DEVELOPING ALUMNI WEBSITE FOR KUMARAGURU COLLEGE OF TECHNOLOGY

A PROJECT REPORT

Submitted by

HEMALATHA.P **71205104013**

VIDHYA.S **71205104059**

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE

ANNA UNIVERSITY: CHENNAI 600025

APRIL 2009

ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report "**DEVELOPING ALUMNI WEBSITE FOR KUMARAGURU COLLEGE OF TECHNOLOGY**" is the bonafide work of "**HEMALATHA.P, VIDHYA.S**" who carried out the project work under my supervision.

SIGNATURE

Dr. S Thangasamy

HEAD OF THE DEPARTMENT

Department of Computer Science and Engineering

Kumaraguru College of Technology,

Coimbatore-641006

SIGNATURE 24/04/09

Mr. G.S Nandakumar

SUPERVISOR

Senior Lecturer,

Department of Computer Science and Engineering,

Kumaraguru College of Technology,

Coimbatore-641006

The candidates with University Register Nos. **71205104013**, **71205104059** were examined by us in the project viva-voce examination held on 27.4.09

INTERNAL EXAMINER

EXTERNAL EXAMINER

ACKNOWLEDGEMENT

We are extremely grateful to **Prof. R.Annamalai**, Vice Principal, Kumaraguru College of Technology for having given us this opportunity to embark on this project.

We are deeply obliged to **Dr. S. Thangasamy,** Dean, Department of Computer Science and Engineering for his valuable guidance and useful suggestions during the course of this project.

We wish to express our heartiest thanks to **Mrs. P. Devaki,** Assistant Professor and Project coordinator who helped us to overcome the perplexity while choosing the project.

We thank our guide, **Mr.G.S. Nandakumar**, Senior Lecturer, Department of Computer Science and Engineering, for his excellent guidance in each and every step of our project and been with us to complete the project.

We thank all the **teaching and non-teaching staff** of our department for providing us the technical support during the course of our project.

We also thank all our **parents and friends** who helped us to complete this project successfully.

TABLE OF CONTENTS

ABSTRACT

This project aims at developing alumni website for Kumaraguru College of Technology (KCT). It helps the students, alumni and staff members of KCT to communicate with each other and exchange information. This website includes the features like Alumni List, Alumni Search, Access to Alumni Home Pages, Registering in the web site, updating alumni information, changing password, displaying photo gallery of various activities in the college and project titles. The administrator creates an account for each alumnus with a unique register number and adds the E-Mail id of the alumni to the alumni database. When the alumni registers in the site, a register number and a randomly generated password are sent to their E-Mail using which the alumni can login into his personal account, update his profile and can access the features provided in the site. The students and staff members can also login into the site with a common username and password. They can view the details in the website.

This Website has been developed using ASP.NET and SQL Server

LIST OF TABLES

LIST OF FIGURES

LIST OF ABBREVIATIONS

DFD	Data Flow Diagram
CLR	Common Language Routine
CTS	Common Type System
CLS	Common Language Specification
HTTP	Hyper Text Transfer Protocol
SQL	Structured Query Language
ASP	Active Server Pages

1. INTRODUCTION

This chapter gives the overview of the project, the modules present in the system and the users of the system.

1.1 PROJECT OVERVIEW

An alumni website is designed for Kumaraguru College of Technology where the alumni can register and use the website. The registered alumni have been provided rights to access many features available in the site. The students of KCT also can access the site with a common login and password. They can access the links but cannot update or change any of the alumni details. The details about the college and the developers of the website are also provided in the home page and are accessible to anyone visiting the site.

The major modules of the system are:

- Alumni List
- Alumni search
- Home Pages of alumni
- Project Titles
- Photo gallery of the college activities

There are three types of users. They are

- Administrator
- Alumni
- KCT Student

Administrator

The administrator has the rights to access all the main features and in addition, the features such as view profile, change admin password, change alumni password and adding alumni details.

Alumni

Once the alumni registers in the website, he gets the rights to access the main features and also the features such as view profile where the alumni can view or even update his/her details and to change his/ her password.

KCT Student

The students of KCT can also access the site with a separate login and password. They can access the links but cannot update or change any of the alumni details.

2. SYSTEM REQUIREMENTS AND SPECIFICATION

The Software Requirements Specification is a technical specification of requirements for the software product. The goal of software requirements definition is to completely and consistently specify the technical requirements for the software products in a concise and unambiguous manner.

This chapter provides a complete description of the functions and specifications of the Alumni website of Kumaraguru College of Technology.

2.1 HARDWARE CONFIGURATION:

Processor	-	Intel Pentium iii and above
Hard disk capacity	-	40 Gb and above

2.2 SOFTWARE CONFIGURATION:

Operating System	-	Windows XP
Platform	-	ASP.NET, VB.NET
Database server	-	Microsoft SQL Server 2000

2.3 SOFTWARE OVERVIEW:

Reasons for using ASP .NET

- **Compatibility**

  Microsoft has designed ASP+ (ASP.NET) to run along side regular ASP ,so there is no need to worry that your existing applications will break with the next

release of Internet Information Services (IIS). ASP.NET files come with a new extension (aspx), so you can easily separate the old from the new.

- **Compiled Code**

  ASP+ has the benefit of access to compiled languages, such as Visual Basic C++, and even MS's new C#. You can now program Active Server Pages in any language you wish, as all code is now compiled when requested. Even VBScript and Java Script are now compiled.

- **COM Objects**

  We are all aware of the problems with COM when using typical ASP. Registering components, restarting servers, are always makes problem. Now with the Next Generation Windows Services (NGWS), you don't have to worry about this anymore. You can simply copy the source files for your component, paste them wherever you want, and it will work. No DLL registering, no headaches.

- **XML Configuration**

  With the NGWS framework, all metabase and configuration information is stored in XML files .This means you no longer have to fool around with IIS to change the settings. In fact, you could XML file from anywhere, and FTP the changes to the server. No need for any type of remote PC control.

- **Web Forms and Web Controls**

  ASP+(ASP.NET) introduces the ability for forms to be linked to the server so that you can process requests more easily. Web controls offer similar functionality, and provide a web developer with additional functionality versus the regular HTML controls.

- **Caching**

  ASP+ allows objects and output to be cached, which should increase speed, since subsequent users won't have to make more requests to the server. The ASP+ caching system is very advanced, allowing you to specify what needs to be cached and what doesn't, and when to recall the cached information versus performing a new request.

- **Scalability**

  ASP+ has some great scalability features built into it, including maintaining session state across servers, and multi-processes, so when one goes haywire. The ASP+ will shut down and restart it for you, and send old requests to the new process.

Features of SQL Server 2000

- **Internet Integration**

  The SQL Server 2000 database engine includes integrated XML support. It also has the scalability, availability, and security features required to operate as the data storage component of the largest Web sites. The SQL Server 2000 programming model is integrated with the Windows DNA architecture for developing web applications, and SQL Server 2000 supports features such as English Query and the Microsoft Search service to incorporate user –friendly queries and powerful search capabilities in Web applications.

- **Scalability and Availability**

  The same database engine can be used across platforms ranging from laptop computers running Microsoft Windows 98 through large, multiprocessor servers running Microsoft Windows 2000 Data Centre edition.SQL Server 2000

Enterprise Edition supports features such as federated servers, indexed views, and large memory support that allow it to scale to the performance levels required by the largest Web Sites.

- **Enterprise –Level Database Features**

The SQL Server 2000 relational database engine supports the features required to support demanding data processing environments. The database engine protects data integrity while minimizing the overheard of thousands of users concurrently modifying the database .SQL Server 2000 distributed queries allow you to reference data from multiple sources as if it were of a SQL Server 2000 database, while at the same time , the distributed transaction support protects the integrity of any updates of the distributed data. Replication allows you to maintain multiple copies of data, while ensuring that the separate copies remain synchronized

3. SYSTEM DESIGN

3.1 DESIGN PRINCIPLES

The process of design involves "conceiving and planning out in mind" and "making a drawing, pattern, or sketch of". In software design, there are three distinct types of activities: external design, architectural design and detailed design. Architectural design and detailed design are collectively known as internal design.

External design of the software involves conceiving, planning out and specifying the externally observable characteristics of a software product. These characteristics include user displays and report formats, external data sources and data sinks, and the functional characteristics, performance requirements and high level process structures for the product. External design begins during the analysis phase and continues to the design phase. Requirements definition is concerned with refining those requirements and establishing the high level structural view of the system.

Internal design involves conceiving, planning outing specifying the internal structure and processing details of the software product. The goals of internal design are to specify internal structure and processing details, to record design decisions and indicate why certain alternative and trade-offs were chosen, to elaborate the test plan, and to provide a blueprint for implementation, testing and maintenance activities. The work products of internal design include a specification of architectural structure, the details of algorithms and data structure, and the test plan.

3.2 MODULES

The following are the modules in the system.

- Alumni List
- Alumni search
- Home Pages of alumni
- Project Titles
- Photo gallery of the college activities

3.2.1 ALUMNI LIST:

This module can be accessed by Alumni, Administrator and KCT Student. When the user selects the graduation year and clicks the list button, it lists out all the details of the Alum who had passed out in that year. The screen format of this module is shown in Appendix (Page No. 47)

3.2.2 ALUMNI SEARCH:

This module can be accessed by Alumni, Administrator and KCT Student. Search can be done on the basis of three criteria:

- First name
- Degree
- Branch
- City

By entering at least one of the details and on clicking the search button, the details of the alumni can be listed out. The screen format for this module is shown in Appendix (Page No. 49, 50.)

3.2.3 ALUMNI HOME PAGES:

This module can be accessed by Alumni, Administrator and KCT Student. In this page, the Alumni details with their URL (if any) are listed out. The screen format for this module is shown in Appendix (Page No.48.)

3.2.4 PROJECT TITLES:

This module is mainly useful for KCT Students. The project titles with its abstracts are provided departmental-wise. The students can refer to them for their academic purpose and also they can contact the respective alumni. The screen format for this module is shown in Appendix, (Page No. 48.)

3.2.5 PHOTO GALLERY:

The photographs of various events which take place in the college are displayed.

- The registered alumni can view or change his/ her details by clicking on to the link *my profile*. The new details are updated into the database table.
- The alumni can change their password by clicking the link *change password.*
- The administrator enters the alumni register number and the E-Mail ids through the link add *alumni details* which will be stored in the database and is used for authenticating the alumni while registration.
- The administrator can change the admin password or the alumni password through the link *change admin password*

3.3 TABLE DESIGN:

The following tables are used to store the values of various attributes used in the system

3.3.1 REGISTER TABLE:

The Register table contains the Register number and E-mail id of the Alumni which is added by the administrator. When the Alumni register in the site his register number and the randomly generated password is mailed to the E-mail id stored in this table.

Field Name	Data Type	Description
Register Number	Int	Register number of the Alumni
E-Mail Id	Varchar	Mail-id of the Alumni

3.3.2 LOGIN TABLE:

This table contains the registration details of the alumni at the website. The alumni is also allocated a priority based on the type of the user.

