MANAGEMENT INFORMATION SYSTEM

PROJECT REPORT
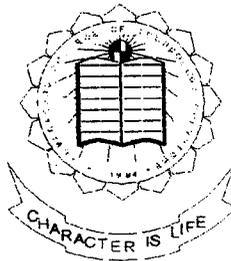
P- 455

SUBMITTED BY
R. BALAJI.
V. VIVEKANANDAN.
S.N. VIJAYA RAJ.

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE BACHELOR DEGREE APPLIED SCIENCE – COMPUTER TECHNOLOGY

MARCH 2000

KUMARAGURU COLLEGE OF TECHNOLOGY
COIMBATORE-6

P- 455

CHARACTER IS LIFE

CHARACTER IS LIFE

KUMARAGURU COLLEGE OF TECHNOLOGY
(CHARACTER IS LIFE)

MANAGEMENT INFORMATION SYSTEM

PROJECT REPORT

Bonafide record of work done by

R. Balaji	97BCT60
S.N. Vijayaraj	97BCT49
V. Vivekanandan	97BCT54

In partial fulfilement of the requirements for the bachelor degree
Of Applied Science – Computer Technology towards R. Balaji, S.N. Vijayaraj and
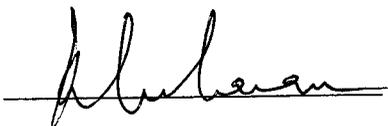V. Vivekanandan of KCT
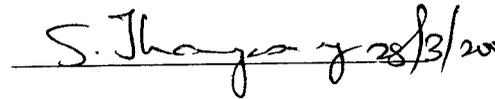
Project Guide   **H.O.D (Computer Dept.,)**
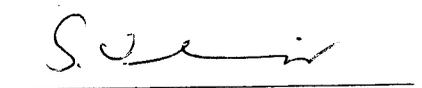

Certified that the candidate was examined by us in the project viva – voce

examination held on ----28/03/2000------------& the university register

number is 9727000058, 9727000047, 9727000052

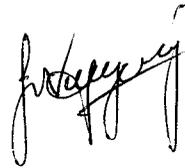**Internal Guide.**   **External Guide.**

Declaration

We hereby declare that this project entitles management information system is the original work carried out by us during the academic year 1999-2000.
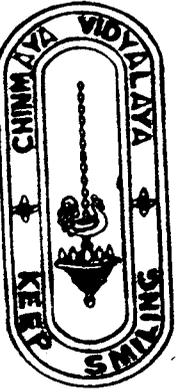
1. R. BALAJI   *R. Balaji*

2. S. N. VIJAYARAJ   *signature*

3. V. VIVEKANANDAN.   *signature*

Signature Of Candidates

STATION: Coimbatore

Date: 28/03/2000

CHINMAYA VIDYALAYA
MATRICULATION HIGHER SECONDARY SCHOOL
(Recognised by Govt. of Tamil Nadu)
Thondamuthur Road, Vadavalli, Coimbatore - 641 041.

(A UNIT OF CENTRAL CHINMAYA MISSION TRUST)

Ref. No. C.V._____   Date _____

PROJECT CERTIFICATE

This is to certify that the following Final B.Sc. (Applied Science - CT) students of Kumaraguru College of Technology, Coimbatore have carried out a project work in our school.

1. Mr. R. Balaji
2. Mr. V. Vivekanandan
3. Mr. S.N. Vijayaraj

Project Title   :   Management Information System

Period of Project: November 1999 to March 2000

During this period, their attendance and conduct were found to be good

We wish them the very best for a bright future.

(PRINCIPAL)   (CORRESPONDENT)

CONTENTS

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We acknowledge our heartfelt thanks to Mrs. Chitra Devi for her sincere effort and guidance provided to us during the course of the project work. The valuable time bound discussions we had with her and the constructive suggestions given to us was of great help in conceiving more idea at every stage of our project work.

We would also like to spell our our thanks to all the other faculties for helping us and giving their constructive suggestions in order to make this project successful.

Last but not the least, words are inadequate to show our gratitude to our parents and other family member for their support, encouragement and blessings they gave us, without whose help this project work would not have been possible.

SYNOPSIS

"CURIOSITY IS THE WICK IN THE CANDLE OF LEARNING"

Our project work titled " MANAGEMENT INFORMATION SYSTEM" is done as a service to " CHINMAYA VIDHYALAYA" school. The school administration is efficient. Also it can focus on its management. The school apparently does all the management requirements manually. And, perhaps is a tedious work indeed.

Hence, inorder to overcome the manual methods and maintaining details, we Decided to work on a project, that completely school to channelise management criteria's. thus, our main objective is to computerize the school's management environment.

The project requires data entry and processing. So, we decide to do this project using MS-ACCESS as back-end and VISUAL BASIC as its front- end, in an intention to make our project more user-friendly for the latter.

