

*R.A. ARTS, SHRI M.K. COMMERCE & SHRI S.R. RATHI SCIENCE
COLLEGE, WASHIM.*

*NAAC REACCREDITED AT THE "A" GRADE
COLLEGE WITH POTENTIAL FOR EXCELLENCE*



PROJECT REPORT

ON

"DIGITAL ATTENDANCE APPLICATION"

Session 2016-17

Submitted For

**BACHELOR OF COMPUTER APPLICATION
(SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI)**

Submitted By

Mr. Sachin R. Mokale

Mr. Shubham R. Surve

Mr. Aman V. Vishwakarma

Mr. Deepak B. Deshmukh

Guided By

Prof. D. V. Somani

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Department Of BCA

CERTIFICATE

**This is to certify that the Project Entitled
"DIGITAL ATTENDANCE APPLICATION"**

*Has been successfully completed by the BCA Final Year
students in Session 2016-17*

Mr. Sachin R. Mokale

Mr. Shubham R. Surve

Mr. Aman V. Vishwakarma

Mr. Deepak B. Deshmukh

Project Guide
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R.A. College, Washim

R.A. ARTS, SHRI M.K. COMMERCE & SHRI S.R. RATHI SCIENCE
COLLEGE, WASHIM.

NAAC REACCREDITED AT THE "A" GRADE
COLLEGE WITH POTENTIAL FOR EXCELLENCE
2016-17



EXAMINER'S CERTIFICATE

This is to certify that the following students

Mr. Sachin R. Mokale

Mr. Shubham R. Surve

Mr. Aman V. Vishwakarma

Mr. Deepak B. Deshmukh

Of Final Year Bachelor of Computer Application

Were examined in the Project Work entitled

"DIGITAL ATTENDANCE APPLICATION"

On / /2017 at R.A. Collage, Washim.

**Signature
(Internal Examiner)**

Date: / /2017

**Signature
(External Examiner)**

Date: / /2017

ACKNOWLEDGEMENT

*We are thankful to our Honorable Principle **Prof. Dr. M. M. Sancheti**, who inspired us a lot to achieve the highest goal.*

*We are also thankful to our Head of Department, of Bachelor of Computer Application, **Prof. S. L. Mapari**, Whose esteemed suggestion and encouragement from time to time have always been unparalleled stimuli for us to travel eventually towards completion of this project.*

*We avail this opportunity to express our deep sense of gratitude and whole hearted thanks to our **Prof. D. V. Somani** for his valuable guidance and encouragement to embark this project.*

Last but not the least we would like to thank our parents and all our friends who helped us directly or indirectly for success of our project.

(BCA-III^{YR} STUDENT'S)

1.-----

Mr. Sachin R. Mokale

2.-----

Mr. Shubham R. Surve

3.-----

Mr. Aman V. Vishwakarma

4.-----

Mr. Deepak B. Deshmukh

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Abstract

Abstract



Title:-

Digital Attendance Application

Introduction:-

Project is a task for the students for generating their ability along with their talent. Now we can create a project of Digital Attendance Application. This is project or application will be made to reduce the paper work of people.

This application is created for the ease and maintenance of student attendance. It generates the absent list with the student details like Roll No., Name and Contact No. All reports are stored in MS Access as well as text file format. For security purpose, authentication processes are also implemented in which staff/user will have to provide Username, Password and Pass key (i.e. picture). Also this system will calculate and provide the student's attendance percentage for every session. This application has been designed using Visual Basic 6.0 as front end and MS-Access as Database.

We made this project in visual basic 6.0 software. The database is operate through the internally by visual basic data manager. The data will be stored by the date wise in the specific folder.

This project will be used to reduce the paper work and also reduce the time. In this project we provide the three types of security: 1. User ID Detection 2. Password Security 3. Image Analyzer without passing this security we cannot access the attendance application.

Forms:-

- A. Main Form
- B. Start Option
 - 1. Three level of Login Security
 - a. User ID Detection
 - b. Password Security
 - c. Image Analyzer
 - 2. Selection Of Department
 - a. BCA
 - b. BSC
 - c. B.COM
 - d. BA
 - 3. Selection of Class-

- a. Ist Year
- b. IInd Year
- c. IIIrd Year
- 4. Attendance Sheet
- 5. Overall View of Attendance Report
- 6. Absent students list
- 7. Data Storing Mechanism
- 8. Data Preview which store in the database

- C. Restart Option
- D. Open Database
- E. Register
- F. Search
- G. Sign up
- H. Help
- I. About
- J. Exit