Field Name	Data Type	Description
Register Number	Int	Register number of the Alumni
Password	Varchar	Randomly generated password
Priority	Int	Values are 0,1,2

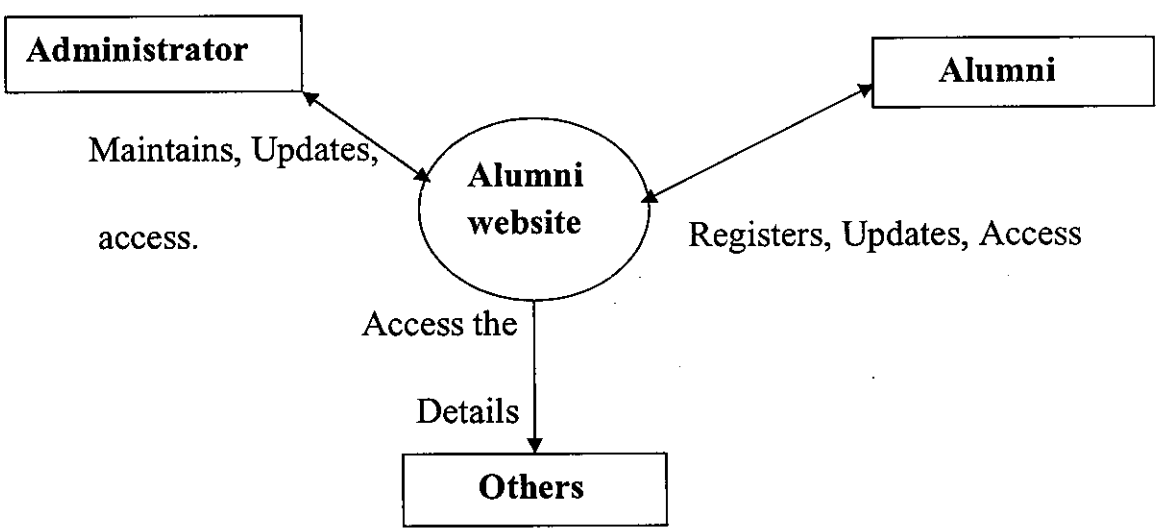
3.3.4 DETAILS TABLE:

This table contains the personal details of the alumni who have registered with the website.

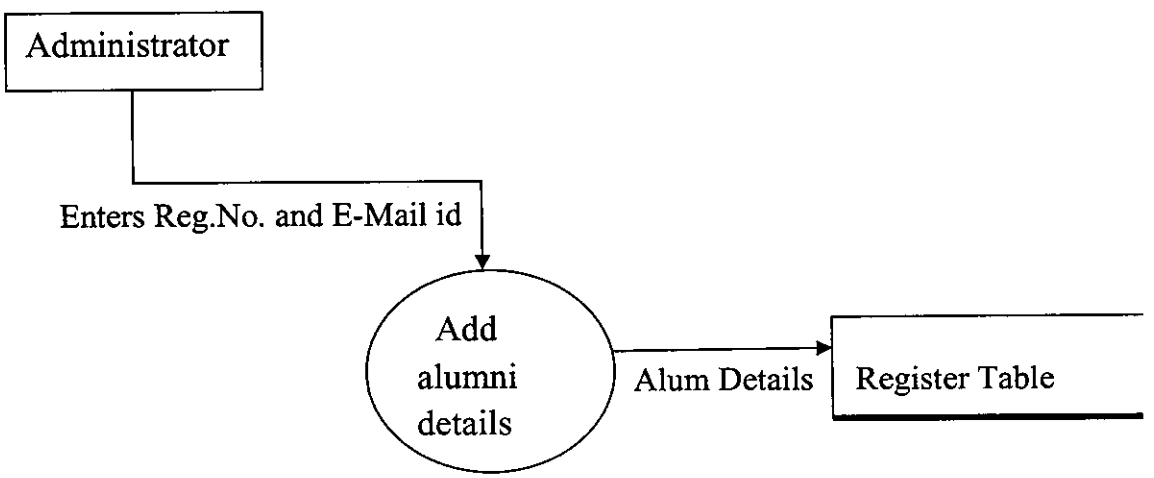
Field Name	Data Type
Register Number	Int
First Name	Varchar
Last Name	Varchar
Date	Varchar
Month	Varchar
Year	Varchar
Address	Varchar
Degree	Varchar
Branch	Varchar
Graduation Year	Varchar
Employment Status	Varchar
E-Mail Id	Varchar
Mobile Number	Varchar
URL	Varchar

3.4 DATA FLOW DIAGRAM:

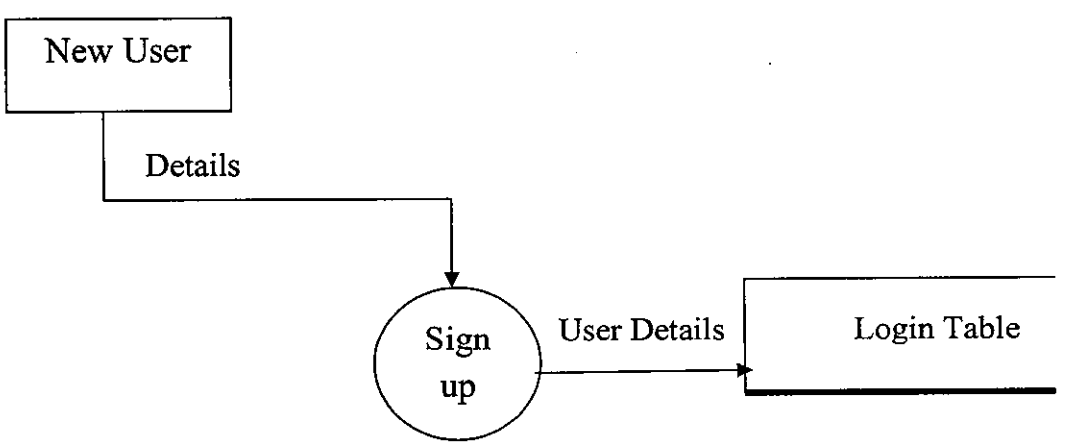
Data flow diagram is commonly used during problem analysis and design. A DFD shows the flow of data through the system. It views the system as a function that transforms the inputs into desired outputs. A DFD aims to capture the transformation that takes place within a system into output data so that eventually the output data is produced. The agent that performs the transformation from one state to another is called a process. Named circles show the process and dataflow is represented by named arrows. A square defines a source or destination of system data. An open rectangle is data source.



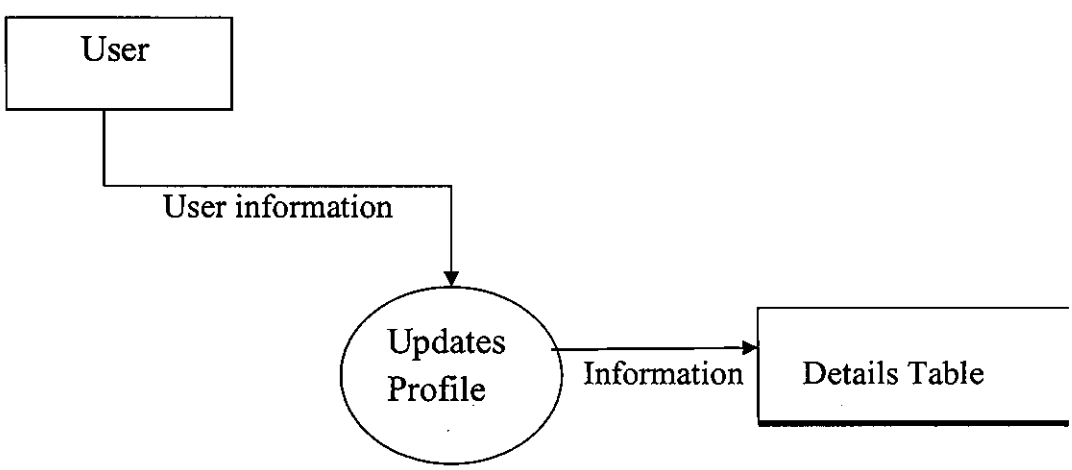
Adding alumni details:



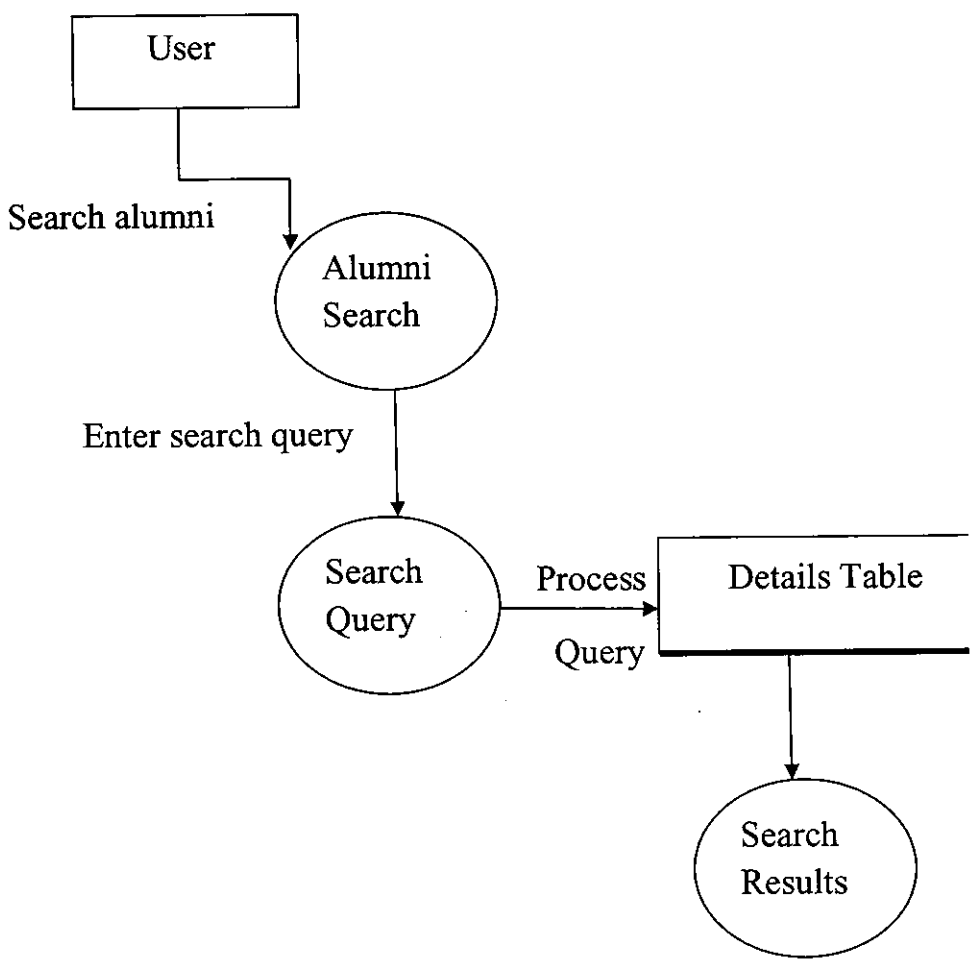
New User Sign up:



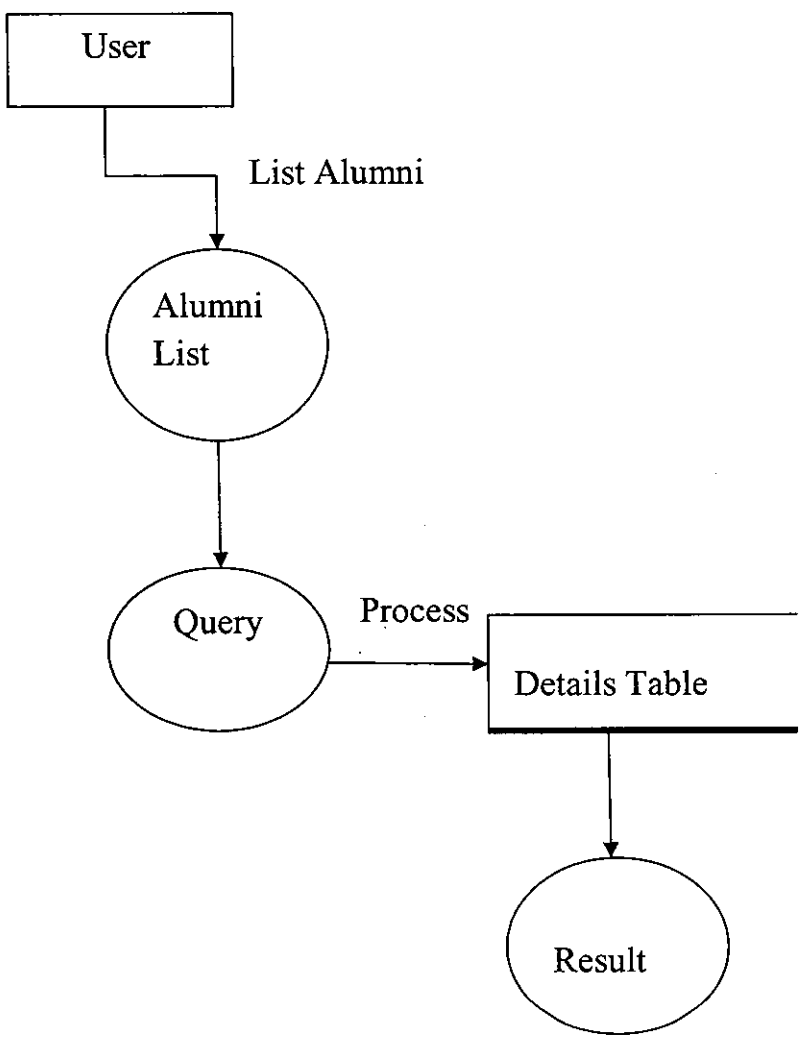
Updating Profile:



Alumni Search:



Alumni List:


User
List Alumni
Alumni List
Query
Process
Details Table
Result

4. SYSTEM TESTING AND IMPLEMENTATION

4.1 TESTING

Testing is the process of executing a program with the indent of finding any errors. A good test of course has the high probability of finding a yet undiscovered error. A successful testing is the one that uncovers a yet undiscovered error. A test is vital to the success of the system. System test makes a logical assumption that if all parts of the system are correct, then goal will be successfully achieved. The candidate system is subjected to a variety of tests online like responsiveness, its value, stress and security. A series of tests are performed before the system is ready for user acceptance testing.

4.1.1 UNIT TESTING

In this testing we test each module individually and integrate the overall system. Unit testing focuses verification efforts even in the smallest unit of software design in each module. This is also known as "Module Testing". The modules of the system are tested separately. This testing is carried out in the programming style itself. In this testing each module is focused to work satisfactorily as regard to expected output from the module. There are some validation checks for the fields.

In our project all the modules like Alumni list, Alumni Search, Changing the password etc. are tested individually and integrated.

4.1.2 INTEGRATION TESTING

Data can be lost across an interface, one module can have an adverse effect on the other sub-functions, when combined may not produce the desired functions. Integrated testing is the systematic testing to uncover the errors within the interface. This

testing is done with simple data and the alumni system has run successfully with this simple data. The need for integrated system is to find the overall system performance.

4.1.3 OUTPUT TESTING

The system cannot be useful if it does not produce the required output. Asking the user about the format in which the system is required tests the output displayed or generated by the system under consideration. Here the output format is considered in two ways. One is on screen format and another one is printed format. The output format on the screen is found to be corrected as the format was designed in the system phase according to the user needs. As for the hard copy the output comes according to the specification requested by the user. Here the output testing does not result in any correction in the system. The alumni website system runs successfully for the given test data and for the live data.

4.1.4 USER ACCEPTANCE TESTING

User acceptance testing of the system is the key factor for the success of any system. The alumni system is tested for user acceptance by constantly keeping in touch with prospective system at the time of development and making change whenever required. This is done with regard to the input screen design and output screen design.

4.2 IMPLEMENTATION

The implementation phase of software development is concerned with translating design specification into source code. The primary goal of implementation is to raise source code and internal documentation so that conformance of the code to its specification can be easily verified, and so that debugging, testing and modification are eased. This goal can be achieved by making the source code as clear and straight forward as possible. Simplicity, clarity and elegance are the hallmarks of good programs;

obscurity, cleverness and complexity are indication inadequate design and misdirected thinking.

Source code is provided in page no. with good clarity using structured coding techniques, by good coding style, by appropriate supporting documents, by good internal comments and by the features provided in modern programming languages.

4.3 MAINTENANCE

Maintenance is the important phase of the system development. It holds the software industry captive typing up programming resources. It could be described as the symmetric process of changing the software that is already in operation in order to prevent system failures and to improve the performance. Software maintenance involves keeping software interfaces simple and standard, paying particular attention to troublesome module , replacing faulty components and generally planning to replace components that are ole, obsolete , faulty, or at risk for imminent failure.

The alumni website system is maintained in such a way that it adapts to the software changing in the environment. It does not lead to any change in the system functionality.

The system accommodates to the new or changed user requirements and also failures can be prevented and the software is optimized. To increase the system's maintainability updating documentation, adding comments, improving the modular structure of the system.

5. CONCLUSION

The alumni website for Kumaraguru College of Technology has been developed successfully with all the requirements being satisfied. The website has successfully achieved the functionality that was expected. All the modules were tested with the sample data and the expected results were achieved. This website will facilitate the alumni to have constant interaction among themselves as well as with the college.

Further enhancements

- To enable the alumni to send E-Mails to other alumni from the website.
- To automate the process of sending birthday wishes to the alumni from the website.

APPENDIX

SAMPLE CODE:

HOME PAGE

```
Imports System.Data.SqlClient
Imports System.Data.SqlClient.SqlConnection


Partial Class home1
    Inherits System.Web.UI.Page
    Public con As New Data.SqlClient.SqlConnection("Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\WebSite2\App_Data\kct.md
f;Integrated Security=True;User Instance=True")
    Dim com, com1 As New SqlCommand
    Dim sql, sql1 As String
    Dim ds, ds1 As SqlDataReader

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then

            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If
    End Sub
```

```
    Protected Sub Buttonlogin_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles Buttonlogin.Click
        If (Tbrefno.Text = "" Or Tbpwd.Text = "") Then
            MsgBox("Enter Username and Password",
MsgBoxStyle.Critical, "KCT ALUMNI")
        Else
            sql = "select * from login where refno='" &
Tbrefno.Text & "' and password='" & Tbpwd.Text & "'"
            con.Open()
            com = New SqlCommand(sql, con)
            com.ExecuteNonQuery()
            ds = com.ExecuteReader()

            If ds.Read Then
                txtforfinduser.Text = ds.GetString(2)
                ds.Close()
                If txtforfinduser.Text = "2" Then
                    sql1 = "select * from details where regno='"
& Tbrefno.Text & "' and pwd='" & Tbpwd.Text & "'"
                    com1 = New SqlCommand(sql1, con)
                    com1.ExecuteNonQuery()
                    ds1 = com1.ExecuteReader()
                    If ds1.Read Then
                        txtid.Text = ds1.GetString(0)
                        txtusername.Text = ds1.GetString(1)
                        ds1.Close()
                    End If
                ElseIf txtforfinduser.Text = "1" Then
                    txtusername.Text = "Administrator"
                    txtid.Text = "Administrator"
                Else
                    txtusername.Text = "Students"
                    txtid.Text = "Kct Students"
                End If
                con.Close()
            Else

                MsgBox("Enter Correct Username and Password",
MsgBoxStyle.Critical, "KCT ALUMNI")
                'Tbrefno.Text = ""
```

```
                'Tbpwd.Text = ""

            End If

        End If

    End Sub

End Class
```

FRONT PAGE

```
Partial Class frontstu
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load

        If Not IsNothing(PreviousPage) Then
            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)

            txtforfinduser.Text = String.Format(txtsearch.Text)

            If txtsearch.Text = "2" Then
                linkprofile.Visible = True
                linkchangepwd.Visible = True
                linkadd.Visible = False
                linkadminpwd.Visible = False
            ElseIf txtsearch.Text = "3" Then
                linkadd.Visible = False
                linkprofile.Visible = False
                linkchangepwd.Visible = False
                linkadminpwd.Visible = False
            ElseIf txtsearch.Text = "" Then
                Response.Redirect("home1.aspx")
            ElseIf txtsearch.Text = "1" Then
                linkadd.Visible = True
                linkadminpwd.Visible = True
                linkprofile.Visible = False
                linkchangepwd.Visible = False
```

```
            ElseIf txtforfinduser.Text = "1" Then
                linkadd.Visible = True
                linkadminpwd.Visible = True
                linkprofile.Visible = False
                linkchangepwd.Visible = False
            End If

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text

            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)

        End If

End Sub
End Class
```

ALUMNI LIST

```
Partial Class Default6
    Inherits System.Web.UI.Page

    Protected Sub DropDownList1_SelectedIndexChanged(ByVal
sender As Object, ByVal e As System.EventArgs) Handles
ddgyear.SelectedIndexChanged

    End Sub

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then

            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)
```

```
            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If
        Dim dataList As New ArrayList()
        Dim yr, i As Integer
        yr = Calendar1.TodaysDate.Year
        For i = 1980 To yr
            dataList.Add(i)

            ddgyear.DataSource = dataList
            ddgyear.DataBind()
        Next
    End Sub
End Class
```