The project has been split into three modules, the first module comprises of student details which holds the admission details of students the details, the fee details of students, the examination details and the transfer certificate details of students to meet its criteria.

The second module comprises the employee details of the school. It includes the administration and management employee details.

Finally, the last module comprises of the maintenance reports regarding the school. Library and laboratory maintenance in a school is frequently required in the library and the various laboratories.

These modules of the project is being split to meet the various management requirements in the school.

The project details when implemented in the computer, can work more efficiently in the case of data entry, processing and validation of reports. Hence it overcomes the difficulties of manual methods and satisfies our objectives.

INTRODUCTION

" EDUCATION IS THE MANIFESTATION OF THE PERFECTION ALREADY IN MAN"

INTRODUCTION TO VISUAL BASIC 6.0

Visual Basic 6 is an application development tool used in developing Client/Server applications. Before beginning with Visual Basic 6, let's have a look at the Client/Server architecture.

What is Visual Basic ?

1) It is a Front-end tool

2) It is a GUI(Graphical user interface)

3) It is a 4GL(4th Generation Language)

CLIENT/SERVER ARCHITECTURE

Client/Server is an Architecture, which can be used by multiple users simultaneously. The system also offers advanced tools that can be used for data security, data integrity, and database administration. Business conditions are implemented as functions and procedures.

The data is processed in the Front End but stored and served by the powerful Back End. Client/Server programming is also called Distributed Application Processing and Co-operative Application Processing. Client/Server has three components, each focussing on a specified job.

A Database Server

A Client Application

A Network for connecting the first two components.

DATABASE SERVER

The functions of the database are as follows:-

1. Managing a single table containing information among many concurrent users.

2. Controlling database access and other security requirements.

3. Protecting database table information with backup and recovery features.

4. Enforcing global data integrity rules across all client applications.

Client Application

1. Presenting and interface to the user so that the data in the table can be manipulated with ease.

2. Managing presentation logic, such as popup lists on a data entry form, bar graphs etc.

3. Validating the data keyed in by the user.

4. Requesting and receiving information to and from the database server.

NETWORK:

The network and communication software are the vehicles that transport the data between the client and the server in the system.

The "Visual" part refers to the method used to create the graphical user interface (GUI). Rather than writing numerous lines of code to describe the appearance and location of interface elements. we simply add prebuilt objects into place on screen. If you've are ever used a drawing program such as Paint, we already have most of the skills necessary to create an effective user interface.

The "BASIC" part refers to the BASIC (Beginners All-Purpose Symbolic Intruction Code) language, a language used by more programmers than any other language in the history of computing. Visual Basic has evolved from the original BASIC language and now contains several hundred statements, functions, and keywords, many of which relate directly to the Windows GUI. Beginners can create useful applications by learning just a few of the keywords, yet the power of the language allows professionals to accomplish anything that can be accomplished using any other Windows programming language.

The Visual Basic programming language is not unique to Visual Basic. The Visual Basic programming system, Applications Edition included in Microsoft Excel, Microsoft Access, and many other windows applications uses the same language. The Visual Basic Scripting Edition (VBScript) is a widely used scripting language and a subset of the Visual Basic language. The investment we make in learning Visual Basic will carry over to these other areas.

USER INTERFACE:

Visual Basic 6 is an application development tool developed from the BASIC language BASIC language is a widely used language that provides a simple syntax. As the name suggests, a Visual Basic application is developed visually.

We can develop graphical user interface using existing objects without writing numerous lines of code.

DATA ACCESS

The data access options of Visual Basic allow we create databases and applications for various database formats such as Microsoft SQL server.

APPLICATION DEVELOPMENT

- Using Visual Basic 6, we can create even – driven applications. In a Visual Basic applications code is executed in response to events. This is different from a procedural application in which the code is executed according to a specific path defined by the logic of the application.

- Another application development feature of Visual Basic is the powerful set of built-in controls they are provided for creating Windows- based applications, for example, command button, Check box These controls provide user interface without requiring complex programming.

- **We can also use dynamic-link library routines in applications. A DLL is a set of procedures that an external to an application, and can be called from within the application when required. They are linked to the application at run-time, as they not bound to the executable file. Visual Basic can use routines for Windows operating system SDK.**

- ActiveX components help we in using reusing the code in applications.

- Visual Basic also provides a Setup Wizard, which is used to prepare an application for distribution

- Internet Oriented: Visual Basic 6 lets we develop Internet-aware applications.

We finished application is a true .exe file that uses a Visual Basic Virtual Machine that you can free distribute.

HARDWARE REQUIREMENTS:-

VISUAL basic 6.0 for windows requires at least Microsoft 95/Windows NT 3.51, 486 processor and minimum of 16 MB of RAM. A complete installation of the most powerful version of Visual Basic 6.0 enterprise edition requires more than 250 MB of hard disk space.