Software:-

Front End:

Visual Basic 6.0

Database:-

Back End:

MS-Access

Team Member:-

- 1. Shubham R. Surve
- 2. Sachin R. Mokale
- 3. Aman V. Vishwakarma
- 4. Deepak B. Deshmukh

Introduction

Introduction to Visual Basic

- Visual Basic is a programming language and development environment created by Microsoft.
- Visual Basic provides a graphical user interface GUI that allows the developer drag and drop objects into the program as well as manually write program code.
- Visual Basic, also referred to as "VB," is designed to make software development easy and efficient

Visual Basic 6.0

1. Visual Basic is a programming language and integrated development environment.
2. It derives from the much older BASIC programming language, and so is considered useful and easy programming language for the beginner to learn.
3. Visual Basic 6.0 was the final edition of Visual Basic.

Feature Of visual basic 6.0

1. Learning Consists of all necessary tools required to build main stream Windows Applications
2. Professional Includes advanced features such as tools to develop ActiveX and Internet controls.
3. Enterprise In addition to all Professional features, it also includes tools such as Visual

Features of visual basic

1. GUI Interface
2. Modularization
3. Object Oriented
4. Debugging
5. Macros IDE
6. Data access feature

Guo Interface: -

VB is a Graphical User Interface language. This means that a VB program will always show something on the screen that the user can interact with to get a job done.

Modularization: -

It is considered good programming practice to modularize your programs. Small modules where it is clearly indicated what comes into the module and what goes out makes a program easy to understand.

Object Oriented: -

Object Oriented Programming is a concept where the programmer thinks of the program in "objects" that interact with each other. Visual Basic forces this good programming practice.

Debugging: -

Visual Basic offers two different options for code debugging:- Debugging Managed Code Runtime Debugger The Debugging Managed Code individually debugs C and C++ applications and Visual Basic Windows applications. The Runtime Debugger helps to find and fix bugs in programs at runtime.

Data Access Feature: -

By using data access features, we can create databases, scalable server-side components for most databases, including Microsoft SQL Server and other enterprise-level database.

Macros IDE: -

The Macros integrated development environment is similar in design and function to the Visual Studio IDE. The Macros IDE includes a code editor, tool windows, the properties windows and editors.

Introduction To MS-Access

Microsoft Access is a computer application used to create and manage computer-based databases on desktop computers and/or on connected computers (a network). Microsoft Access can be used for personal information management (PIM), in a small business to organize and manage data, or in an enterprise to communicate with servers.

Like any other computer application, in order to use Microsoft Access, you must first install it. After installing Microsoft Access, then you can open it. There are various ways you can open Microsoft Access. It gets launched like the usual products you have probably been using. As such, to start this program, you could click Start -> (All) Programs -> Microsoft Office -> Microsoft Office Access 2007. You can also launch it from Windows Explorer or My Computer. To do this, locate its shortcut in Windows Explorer or My Computer. By default, Microsoft Access 2007 is located in C:\Program Files\Microsoft Office\Office12 and its shortcut is called MSACCESS.EXE. Once you have located it, you can then double-click it.

If you have a Microsoft Access database such as an E-Mail attachment, a file on a floppy disk, on the network, or in any other means, once you see its icon, you can double-click it. Not only will this action launch Microsoft Access, but also it will open the file.

You can also launch Microsoft Access from a shortcut. If you happen to use the software on a regular basis, you can create a shortcut on your desktop or on the Quick Launch area.

If you are working on a network of related computers, your database may be located in another computer. In this case the network or database administrator would create a link or shortcut to the drive that is hosting the database. You can then click or double-click this link or shortcut to open the database and, as a result, launch Microsoft Access.

The Database as a File

A Microsoft Access database is primarily a Windows file. It must have a location, also called a path, which indicates how the file can be retrieved and made available. Although you can create a database on the root directory such as the C: drive, it is usually a good idea to create your files, including your databases, in an easily recognizable folder.

When you installed the computer (or when it was installed), it (the operating system) might have created a folder called My Documents that provides a convenient place for you to create your files. If various people use the same computer, there is a different My Documents folder for each one.

When you log in, the computer (the operating system) locates your corresponding My Documents folder and makes it available.

Creating Database

In our lessons, we will learn different techniques of creating a database. For now, a database is first of all a Windows file. It is mainly created from Microsoft Access. If you have just started Microsoft Access, to create a database, you can use one of the links in the main (middle section of the interface).

You can proceed from one of these options. Like every file in the computer, a database must have a name that identifies it. This name must be specified when creating the database.