ALUMNI SEARCH

```
Partial Class Default3
    Inherits System.Web.UI.Page
    Dim tb, lb, ld As Integer

    Protected Sub DropDownList1_SelectedIndexChanged(ByVal
sender As Object, ByVal e As System.EventArgs) Handles
ddldeg.SelectedIndexChanged

    End Sub

Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then
```

```
            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If

    End Sub
 Protected Sub btnsearch_Click(ByVal sender As Object, ByVal e
As System.EventArgs) Handles btnsearch.Click

        name.Visible = False
        degree.Visible = False
        branch.Visible = False
        nameanddeg.Visible = False
        nameandbrch.Visible = False
        degandbrch.Visible = False
        namedegbrch.Visible = False

        If tbfirstname.Text = "" And ddlbrch.Text = "" And
ddldeg.Text = "" Then
            MsgBox("Please Enter Atleast Anyone of the Entry")
        ElseIf ddlbrch.Text = "" And ddldeg.Text = "" Then
            name.Visible = True
            degree.Columns.Clear()
            branch.Columns.Clear()
            nameanddeg.Columns.Clear()
            nameandbrch.Columns.Clear()
            degandbrch.Columns.Clear()
            namedegbrch.Columns.Clear()

        ElseIf tbfirstname.Text = "" And ddlbrch.Text = "" Then
            degree.Visible = True
            branch.Columns.Clear()
```

```
        nameanddeg.Columns.Clear()
        name.Columns.Clear()
        nameandbrch.Columns.Clear()
        degandbrch.Columns.Clear()
        namedegbrch.Columns.Clear()


    ElseIf tbfirstname.Text = "" And ddldeg.Text = "" Then
        branch.Visible = True
        name.Columns.Clear()
        degree.Columns.Clear()
        nameanddeg.Columns.Clear()
        nameandbrch.Columns.Clear()
        degandbrch.Columns.Clear()
        namedegbrch.Columns.Clear()


    ElseIf ddlbrch.Text = "" Then
        nameanddeg.Visible = True
        name.Columns.Clear()
        degree.Columns.Clear()
        branch.Columns.Clear()
        nameandbrch.Columns.Clear()
        degandbrch.Columns.Clear()
        namedegbrch.Columns.Clear()


    ElseIf ddldeg.Text = "" Then
        nameandbrch.Visible = True
        name.Columns.Clear()
        degree.Columns.Clear()
        branch.Columns.Clear()
        nameanddeg.Columns.Clear()
        degandbrch.Columns.Clear()
        namedegbrch.Columns.Clear()


    ElseIf tbfirstname.Text = "" Then
        degandbrch.Visible = True
        name.Columns.Clear()
```

```
            degree.Columns.Clear()
            branch.Columns.Clear()
            nameanddeg.Columns.Clear()
            nameandbrch.Columns.Clear()
            namedegbrch.Columns.Clear()
        Else
            namedegbrch.Visible = True
            name.Columns.Clear()
            degree.Columns.Clear()
            branch.Columns.Clear()
            nameanddeg.Columns.Clear()
            nameandbrch.Columns.Clear()
            degandbrch.Columns.Clear()

        End If
    End Sub
End Class
```

ALUMNI HOME PAGE:

```
Partial Class Alumni_home_page
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then

            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
```

```
        End If
    End Sub
End Class
```

PROJECT TITLES

```
Partial Class project
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then

            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If
    End Sub
End Class
```

PHOTOGRAPHS

```
Partial Class Photographs
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then
```

```
            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If
    End Sub
```

MY PROFILE:

```
Imports System.Data.SqlClient
Imports System.Data.SqlClient.SqlConnection

Public Class Default4
    Inherits System.Web.UI.Page

    Public con As New Data.SqlClient.SqlConnection("Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\WebSite2\App_Data\kct.md
f;Integrated Security=True;User Instance=True")
    Dim com, com1, com2 As New SqlCommand
    Dim sql, sql1, sql2 As String
    Dim ds As SqlDataReader


    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then

            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)
```

```
            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If
        End Sub

    Protected Sub btnupdate_Click(ByVal sender As Object, ByVal
e As System.EventArgs) Handles btnupdate.Click
        'MsgBox(tbfirstname.Text)

        If (tbfirstname.Text = "" Or tblstnam.Text = "" Or
ddlistdate.Text = "" Or ddlistmonth.Text = "" Or ddlistyear.Text
= "" Or tbaddr.Text = "" Or ddlistdeg.Text = "" Or
ddlistbrch.Text = "" Or ddlistgradyr.Text = "" Or
ddliststatus.Text = "" Or Tbemail.Text = "" Or tbmobno.Text =
"") Then
            MsgBox("Please Enter All The Entries",
MsgBoxStyle.Critical, "KCT ALUMNI")
        Else
            sql = "update details set firstname= '" &
tbfirstname.Text & "' , lastname= '" & tblstnam.Text & "' ,
address= '" & tbaddr.Text & "' , currentsta= '" &
ddliststatus.Text & "' , email= '" & Tbemail.Text & "' ,
mobilno='" & tbmobno.Text & "' , date='" & ddlistdate.Text & "'
, month='" & ddlistmonth.Text & "' , year='" & ddlistyear.Text &
"' , degree='" & ddlistdeg.Text & "' , brch='" & ddlistbrch.Text
& "' , gyear='" & ddlistgradyr.Text & "',url='" & tburl.Text &
"' where Regno = '" & Tbregno.Text & "'"
            con.Open()
            com = New SqlCommand(sql, con)
            com.ExecuteNonQuery()
            MsgBox(" Data Updated Successfully",
MsgBoxStyle.Information, "KCT ALUMNI")
        End If

    End Sub
```

```
    Protected Sub LinkButton1_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles LinkButton1.Click
        sql1 = "select * from details where Regno = '" &
txtid.Text & "'"
        con.Open()
        com1 = New SqlCommand(sql1, con)
        com1.ExecuteNonQuery()
        ds = com1.ExecuteReader()
        If ds.Read() Then
            Tbregno.Text = ds.GetString(0)
            tbfirstname.Text = ds.GetString(1)
            tblstnam.Text = ds.GetString(2)
            ddlistdate.Text = ds.GetString(3)
            ddlistmonth.Text = ds.GetString(4)
            ddlistyear.Text = ds.GetString(5)
            tbaddr.Text = ds.GetString(6)
            ddlistdeg.Text = ds.GetString(7)
            ddlistbrch.Text = ds.GetString(8)
            ddlistgradyr.Text = ds.GetString(9)
            ddliststatus.Text = ds.GetString(10)
            Tbemail.Text = ds.GetString(11)
            tbmobno.Text = ds.GetString(14)
            tburl.Text = ds.GetString(15)
            ds.Close()
        End If
    End Sub

    Protected Sub btnreset_Click(ByVal sender As Object, ByVal e
As System.EventArgs) Handles btnreset.Click
        Tbregno.Text = ""
        tbfirstname.Text = ""
        tblstnam.Text = ""
        ddlistdate.Text = ""
        ddlistmonth.Text = ""
        ddlistyear.Text = ""
        tbaddr.Text = ""
        ddlistdeg.Text = ""
        ddlistbrch.Text = ""
        ddlistgradyr.Text = ""
```

```
        ddliststatus.Text = ""
        Tbemail.Text = ""
        tbmobno.Text = ""
        tburl.Text = ""

    End Sub
End Class
```

ADDING ALUMNI DETAILS

```
Imports System.Data.SqlClient
Imports System.Data.SqlClient.SqlConnection

Partial Class stud_details
    Inherits System.Web.UI.Page
    Public con As New Data.SqlClient.SqlConnection("Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\WebSite2\App_Data\kct.md
f;Integrated Security=True;User Instance=True")
    Dim com, com1, com2 As New SqlCommand
    Dim sql, sql1, sql2 As String
    Dim ds, ds1, ds2 As SqlDataReader
    Dim temp1, temp2, temp3 As Integer

    Protected Sub TextBox1_TextChanged(ByVal sender As Object,
ByVal e As System.EventArgs) Handles tbregno.TextChanged

    End Sub

    Protected Sub Btnadd_Click(ByVal sender As Object, ByVal e
As System.EventArgs) Handles Btnadd.Click

        If (tbregno.Text = "" Or tbmail.Text = "") Then
            MsgBox("Please Enter All The Entries",
MsgBoxStyle.Critical, "KCT ALUMNI")
        Else
            con.Open()
            sql2 = "select * from Register where regno='" &
tbregno.Text & "'"
            com2 = New SqlCommand(sql2, con)
```

```
            com2.ExecuteNonQuery()
            ds = com2.ExecuteReader()
            If ds.Read() Then
                MsgBox("Already Registered Alumni",
MsgBoxStyle.Critical, "KCT ALUMNI")
                tbregno.Text = ""
                ds.Close()


            Else
                ds.Close()
                sql = "insert into Register values('" &
tbregno.Text & "','" & tbmail.Text & "')"
                com = New SqlCommand(sql, con)
                com.ExecuteNonQuery()
                con.Close()
                MsgBox(" Data Added Successfully",
MsgBoxStyle.Information, "KCT ALUMNI")
                tbregno.Text = ""
                tbmail.Text = ""

            End If
        End If
```

CHANGE PASSWORD

```
Imports System.Data.SqlClient
Imports System.Data.SqlClient.SqlConnection

Partial Class _Default
    Inherits System.Web.UI.Page
    Public con As New Data.SqlClient.SqlConnection("Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\WebSite2\App_Data\kct.md
f;Integrated Security=True;User Instance=True")
    Dim com, com1, com2 As New SqlCommand
    Dim sql, sql1, sql2 As String
    Dim ds As SqlDataReader
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
```

```
        If Not IsNothing(PreviousPage) Then

            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If
    End Sub

    Protected Sub Button1_Click(ByVal sender As Object, ByVal e
As System.EventArgs) Handles Button1.Click
        If (tbrefno.Text = "" Or tboldpwd.Text = "" Or
tbnewpwd.Text = "" Or tbconfnewpwd.Text = "") Then
            MsgBox("Enter All The Details",
MsgBoxStyle.Critical, "KCT ALUMNI")
        Else
            sql1 = "select * from login where password = '" &
tboldpwd.Text & "' and refno='" & tbrefno.Text & "'"
            con.Open()
            com1 = New SqlCommand(sql1, con)
            com1.ExecuteNonQuery()
            ds = com1.ExecuteReader()
            If ds.Read() Then
                If ds.GetString(2) = "1" Then
                    ds.Close()
                    MsgBox("Sorry U Have No Rights To Do This
Operation", MsgBoxStyle.Critical, "KCT ALUMNI")
                    tbrefno.Text = ""
                Else

                    ds.Close()
```

```
                    sql = "update login set password= '" &
tbnewpwd.Text & "' where password = '" & tboldpwd.Text & "'and
refno='" & tbrefno.Text & "'"

                    com = New SqlCommand(sql, con)
                    com.ExecuteNonQuery()
                    sql2 = "update details set pwd= '" &
tbnewpwd.Text & "' , confpwd='" & tbnewpwd.Text & "' where pwd =
'" & tboldpwd.Text & "' and regno='" & tbrefno.Text & "'"

                    com2 = New SqlCommand(sql2, con)
                    com2.ExecuteNonQuery()
                    MsgBox(" Password changed Successfully",
MsgBoxStyle.Information, "KCT ALUMNI")
                    tboldpwd.Text = ""
                    tbnewpwd.Text = ""
                    tbconfnewpwd.Text = ""
                    tbrefno.Text = ""
                    Response.Redirect("home1.aspx")
                End If

            Else
                MsgBox("Incorrect Reference Number Or Old
Password", MsgBoxStyle.Critical, "KCT ALUMNI")
                tbrefno.Text = ""

            End If
        End If
    End Sub
End Class
```