EDITIONS OF VISUAL BASIC 6.0

Learning Edition

Professional Edition

Enterprise Edition

INTEGRATED DEVELOPMENT

ENVIRONMENT

Applications in Visual Basic are developed in the Integrated Development Environment (IDE):

A few Definitions

♦ Controls : Reusable objects that provide the pieces of the visual interface of a program. Examples of controls are a text box, a label, or a command button.

♦ Event : An action initiated by the user, the operating system, or the program itself. Examples of events are a keystroke, a mouse click, the expiration of a specified amount of time, or the receipt of data from a port.

♦ Methods : Predefined actions that can be performed by an object. For example, a form has a hide methods that makes it invisible to the user.

♦ Object: A basic element of a program, which contains properties to define its characteristics, contains methods to define its tasks, and recognizes events to which it can respond. Controls and forms are examples of the objects used in Visual Basic.

♦ Procedures: Segments of code that we write to accomplish a task. Procedures are often written to respond to a specifc event. Types of procedures include sub procedures, which consist of a sequence of statements; and functions, which return a value.

♦ Properties: The characteristics of an object, such as its size, position, color or text font. Peroperties determine the appearance and sometimes the behavior

of an object. Properties are also used to provide data to an object and to retrieve information from the object.

Standard Visual Basic Controls

- Picture Box
- Label
- Text box
- Frame
- Commandbutton
- Checkbox
- OptionButton
- Combobox
- List box
- Hscrollbar
- Vscrollbar
- Timer
- Drivelistbox
- Dirlistbox
- Filelistbox
- Shape
- Line
- Image
- Data
- OLE

COMPONENTS OF IDE:

- Menu Bar

- Toolbox Window – displays the controls

- Form window – displays the form that holds the controls and which is useful for developing the user interface.

- Properties Window – has list of all the forms and modules.

- Standard Toolbar – displays the frequently used commands in the form of buttons.

- Code Editor Window – where code is written.

- Form layout window – allows to visually position the form at design time.

- Object Browser – has list of all the objects, their methods and properties.

- Context Menus – a shortcut menu with frequently performed actions. It can be displayed by right clicking on the object.

- Immediate, Locals, and Watch Windows   These additional windows are provided for use in debugging you application. They are only available when we are running our application within the IDE.

MICRO SOFT ACCESS 7.0

INTRODUCTION:

Access is a relational database application use access's features to create the structure of a database in a table. Access comes with wizards that allow you to quickly create forms based on the fields in the database structure.

What is new about Microsoft Access 97.

◆ Improving performance.

◆ Working on the internet or an Intranet working with other applications

◆ Copies with the sample applications

◆ Working in the database window

◆ Using and customizing toolbars, menubars, and shortcut menus

◆ Working with date

◆ Working with files

◆ Printing and previewing

◆ Designing a database

◆ Creating and customizing tables

◆ Creating and cut quires

◆ Creating and cutomizing form and report

◆ Working with menus.

◆ Working in the module window, debug window, and object browser

◆ Programming with vb

◆ Save and administrative database.

DATABASES:-

A database is a collection of information related to a particular subject or purpose, such as tracking customer orders and maintaining a music collection. If our database isn't stored on a computer or only parts of it are. We may be track information from a variety of sources that we're having to coordinate and organising ourselves.

Microsoft Access 97

Copy right © 1989-1996 Microsoft corporation International correct spell spelling corrections software @ 1993 INSO corporation. All rights reserved. Microsoft Access is a fully featured Database Management System(DBMS) that lets we collect, organize, find display and print information about or personal and business life. Access comes with wizards and a variety of predefined database elements.

TABLE:

A table is a collection of data about a specific topic, such as products or suppliers.

FORM:

Create a data entry from to enter data into a table.

QURIERS:

We use Queries to view, change, and analyzed data in different ways. We can also use than as the source of records for forms and reports.

REPORTS:

A report is an effective way to present our data in a printed format. Because we have control over the size and appearance of everything on a report, we can display the information the way we want to see it. Macros, modules, and events.

MACROS :

A macro is a set of one or more actions that each perform a particular operation, such as opening a form or printing a report. Macros can help we to automate common task.

MODULES:

A module is a collection of visual basic for appellation declarations and procedure that save stored together as a unit.

EVENTS:

An event is a specific action that occurs on or with a certain object Microsoft Access an respond to a variety of events mouse click changes in data, forms opening or closing and many other. Events are usually the result of user action.

ACCESS SYSTEM REQUIREMENT:-

COMPONENT	MINIMUM	RECOMMENDED
Computer	80486 Sx0r Greater	Pentium or greater
RAM	8 MB	16 MB
Hard disk space(for program)	5 MB (minimum Installation)	19MB+(typical installation.
Monitor	EGS	VGA or higher
Dos version	Dos 7.0	Current Ms-dos version

ACCESS WIZARDS CAN HELP WE CREATE:

- ◆ Queries
- ◆ Tables
- ◆ Forms

- ◆ Reports

- ◆ Macros

- ◆ Mailing labels

- ◆ Modules

- ◆ Controls and buttons.

