERATURE REVIEW	4
2.1 Visual Basic overview	4
CHAPTER 3.....	9
METHODOLOGY	9
3.1 STEP TO DEVELOP DATABASE SYSTEM	10
3.1.1 Understand the requirement and analysis.....	11
3.1.2 Preparing the conceptual design.....	12
3.1.3 Logical design.	12
3.1.4 Physical design.	18
3.1.5 Testing database system.	22
CHAPTER 4.....	23
RESULT AND DISCUSSION.....	23
4.1 Overview	23
4.2 The database system	23
4.3 Project outcome	27
CHAPTER 5.....	29
CONCLUSION AND RECOMMENDATION	29
REFERENCE	30
APPENDIX A	31
APPENDIX B	36

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

Database is a system which is important because the data can be manage efficiently and allowing users to easily perform multiple tasks. In this globalization era, people are likely to do work efficiently. Many data and report need to compile as one data automatically without sheet of papers. There is no need for colleges, universities, schools and any other training institution to help their event schedule to manage data on a spreadsheet, access database or in some cases even manually. So with this idea to key-in and tracking all the aspects of training environment. One system can be produce as system of management system. The idea also come from a website that have built this system.

1.2 PROBLEM STATEMENT

The problem that could occur in this project is mainly the difficulty to develop the database from scratch and make it convenient for documentation tracking. Every semester, faculty need to arranged some of event or program for student and lecturer. All the data of those programs need some requirement which is person in charge need to get all things and submit to head of program. Not easy to manage the requirement needed for all the program and make sure those thing keep save. Some place need to store those data. This system of software helps to reduce this problem which is provided place to store data and can trace those data. With an interface which is one for store (need to key in) data. So this system makes management for faculty event or program becomes smooth and easy.

1.3 OBJECTIVES

The objectives of this project is to develop new database system for tracking program information by using visual basic and SQL database. Other objective is to evaluate the functionality of the system such as add, delete, edit, and search.