CHANGE ADMIN PASSWORD

```
Imports System.Data.SqlClient
Imports System.Data.SqlClient.SqlConnection

Partial Class changeadminpwd
    Inherits System.Web.UI.Page
```

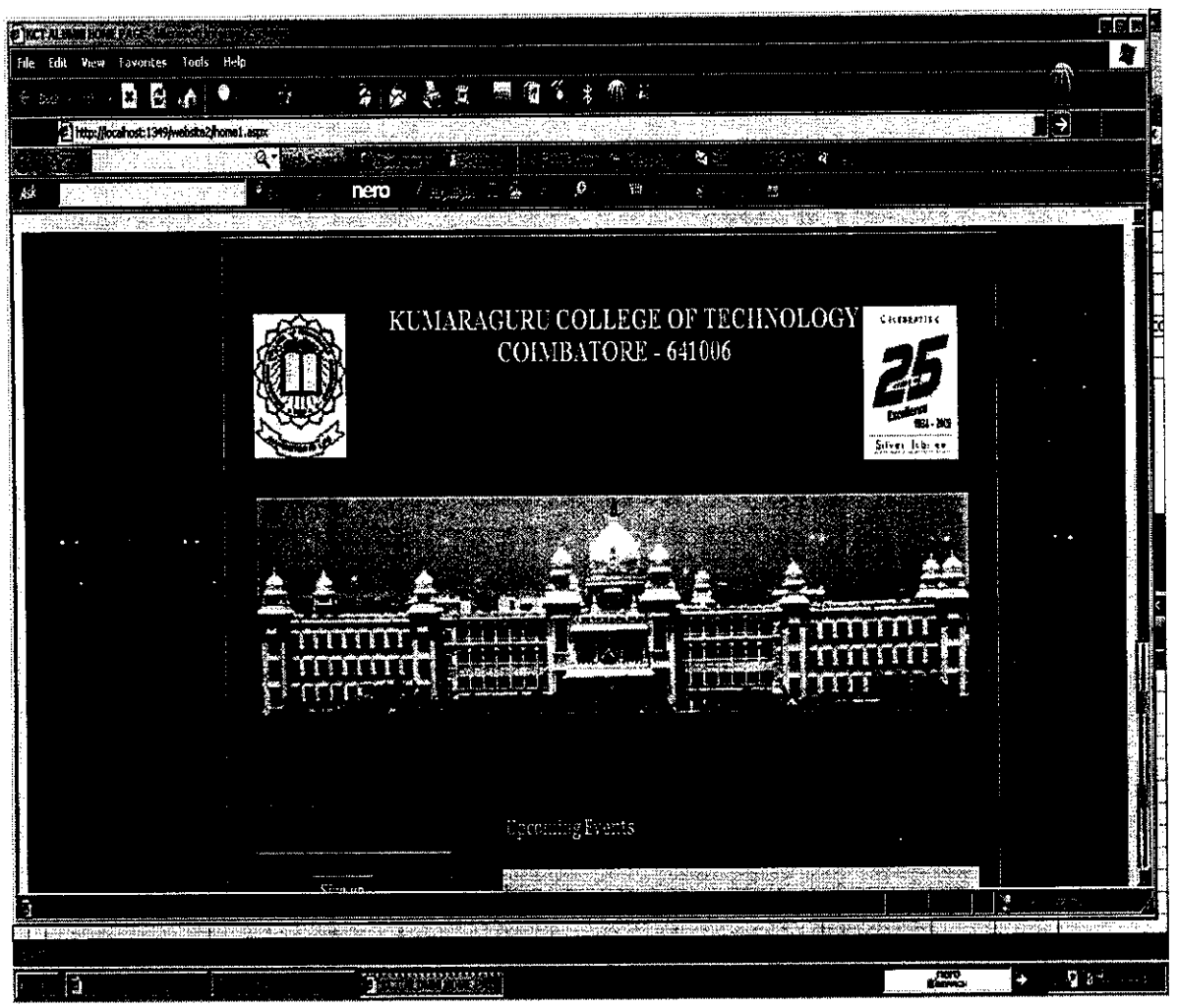
```
    Public con As New Data.SqlClient.SqlConnection("Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\WebSite2\App_Data\kct.md
f;Integrated Security=True;User Instance=True")
    Dim com, com1, com2 As New SqlCommand
    Dim sql, sql1, sql2 As String
    Dim ds As SqlDataReader

    Protected Sub Button1_Click(ByVal sender As Object, ByVal e
As System.EventArgs) Handles Button1.Click
        If (tbrefno.Text = "" Or tboldpwd.Text = "" Or
tbnewpwd.Text = "" Or tbconfnewpwd.Text = "") Then
            MsgBox("Enter All The Details",
MsgBoxStyle.Critical, "KCT ALUMNI")
        Else
            sql1 = "select * from login where password = '" &
tboldpwd.Text & "' and refno='" & tbrefno.Text & "'"
            con.Open()
            com1 = New SqlCommand(sql1, con)
            com1.ExecuteNonQuery()
            ds = com1.ExecuteReader()
            If ds.Read() Then
                ds.Close()
                sql = "update login set password= '" &
tbnewpwd.Text & "' where password = '" & tboldpwd.Text & "'and
refno='" & tbrefno.Text & "'"

                com = New SqlCommand(sql, con)
                com.ExecuteNonQuery()

                MsgBox(" Password changed Successfully",
MsgBoxStyle.Information, "KCT ALUMNI")
                tboldpwd.Text = ""
                tbnewpwd.Text = ""
                tbconfnewpwd.Text = ""
                tbrefno.Text = ""
                Response.Redirect("home.aspx")
            Else
                MsgBox("Incorrect Reference Number Or Old
Password", MsgBoxStyle.Critical, "KCT ALUMNI")
                tbrefno.Text = ""
```

```
            End If
        End If
    End Sub

    Protected Sub LinkButton1_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles LinkButton1.Click
        tboldpwd.Enabled = False
        Label6.Visible = True
        Button1.Visible = False
        alumnibutton.Visible = True
    End Sub

    Protected Sub alumnibutton_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles alumnibutton.Click
        If (tbrefno.Text = "" Or tbnewpwd.Text = "" Or
tbconfnewpwd.Text = "") Then
            MsgBox("Enter All The Details",
MsgBoxStyle.Critical, "KCT ALUMNI")
        Else
            sql1 = "select * from login where refno='" &
tbrefno.Text & "'"
            con.Open()
            com1 = New SqlCommand(sql1, con)
            com1.ExecuteNonQuery()
            ds = com1.ExecuteReader()
            If ds.Read() Then
                ds.Close()
                sql = "update login set password= '" &
tbnewpwd.Text & "' where refno='" & tbrefno.Text & "'"

                com = New SqlCommand(sql, con)
                com.ExecuteNonQuery()
                sql2 = "update details set pwd= '" &
tbnewpwd.Text & "' , confpwd='" & tbnewpwd.Text & "' where
regno='" & tbrefno.Text & "'"

                com2 = New SqlCommand(sql2, con)
                com2.ExecuteNonQuery()
```

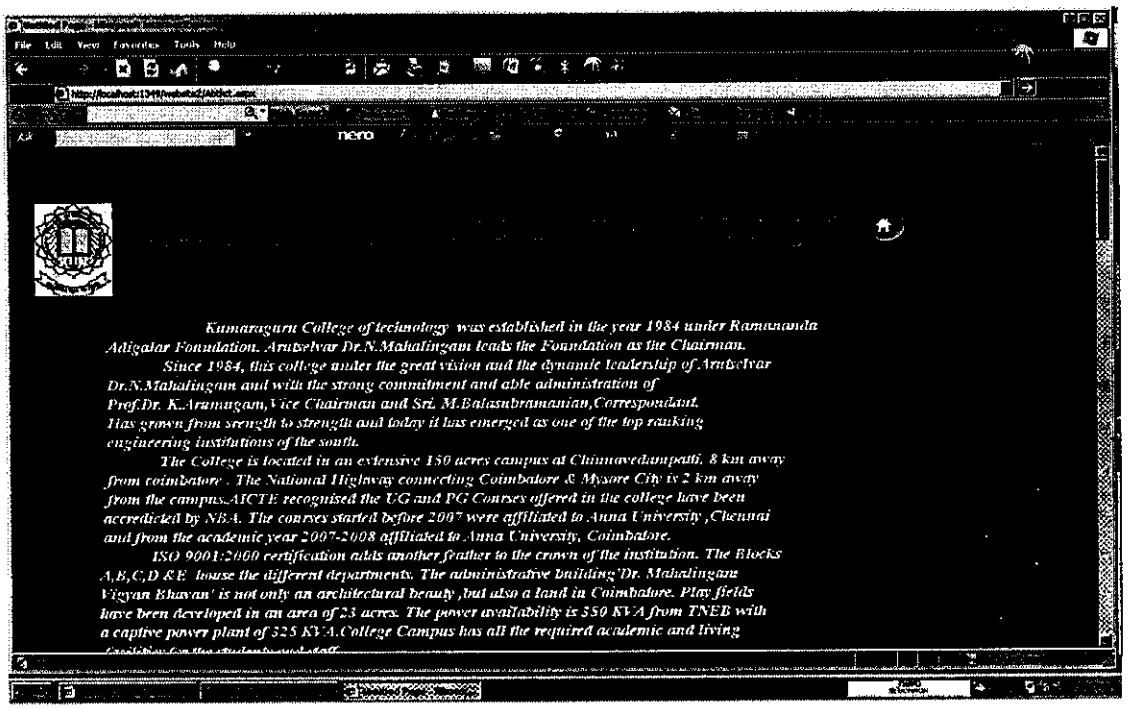
```
                MsgBox(" Password changed Successfully",
MsgBoxStyle.Information, "KCT ALUMNI")
                tboldpwd.Text = ""
                tbnewpwd.Text = ""
                tbconfnewpwd.Text = ""
                tbrefno.Text = ""
                Response.Redirect("home1.aspx")
            Else
                MsgBox("Incorrect Reference Number Or Old
Password", MsgBoxStyle.Critical, "KCT ALUMNI")
                tbrefno.Text = ""

            End If
        End If
    End Sub

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsNothing(PreviousPage) Then

            Dim txtsearch As TextBox =
CType(PreviousPage.FindControl("txtforfinduser"), TextBox)
            txtforfinduser.Text = String.Format(txtsearch.Text)

            Dim txtsearch1 As TextBox =
CType(PreviousPage.FindControl("txtusername"), TextBox)
            txtusername.Text = String.Format(txtsearch1.Text)
            labelname.Text = txtusername.Text
            Dim txtsearch2 As TextBox =
CType(PreviousPage.FindControl("txtid"), TextBox)
            txtid.Text = String.Format(txtsearch2.Text)
        End If
    End Sub
End Class
```