THERE ARE TEN POSSIBLE TEXT FILED PROPERTIES:-

- ◆ Field size

- ◆ Format

- ◆ Input Mask

- ◆ Caption

- ◆ Default value

- ◆ Validation rule

- ◆ Validation text

- ◆ Required

- ◆ Allow Zero length

- ◆ Indexed

SECURITY:-

- ◆ Preventing others from opening your Access databases with Access whether sitting at their computer or ours.

- Preventing others from opening our Access Database with other program like word or dbase).

- Preventing other changing or deleting data.

- Preventing others from changing or deleting database design elements (form, relationships, and so on. There are five concern we will need to understand if we were to use the various levels of Access security

- Work groups
- User accounts
- Group accounts
- Administration
- Permission
- Another accounts
- Arrangements.

****

Purpose and Scope:

The Purpose of this project is to computerize the management activities of school like admission details, T.C. Details and Fee details of the students, employee details that is salary details of each and every one in the school. At last to computerize the library and laboratory department.

The scope of doing this project in VB 6.0 is that is flexibility and easy understandable. Here the back end is MS. Access 97 Which is also very easy and understandable.

ABREVETIONS:

Bp-basic pay

Hra-house rent allowances

Da- dearness allowances

Lic- life insurances corporation

Np-net pay

Gp-grass pay

VIEW OF THE SCHOOL

SCHOOL   :CHINMAYA VIDYALAYA MARTICULATION

HIGHER SECONDARY SCHOOL.

CORRESPONDENT   :Mr. ARAVIND

PRINCIPAL   : Mrs. K. CHANDRAMATHI

LOCATION   :VADAVALLI, COIMBATORE – 641 041.

"A TRAINED MIND IS A GREATER ASSET THAN A STUFFED

BRAIN"

Chinmaya Vidyalaya which is situated on the Thondamuthur Road, Vadavalli, Coimbatore, was started in 1971 and celebrated its Silver Jubilee in the year 1996. With the grace of God the blessing of Gurudev, the strength of the vidyalayas has been growing immensely. The chinmaya Vidyalaya is headed by the Central Chinmaya Mission Trust.

When the school began in 1971, the strength of students were around 40. But at present the strength increased immensely to nearly 2000. This indicates how education has played a vital role in the minds of the people. In the year 1989, the higher secondary was stared, from that year onwards, it become a full fledged Marticulation Higher Secondary school with classes from L.K.G. to PLUS TWO. It is a co-education institution with the strength of boys being 1200 and girls nearly 1000.The computer awareness was imported to the students. Every Friday morning Bhajans are conducted and the students are taught Tarangini(Value Oriented Education).The total strength of faculties are about 120 who show full dedication towards their work, they are always a helping hand to the students and solves their problems and difficulties forth to them.

During vacation time, the computers classes are conducted for students from different schools at the school computer center.

It is gratifying to note that Chinmaya Vidyalayas are being situated in almost all parts of India. Once of its branch is situated on the Thadagam Road, Coimbatore, which is run by Mrs. Chandra.

The primary objective of this institution is not merely to educate mechanically but to promote the creative powers among the children. It also gives an occasion to explore and express one's capacity.

Swami Chinmayanandaji quoted that" Through the Vidyalayas they have been eloquently demonstrating that the spiritual values of the student draws nurture and nourishment, not only from the lessons taught or the subject discussed, but by the silent and vibrant atmosphere, spiritually created in the entire school".

To mould the behaviour of an individual is to mould the character for the community. They believe that they will give a purposeful direction to a personality even in the days of its almost unconscious early childhood. Later on, no doubt they will hammer out for the child's new extension, and, open up new dimensions for its play in the society through literary scientific and social studies. Whatever the child is to be later, say, political leader, an economic philosopher, a scientific scholar or a glorious artist, his contribution to the society will directly depend upon his personality.

A new India is coming up in the children of the present generation, who appear to be more intelligent, more alert, fearless and more straight forward. Their aim is to impart the best of education with utmost love, dedication and understanding and at the same time installing moral and spiritual values, strength and character discipline, rational outlook, respect for all religions and abiding spirit of service and sacrifice in the minds of the young children.