In our description of the Microsoft Access interface, we saw that the right section displayed an empty area. If you start creating a database as we will see in the next sections and lessons, the right side gets filled with some options, such as prompting you to name your database.

Database Properties

Whether you work alone or in a group, communication and documentation are important. Your database project has its own properties that you can use to find out some details about your file, to enter some notes about the project, or to give directives to other people who have access to the database. This can be done using a dialog box called the Database Properties. To access it, you can click the Office Button -> Manage -> Database Properties.

Feasibility Study

Economically Feasibility:

The system being developed is economic with respect to School or Collage's point of view. It is cost effective in the sense that has eliminated the paper work completely.

The system is also time effective because the calculations are automated which are made at the end of the month or as per the user requirement.

The result obtained contains minimum errors and are highly accurate as the data is required.

Technical feasibility:

The technical requirement for the system is economic and it does not use any other additional Hardware and software.

Behavioural Feasibility:

The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for operating the system.

Data Tables

Database:-

Field Name	Data Type
DATE	Date/Time
DEPT	Text
CLASS	Text
LECTURAL	Text
LOGIN_SESSION	Date/Time
LOGOUT_SESSION	Date/Time
PRESENT	Number
ABSENT	Number

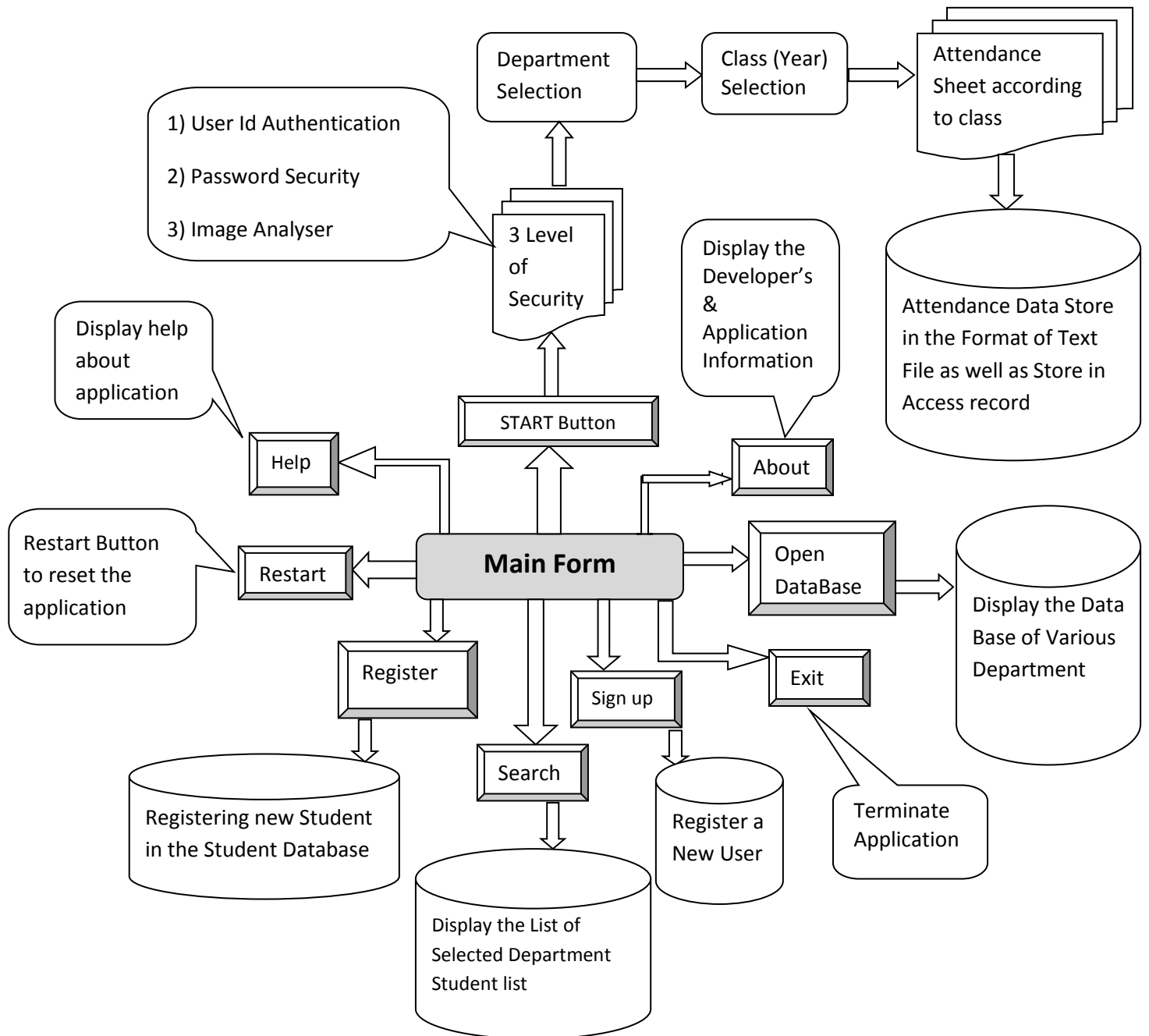
Stu_Database:-

Field Name	Data Type
Rollno	Number
Stu_name	Text
Present	Number
absent	Number

Sign_Up:-

Field Name	Data Type
User_id	Text
Password	Text
image	Text

Data Flow Diagram



Design and Coding

Main Form:

The main form includes the menus like Restart, Open Data base, Register, Sign up, Search, Help, About and Exit.

The main form also includes of the start button to start up the Attendance Process (with three level of login security).



```
Public sel As Integer
Private Sub About_Click()
Form15.Show
```

```
End Sub
```

```
Private Sub BA_Click()
sel = 3
Form16.Show
End Sub
```

```
Private Sub BCA_Click()
sel = 0
Form16.Show
End Sub
```

```
Private Sub BCom_Click()
sel = 2
Form16.Show
End Sub
```

```
Private Sub BSC_Click()
sel = 1
Form16.Show
End Sub
```