SCREEN SHOTS

HOME PAGE



ABOUT KCT



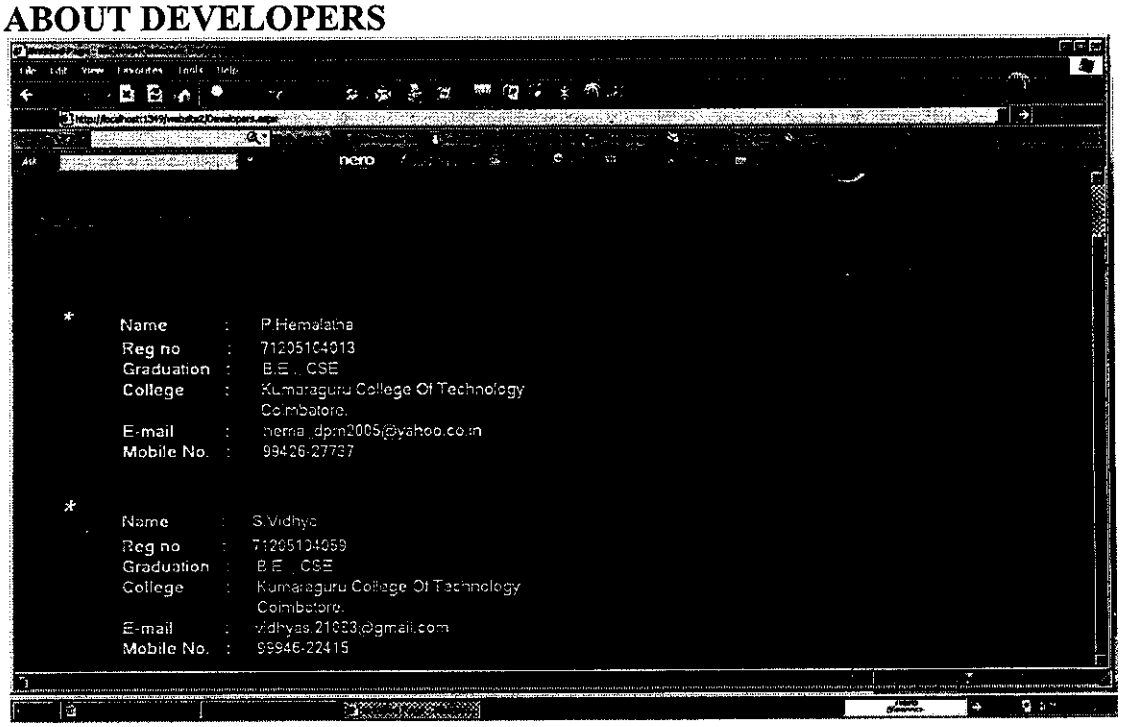
Kumaraguru College of Technology was established in the year 1984 under Ramananda Adigalar Foundation. Arutselvar Dr.N.Mahalingam leads the Foundation as the Chairman.

Since 1984, this college under the great vision and the dynamic leadership of Arutselvar Dr.N.Mahalingam and with the strong commitment and able administration of Prof.Dr. K.Aramugam,Vice Chairman and Sri. M.Balasubramanian,Correspondant. Has grown from strength to strength and today it has emerged as one of the top ranking engineering institutions of the south.

The College is located in an extensive 150 acres campus at Chinnavedampatti, 8 km away from coimbatore . The National Highway connecting Coimbatore & Mysore City is 2 km away from the campus.AICTE recognised the UG and PG Courses offered in the college have been accredicted by NBA. The courses started before 2007 were affiliated to Anna University ,Chennai and from the academic year 2007-2008 affiliated to Anna University, Coimbatore.

ISO 9001:2000 certification adds another feather to the crown of the institution. The Blocks A,B,C,D &E house the different departments. The administrative building'Dr. Mahalingam Vigyan Bhavan' is not only an architectural beauty ,but also a land in Coimbatore. Play fields have been developed in an area of 23 acres. The power availability is 550 KVA from TNEB with a captive power plant of 525 KVA.College Campus has all the required academic and living

ABOUT DEVELOPERS



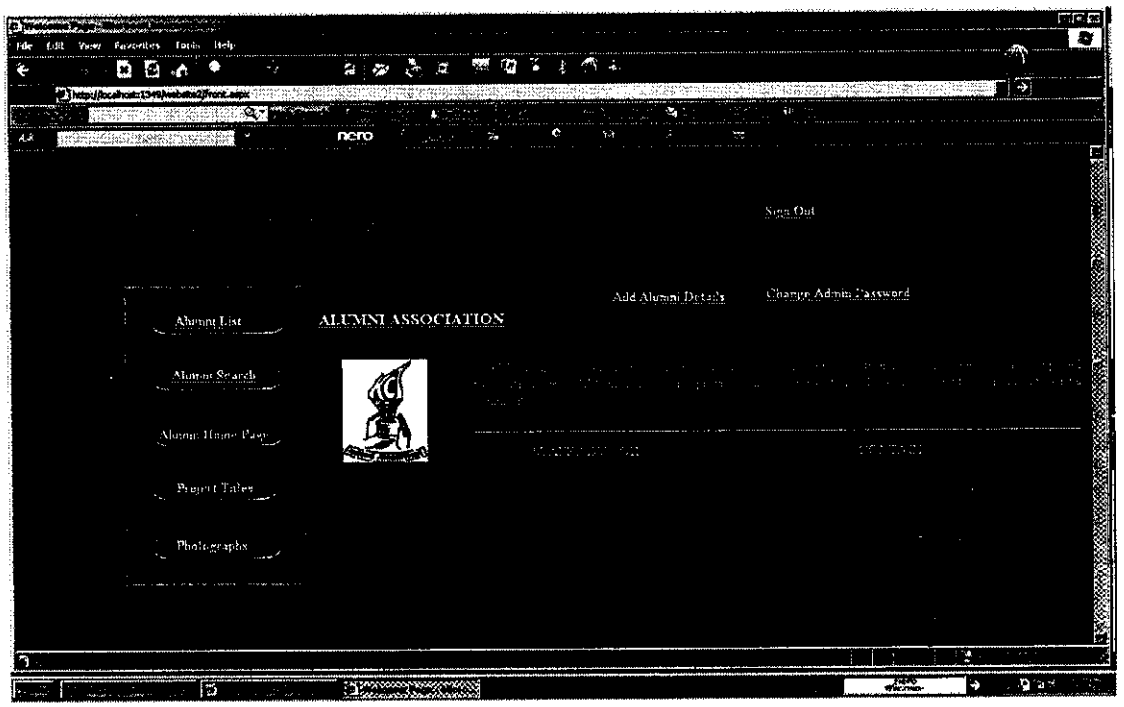
*

Name : P.Hemalatha
Reg no : 71205104013
Graduation : B.E., CSE
College : Kumaraguru College Of Technology Coimbatore.
E-mail : hema_dpm2005@yahoo.co.in
Mobile No. : 99426-27737

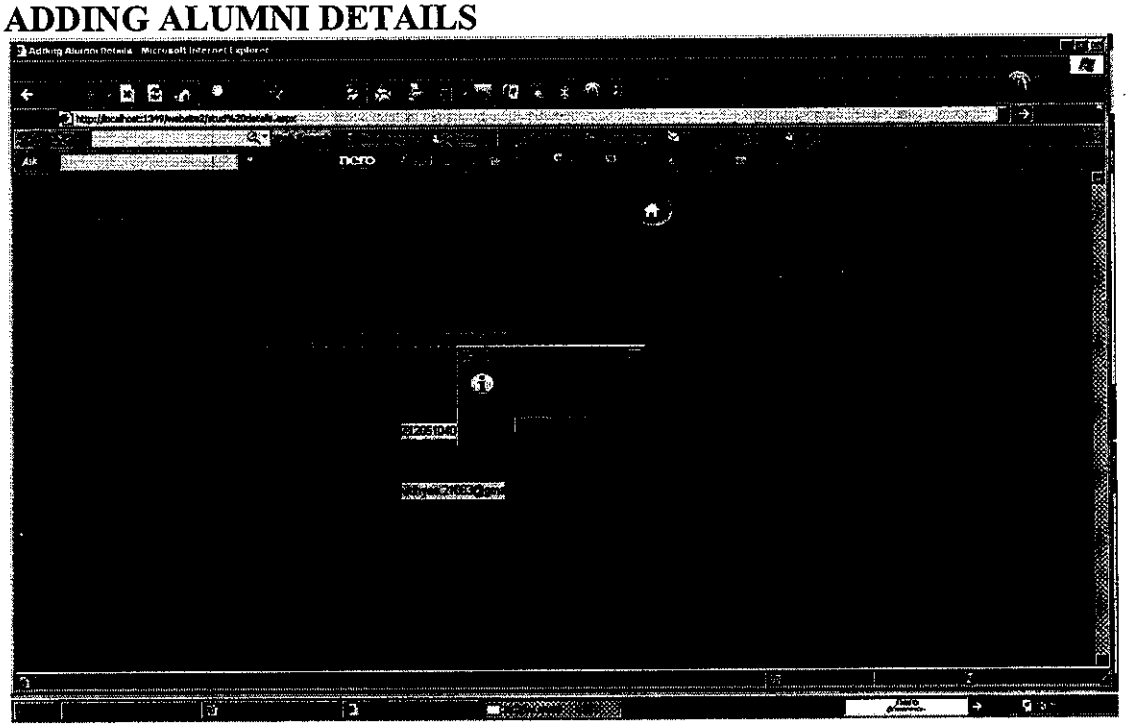
*

Name : S.Vidhya
Reg no : 71205104059
Graduation : B.E., CSE
College : Kumaraguru College Of Technology Coimbatore.
E-mail : vidhyas.21883@gmail.com
Mobile No. : 99946-22415