KEEP SMILING

MANAGEMENT CHART:

CHINMAYA VIDYALAYA MATRICULATION HIGHER SECONDARY SCHOOL

```
┌─────────────────────────────────────┐
│   CENTRAL CHINMAYA MISSION TRUST     │
│              (HEAD)                  │
└─────────────────────────────────────┘
                  │
                  ▼
┌─────────────────────────────────────┐
│           CORRESPONDENT              │
│             V.ARVIND                 │
└─────────────────────────────────────┘
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┌─────────────────────────────────────┐
│             INCHARGE                 │
│       ANURADHA AJITHKUMAR            │
└─────────────────────────────────────┘
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┌─────────────────────────────────────┐
│            PRINCIPAL                 │
│          K.CHANDRAMATHI              │
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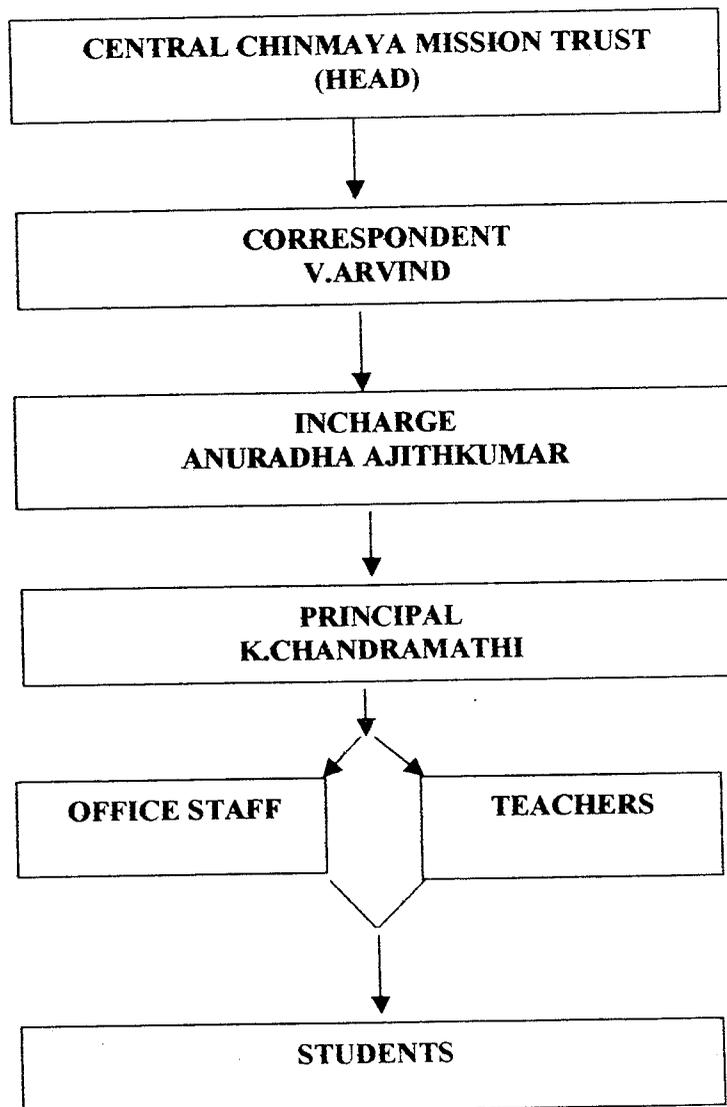
AREA TO BE COMPUTERISED

PREVIOUS SYSTEM: MANUAL SYSTEM

Admission Details :

Admission Details of the student has to be maintained in the register and also by giving forms to the students. At last all these student's admission details should be entered into a single register.

This is a tedious process and it may cause a chances of commiting mistakes during transfer are possible.

TC Details :

TC details should be filled for each and every student by office management manually.This is a tedious process and corresponding person may commit some mistakes.

Employee Details:

The salary details for each and every employee of the school has to be maintained in a single register and the calculations regarding the salary details i.e. , bp, hra, da, cca, gp, np, etc are done manually.

This is infact a very Tedious process for calculating the salary for each & every employee manually.

Maintenances Department :

There are two departments which has to be maintained manually.

a) Library Management &

b)Laboratory Management.

a)Library Management:

Here the list of books and books transacted to a student are maintained manually in

a single register.

b) Lab Management :

The details of four different labs as to be maintained manually. This includes physics, chemistry, biology and computer science labs. For these labs, we have to maintain a seperate register regarding their product suppliers and material purchased.

FEE DETAILS:

Fees collected from the student are first entered into the receipt is issued to the student. At the end of the fees are entered into the fee register. It is infact a tedious work and chances of committing mistakes during transfer are possible.

ADVANTAGE:

The work can be kept on processing as long as the accountant is able to do without bothering about the power failure.

DISADVANTGE:

1. Time consumption is more in order to complete the registration procedure.

2. It is not suitable for repetitive procedures, that is, it is difficult to find the defaulters.

3. Transferring details from the receipt book to the register requires large volume of paper work which are perishable and the access time is more.

4. The accuracy is not ensured because of fatigue, in the sense that, mistake can be made while transferring or while calculating payment details.

PROPOSED SYSTEM: COMPUTERISE (VISUAL BASIC 6.0)

In order to avoid the tedious task faced by the management, it is desirable for the management to make use of the proposed system in order to save time and also make the work easy.

ADVANTAGES:

1.Visual Basic version 6 is the newest addition to the family of Visual Basic products. It allows you to develop Windows applications quickly and easily for your PC without being an expert in C++ or other programming languages.

2.Visual Basic provides a graphical environment in which you visually design the forms and controls that become the building blocks of your applications.

3. Visual Basic supports many useful tools that will help you be more productive. These include, but are not limited to, projects, forms, class objects, templates, custom controls, add-ins, and database managers. you can use these tools together to create complete applications in months, weeks, or even days; producing an application using another language can take much longer.

4. Version 6 of Visual Basic is specially designed utilize the Internet. It comes with several controls that allow you to create Web - based applications, called ActiveX executables.

5. The New tab presents you with several project templates;

* standard EXE

*Active EXE

*ActiveX DLL

* ActiveX Control

*VBApplication Wizard

*VB Wizard Manager

*Data Project

*IIS Application

*Add-in

*ActiveX Document DLL

*ActiveX DocumentEXE

*DHTML Application

*VB Enterprise Edition Controls

6. THE ANATOMY OF A FORM

The most basic object you will be working with in Visual Basic is the form object, which is the visual foundation of your application. It is basically a window that you can add different elements to in order to create a complete application.

When you become more experienced and start writing larger, editor-styled application like Notepad or Microsoft Word, you will want to use multiple forms, of tem referred to as documents.

Benefits Over Computerization:-

1. Manual methods of data entry is obviously slow compared to computerized methods i.e., it is faster.

2. Errors during manual entry of data, can be restricted.

3. Storage of data is vast in computerized methods

4. Easy extraction of data is an added advantage

5. Keeping track of old records without wearing out, as it happens in the case of manual methods.

6. In the case of lab and library it is very useful because there is no reference of registers.

7. If there is any breakage of materials it can be easily identified through computerization this is not easy with the case of manual methods.

8. Calculation regarding salary is very easy through computerization.

9. Transaction of books is very easy.

-------------------X-------------------

PROJECT OVERVIEW:

This project consists of three main modules they are

Student details

1. Employee details

2. Maintenance report

MAIN MENU:

This main menu is the open window of the project which consist

of

Student detail , employee detail and maintenance report , report and at last exit.

This is in the order as shown below

1.Student detail >
    Admission detail >
        Admit

        Modify Admit

    TC detail   >
        Higher Secondary

        Matriculation

    Fee detail

2. Employee detail

3.Maintenance Report >
        Library Management

        Laboratory Management.

4. Report >

Employee >

Employee Detail Report

Employee transaction Report

Library >

Books

Laboratory >

Lab-Purchase Report

Lab-Maintenance Report

Fee Report

5. Exit

_____

CHINMYA MATRICULATION SCHOOL

Student Employee Maintanance Exit Repato

Admission   Admit
TransferCertificate ►   Modify
Fee

STUDENT MODULE:

This module consist only three sub modules, namely,

a. Admission

b. TC and

c. Fee

Admission:

This module consists of the two sub modules. Namely.,

a. Admit and

b. Modify Admit.

a. The Admit is the form which is used for admitting the new students It consists of various entries regarding the admission.

b. Modify is nothing but modification of the admitted student if any, like address modify phone no. modify, etc.,

CHINMAYA MATRICULATION SCHOOL

B) TC details:

This module consists of two sub-modules, namely,

> a) Higher secondary and

> b) Matriculation

> a) Higher secondary

In this module due are dealing about the TC details of XI and XII students. Here it consists of details like students group, are they eligible to promote to Higher education or university etc.,

> b) Matriculation:-

This module consists of the details about students from kindergarten to X standard It fells about whether they are qualified for the higher secondary or corresponding higher classes and also it tells about students character

> c) Fee Details:-

This module tells about the details of the fee structure of various classes from kinder garden to XII standard If you want to update the fees like Increasing the fee amount by changing it in backend ms- Access,

Student Employee Maintenance Exit Reports

Submit

Generate

CHINMYA MATRICULATION SCHOOL [Form Details]

TRANSACTION

ENTER

Class	Units	oldtotal?
KG	750	700
I	990	940
II	990	940
III	1095	1045
IV	1215	1165
V	1215	1165
VI	1615	1465

Start | Project - Microsoft Visual | CHINMYA MATRICUL...

9:02 AM

2. Employee Details:-

This module tells about the details of various employee working in the school. The details are as follows:

a. Employee name,

b. Salary details,

c. Date of joining,

d. Designation,

e. Department,

f. Employees ID.

IN this module, the salary details of various employee details is based upon designation the salary is calculated regarding the CCA, HRA, DA, TC AND AP, NP, etc.,

For various employees.

In this module we can check whether the employee has received the salary or not on such

And such date by just seeing the table.

Here if we want to increase the salary or change the B.P. We have to modify it in table

Displayed when we give the password "Admin" Which is of MS-ACCESS.

Student Employee Maintenance Exit About

CHINMAYA SCHOOL - EMPLOYEE DETAILS

Employee Details

ID

Name

Contact

Addnew Save Modfy Edit Ammmmnmd

Department

Designation

Date Of Joining

Text2

Administrator

Password

Command1

Salary Detail

Basic

HRA

DA

DEA

Gross Pay

DEDUCTIONS

PF

LIC

Net Pay

SALARY PERIOD

Current Date

01/01/05

id			Name	Date
	a001	EMP4		Feburary
	a001	EMP6		06/06/1986
	a001	EMP5		11/11/1975
	a001	EMP1		02/02/1985
	a001	EMP5		Feburary
	a001	EMP4		March
	a001	EMP1		

Start | Project - Microsoft Visual | Job - Paint | CHINMYA MATRICUL... | 9:03 AM

3. Maintenance Report:-

This module consist of two sub-modules namely,

a. Library management, and

b. Laboratory management

a. Library management:-

In this module, we can view the various Books available in the Library by just clicking the "Click show details".

If we want to Transact a book , then we have to give the student class, name , ID which is Automatically generate by clicking the Buttons like "generate class", "generate student name", "generate student ID", "generate Book ID", "Issue date", etc. At last the Book is Transacted. Here we can check the books which are not available i.e. Transacted Books to students by clicking "generate Book". Now If the status is not returned , then the one copy will be subtracted from the number of copies available. If the status is returned then it will be added to the number of copies available i.e. Copies are Restored.

CHINMAYA SCHOOL - LIBRARY

BOOK DETAILS

Title

Book-ID

Author

Publisher

Purchase Date
02/10/2000

Code

CLICK BOOK LIST

Modify

Add New   Action Cancel

Save

TRANSACTION

Student Name

Generate

Book-ID   Student-ID   Generate Student ID

New / Issue
Issue the Book

Issue Date

Issue ID

Return Date
02/17/2000

Return ID

Status

b. Laboratory Management:

In   this model the details of various supplier, Materials of various suppliers, Materials of various Lab like Physics, Chemistry, Biology, and computer science.

This module consists of   Purchase Maintenance and add Buttons. If we select Add Buttons, then if will ask to choose either materials, we have to specify the Lab name Quantity.

If we choose supplier, we have to specify the company name and address.If we select purchase, the details of the materials purchase of which Lab will be displayed. If we select maintenance ,   the available materials of corresponding Lab will be available giving Quantity available, Quantity Used, Balance and reason.

If we Purchase a Material the corresponding material will be added in the maintenance menu and we can check if by viewing Quantity available. If we add the material if same name than an "Warning Message" will appear in the material exists, on the screen..

Purchase

PId		
InvoiceNo		
Date	02/06/2000	
	02/06/2000	
Supplier	12	
Material	BURETT	
Quantity		

SUBMITT

4.Report:

There are many reports namely,

a. Employee Report.

b. Library Report.

c. Laboratory Report, and

d. Fee Report.

All these Details will be displayed in Report Format.

5. Exit:

If we select this , then the project will be closed and the cursor position will be

coming back to the original position.

A Sample Program in this project about Employee

Eg
Employee Details :