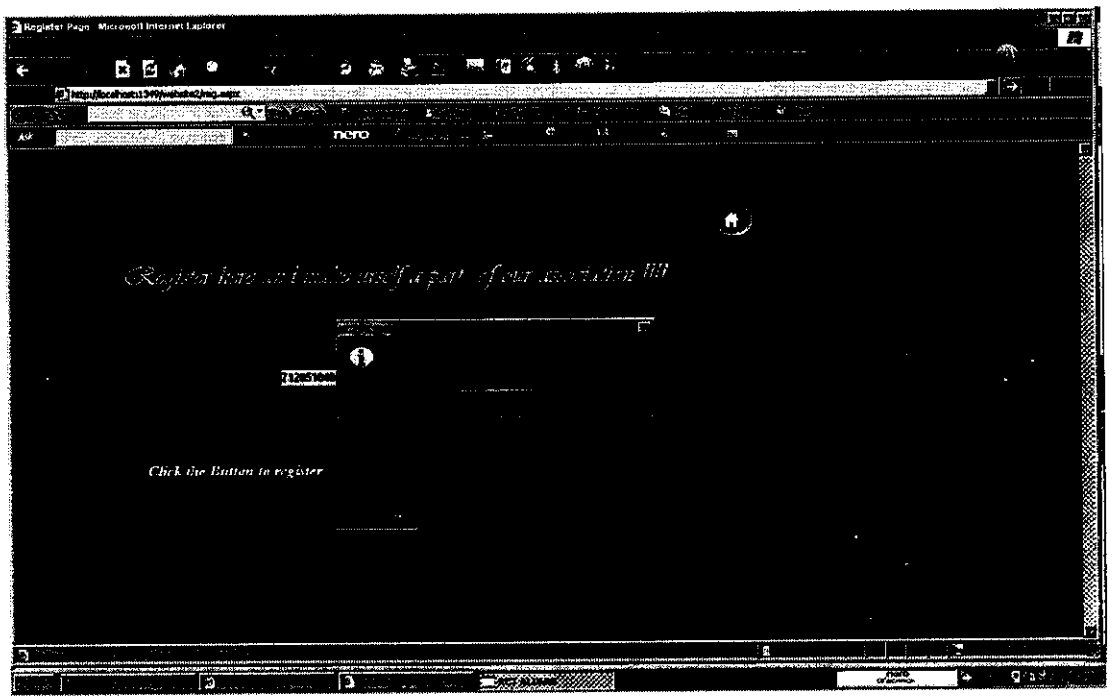
FRONT PAGE



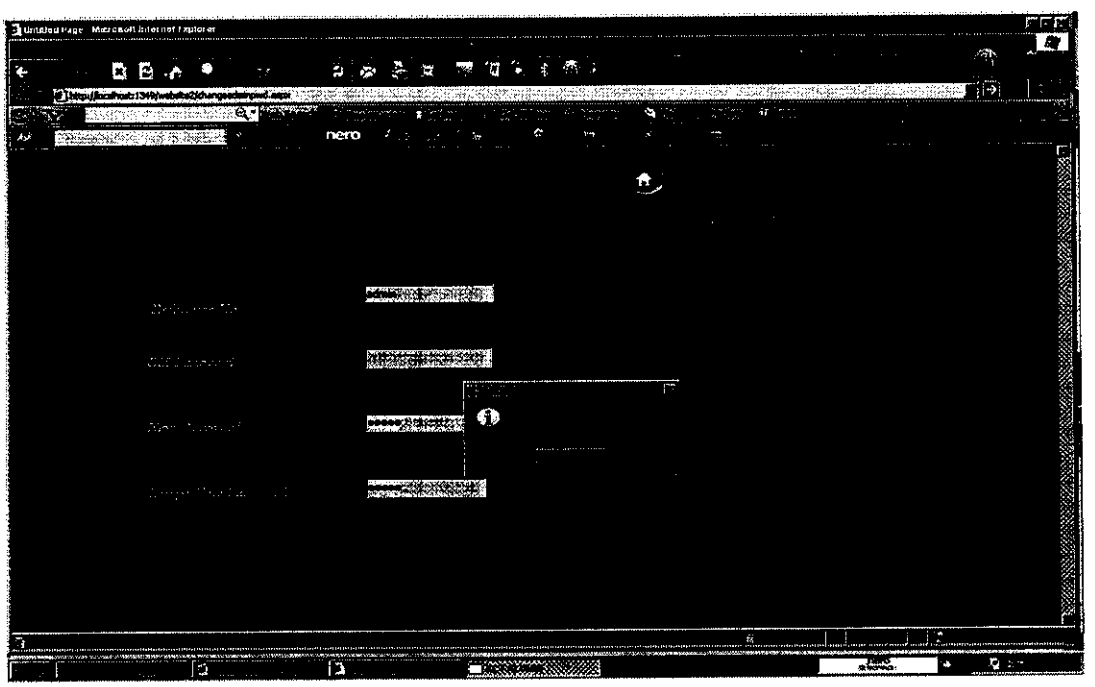
ADDING ALUMNI DETAILS



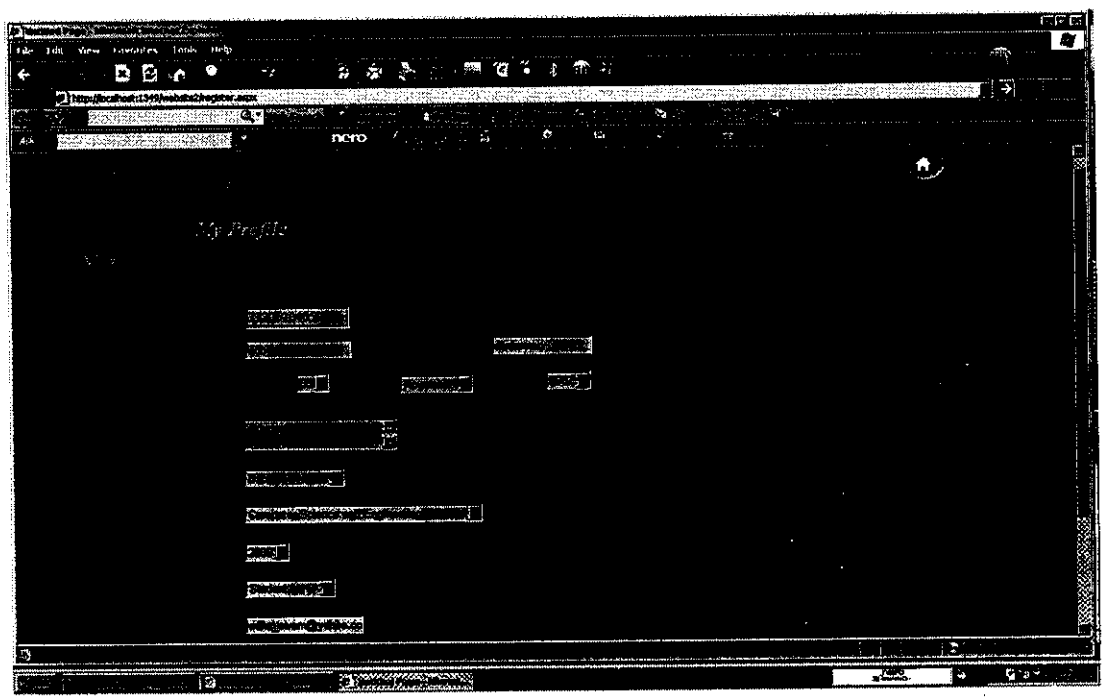
SIGN UP



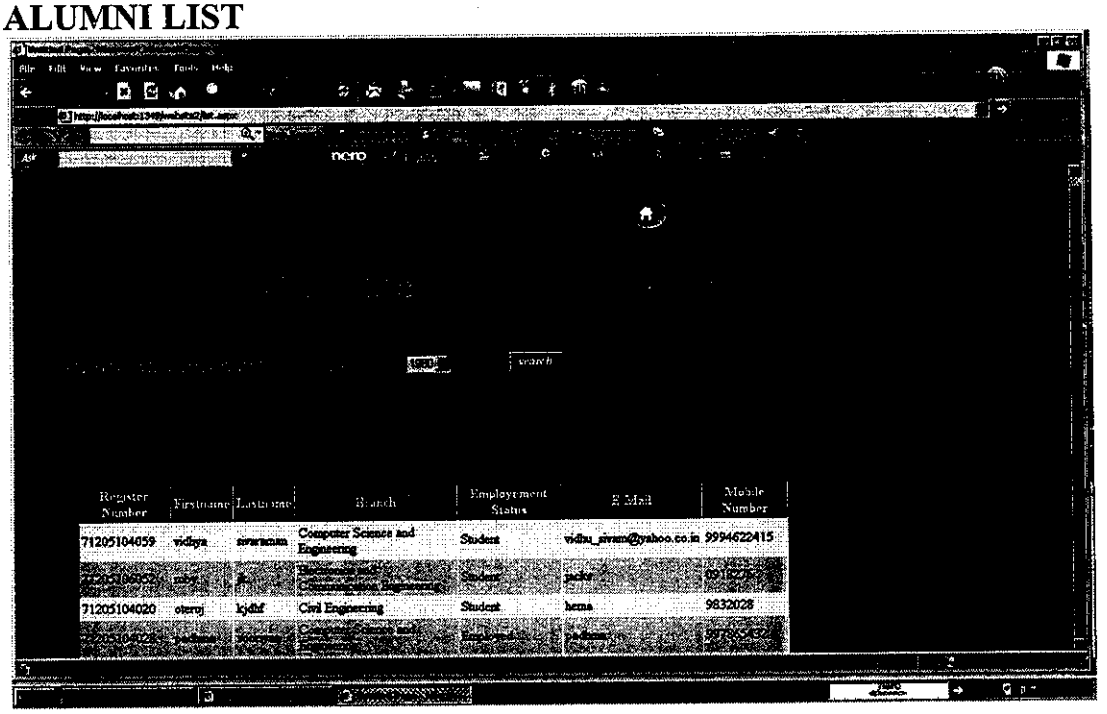
CHANGE ADMIN PASSWORD



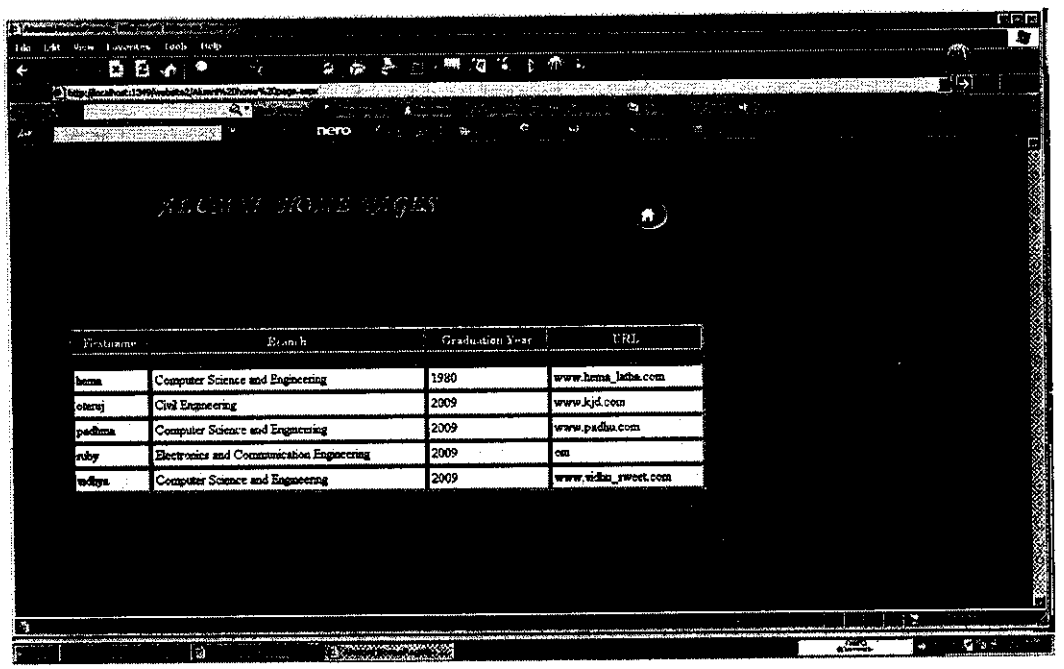
MY PROFILE



ALUMNI LIST

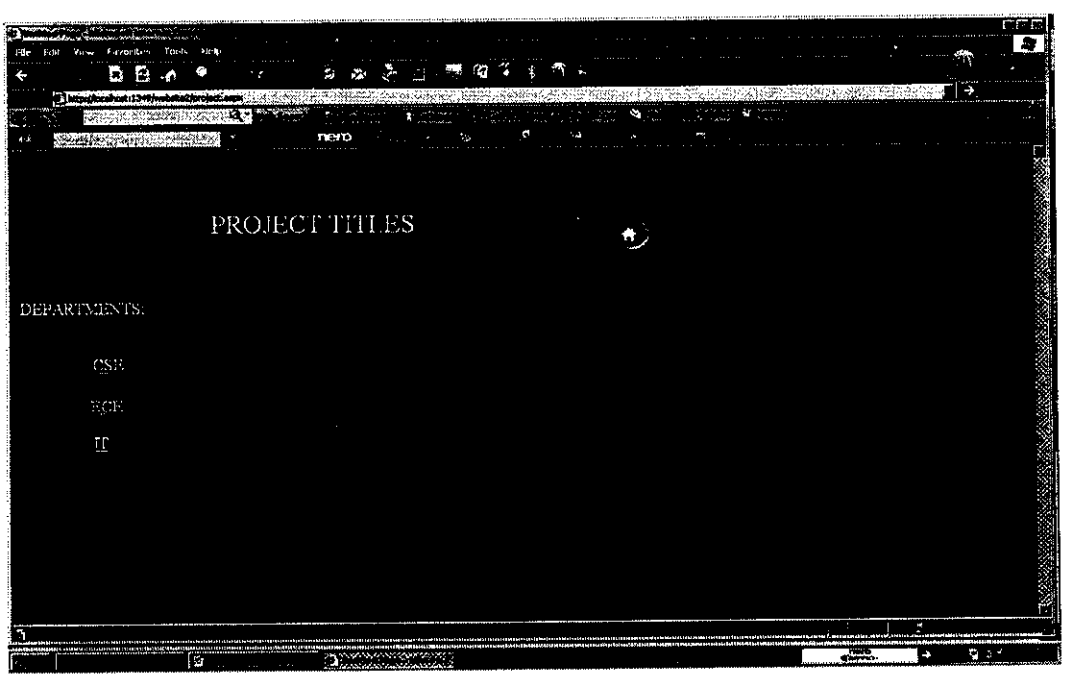


HOME PAGES OF ALUMNI

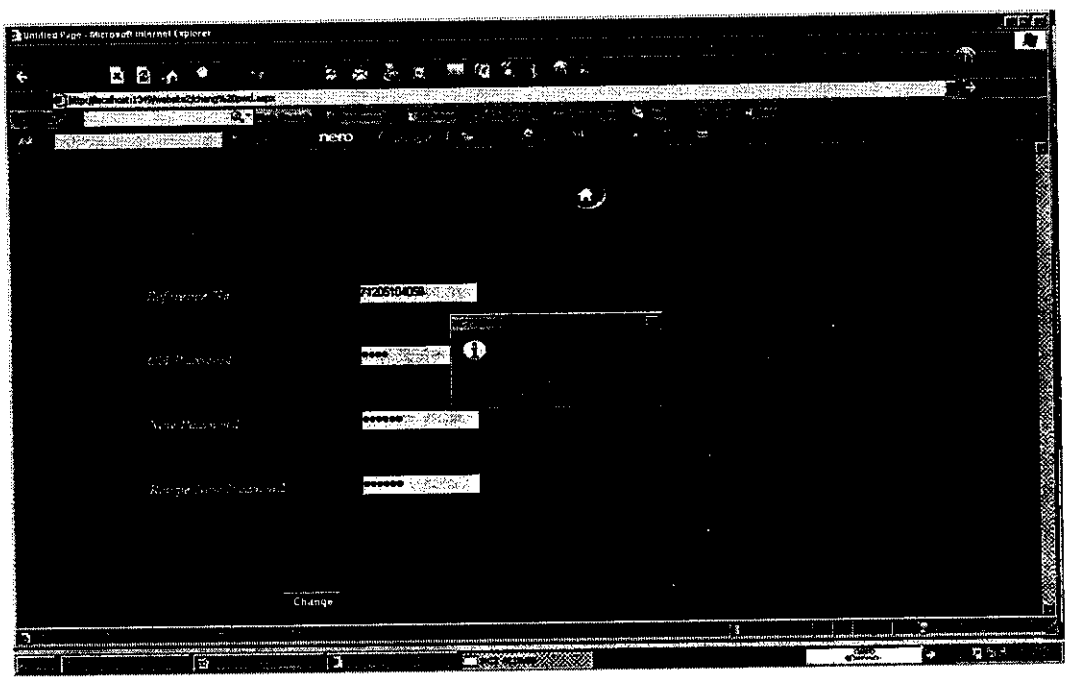


Firstname	Branch	Graduation Year	URL
hema	Computer Science and Engineering	1980	www.hema_latha.com
veeraj	Civil Engineering	2009	www.kjd.com
padhma	Computer Science and Engineering	2009	www.padhu.com
ruby	Electronics and Communication Engineering	2009	om
vidya	Computer Science and Engineering	2009	www.vidhu_sweet.com

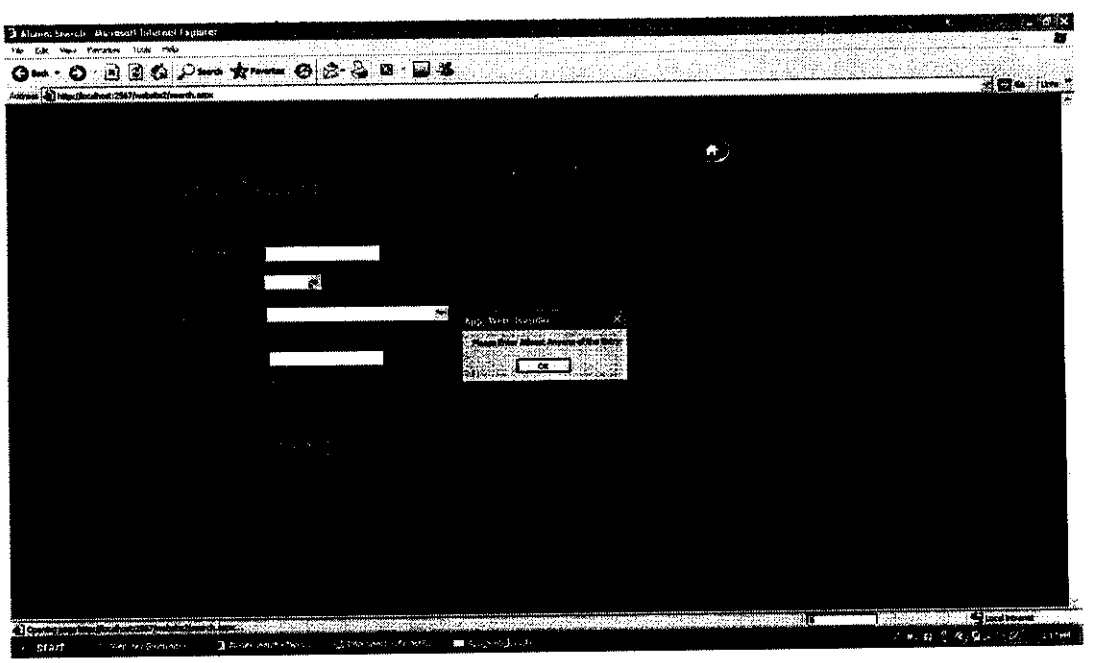
PROJECT TITLES

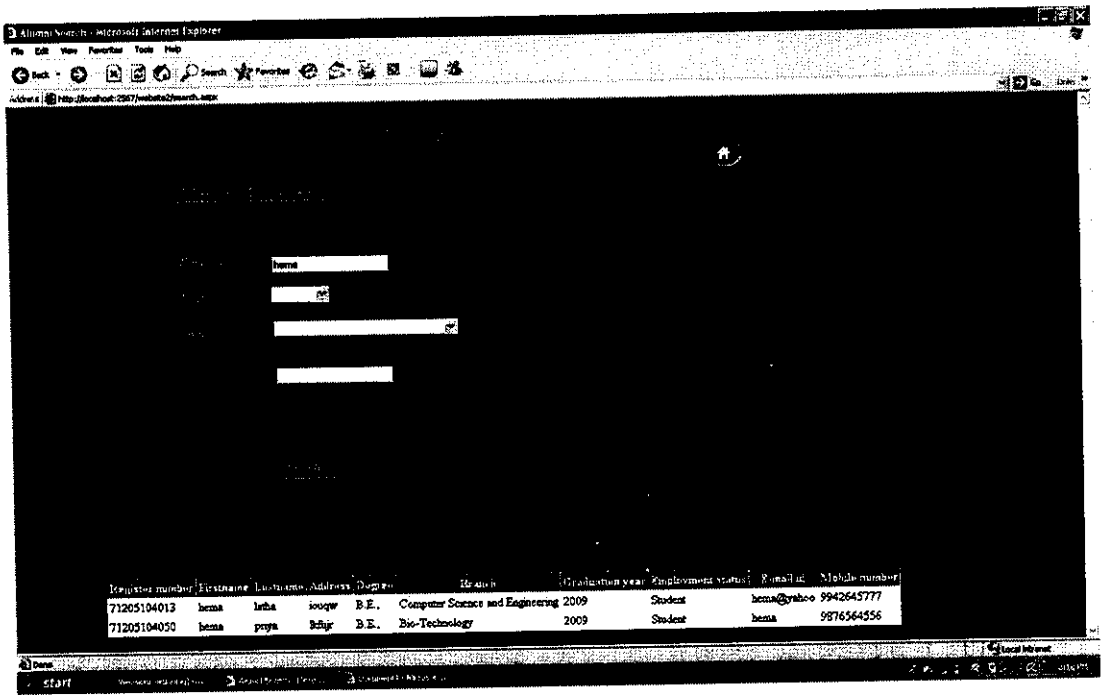


CHANGE PASSWORD



ALUMNI SEARCH




Alumni Search - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://localhost:2567/website2/search.aspx
hema
Register number
Firstname
Lastname
Address
Degree
Branch
Graduation year
Employment status
E-mail id
Mobile number
71205104013 hema latha iouqw B.E. Computer Science and Engineering 2009 Student hema@yahoo 9942645777
71205104050 hema priya lkfajr B.E. Bio-Technology 2009 Student hema 9876564556
start

REFERENCES

- Damien Watkins, "Programming in the .NET Environment".
- Tony Martin, Dominic Selly, "Visual Basic.Net projects", Tata McGraw-Hill publications, 2003.
- Eric J. Bruade (Wiley 2001) "Software Engineering: An Object-Oriented Perspective".
- Gayle Coffman "SQL Server 7 the complete reference", Tata McGraw-Hill Publications,1999

- Online references
  - www.microsoft.com
  - www.asp.net
  - www.aspalliance.com