```
Dim db As Database
Dim rse As Recordset
Dim des1 As Recordset
Dim disp As Recordset


Private Sub addnew_Click()

Dim a As Integer
Dim str$
str = "EMP"
a = 1
   rse.MoveFirst
      Do While Not rse.EOF
      a = a + 1
      rse.MoveNext
      Loop
    id.Text = str & a


  name1.Text = ""
  address.Text = ""
  dept.Text = ""
  des.Text = ""
  name1.SetFocus

  rse.addnew

  End Sub

  Private Sub address_GotFocus()
  If name1.Text = "" Then
  MsgBox " Enter Name"
  name1.SetFocus
  End If
   If IsNumeric(name1.Text) Then
  MsgBox "Enter in characters"
  name1.Text = ""
  name1.SetFocus
```

```vb
End If

End Sub

Private Sub address_KeyDown(KeyCode As Integer, Shift As Integer)
If KeyCode = 13 Then
dept.SetFocus
End If
End Sub


Private Sub cancel_Click()
        id.Text = ""
        name1.Text = ""
        address.Text = ""
        dept.Text = ""
        des.Text = ""
        MsgBox "Action Caneclled!!!!"
End Sub



Private Sub cca_GotFocus()
If da.Text = "" Then
MsgBox "Enter da"
da.SetFocus
End If

End Sub

Private Sub cca_KeyDown(KeyCode As Integer, Shift As Integer)
If KeyCode = 13 Then
gp.Enabled = True
gp.SetFocus
End If
End Sub


Private Sub Command1_Click()
If Text1.Text = "admin" Then
DBGrid2.Visible = True
Command2.Visible = True
Text1.Text = ""
End If

End Sub
```

```vb
Private Sub Command2_Click()
DBGrid2.Visible = False
Command2.Visible = False
Text1.Text = ""

End Sub

Private Sub dept_GotFocus()
 If IsNumeric(address.Text) Then
MsgBox "Enter in characters"
address.Text = ""
address.SetFocus
End If
End Sub

Private Sub dept_KeyDown(KeyCode As Integer, Shift As Integer)
If KeyCode = 13 Then
des.SetFocus
End If
End Sub

Private Sub des_Click()

    des1.MoveFirst
    Do While Not des1.EOF
       If des.Text = des1("desig") Then
          basic.Text = des1("basic")
          hra.Text = des1("hra")
          'des1("da")
          Dim daa As Integer
          daa = des1("da") / 100 * des1("basic")
          da.Text = daa
          lic.Text = des1("lic")
          'pf.Text = des1("pf")
          Dim pff As Integer
          pff = des1("pf") / 100 * des1("basic")
          pf.Text = pff

          'cca.Text = des1("cca")

          Dim cca1 As Integer
          cca1 = des1("cca") / 100 * des1("basic")
          cca.Text = cca1
          gp.Text = des1("basic") + des1("hra") + daa + cca1
```

```vb
            np.Text = des1("basic") - pff - des1("lic")

        End If
        des1.MoveNext
    Loop
End Sub

Private Sub des_GotFocus()
If dept.Text = "" Then
MsgBox "invalid entry"
dept.SetFocus
End If
 If IsNumeric(dept.Text) Then
MsgBox "Enter in characters"
dept.Text = ""
dept.SetFocus
End If
End Sub

Private Sub des_KeyDown(KeyCode As Integer, Shift As Integer)
If KeyCode = 13 Then
Text2.SetFocus
End If
End Sub

Private Sub DTPicker1_Change()
MaskEdBox2.Text = DTPicker1.Value

End Sub

Private Sub edit_Click()
empname.Clear
rse.MoveFirst

    Do While Not rse.EOF
    empname.AddItem rse("name")
    rse.MoveNext
    Loop

End Sub

Private Sub empname_Click()
```

```vb
rse.MoveFirst
    Do While Not rse.EOF
        If rse("name") = empname.Text Then
        id.Text = rse("id")
        name1.Text = rse("name")
        address.Text = rse("address")
        dept.Text = rse("dept")
        des.Text = rse("des")
        Text2.Text = rse("doj")

            des1.MoveFirst
            Do While Not des1.EOF
            If des.Text = des1("desig") Then
                    basic.Text = des1("basic")
                    hra.Text = des1("hra")
                    Dim daa As Integer
                    daa = des1("da") / 100 * des1("basic")
                    da.Text = daa
                    lic.Text = des1("lic")
                    Dim pff As Integer
                    pff = des1("pf") / 100 * des1("basic")
                    pf.Text = pff
                    Dim ccal As Integer
                    ccal = des1("cca") / 100 * des1("basic")
                    cca.Text = ccal
                    gp.Text = des1("basic") + des1("hra") + daa + ccal
                    np.Text = des1("basic") - pff - des1("lic")
            End If

            des1.MoveNext
            Loop


        End If

    rse.MoveNext
    Loop


End Sub

Private Sub Form_Load()
'rse("id") = id.Text
'rse("name") = name1.Text
```

```vb
Private Sub hra_KeyDown(KeyCode As Integer, Shift As Integer)
If KeyCode = 13 Then
da.SetFocus
End If
End Sub

Private Sub id_KeyDown(KeyCode As Integer, Shift As Integer)
If KeyCode = 131 Then
name1.SetFocus
End If
End Sub

Private Sub Label16_Click()
Combo1.Clear

disp.MoveFirst
Do While Not disp.EOF
    If Combo2.Text = disp("sdate") Then
    Combo1.AddItem disp("eid")
    End If

disp.MoveNext
Loop

End Sub

Private Sub Label17_Click()

Dim a As Integer
Dim str$
str = "TED"
a = 1
   disp.MoveFirst
       Do While Not disp.EOF
       a = a + 1
       disp.MoveNext
       Loop


   disp.addnew
       disp("tid") = str & a
       disp("eid") = id.Text
       disp("sdate") = Combo2.Text
       disp.Update
```
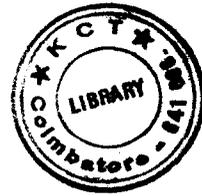
```
End Sub

Private Sub name1_KeyDown(KeyCode As Integer, Shift As Integer)
If KeyCode = 13 Then
address.SetFocus
End If
End Sub




Private Sub saveadd_Click()
'id
'name
'address
'des
'dept
'doj
rse.addnew

        If rse.EditMode = dbEditAdd Then
        rse("id") = id.Text
        rse("name") = name1.Text
        rse("address") = address.Text
        rse("dept") = dept.Text
        rse("des") = des.Text
        rse("doj") = Text2.Text
        End If
        rse.Update
        rse.addnew
            name1.Text = ""
            address.Text = ""
            dept.Text = ""
            des.Text = ""
            MsgBox "This record has been added"
            End Sub
```