```
Private Sub Command1_Click()
Form1.Show
```

```
Form1.Text1.Text = ""  
Form2.Text2.Text = ""  
Form2.Text1.SelText = ""  
Form11.Command1.Visible = True
```

```
Form11.Command2.Visible = True
```

```
Form11.Command3.Visible = True  
Form11.Command4.Visible = False  
Form11.Command5.Visible = False  
Form11.Command6.Visible = False  
Form4.Text1.Text = ""  
Form5.Label1.Caption = " "  
Form5.Label2.Caption = " "  
Form5.Label3.Caption = " "  
Form5.Label4.Caption = " "
```

```
Form6.Label1.Caption = " "  
Form6.Label2.Caption = " "  
Form6.Label3.Caption = " "  
Form6.Label4.Caption = " "
```

```
Form9.Text1.Text = ""
```

```
Form10.Text1.Text = ""  
Form10.Text2.Text = ""  
Form10.Text3.Text = ""  
Form10.Text4.Text = ""
```

```
End Sub
```

```
Private Sub Command10_Click()  
Frame3.Caption = Command10.Caption  
Frame3.Visible = True  
Command12.Visible = True  
Text3.Visible = True  
Text3.Text = "End the Application"
```

```
End Sub
```

```
Private Sub Command11_Click()  
Frame2.Visible = False  
Command3.Visible = False  
Command4.Visible = False  
Command5.Visible = False
```

```
Command12.Visible = False  
Frame3.Visible = False
```

```
Frame3.Caption = ""  
Text3.Text = ""  
Text3.Visible = False
```

```
End Sub
```

```
Private Sub Command12_Click()  
Frame3.Visible = False  
Text3.Visible = False  
Text3.Text = ""
```

```
Command12.Visible = False
End Sub
```

```
Private Sub Command19_Click()
Frame1.Visible = False
Label2.Visible = False
Label3.Visible = False
Label4.Visible = False
Text1.Visible = False
Text2.Visible = False
Combo1.Visible = False
Command2.Visible = False
```

```
Text1.Text = ""
Text2.PasswordChar = ""
Text2.Text = ""
Text2.PasswordChar = "*"
Combo1.ListIndex = 0
Command19.Visible = False
End Sub
```

```
Private Sub Command2_Click()
If Text1.SelLength = 0 & Text2.SelLength = 0 Then
MsgBox "Please Dont Leave it Blank"
Text1.Text = ""
```

```
Text1.SetFocus
Text2.Text = ""
Else
Data1.Recordset.Fields("user_id").Value = Text1.Text
Data1.Recordset.Fields("password").Value = Text2.Text
Data1.Recordset.Fields("image").Value = Combo1.Text
Data1.Recordset.Update
```

```
Frame1.Visible = False
Label2.Visible = False
Label3.Visible = False
Label4.Visible = False
Text1.Visible = False
Text2.Visible = False
Combo1.Visible = False
Command2.Visible = False
```

```
End If
End Sub
```

```
Private Sub Command3_Click()
Frame3.Caption = Command3.Caption
Frame3.Visible = True
Command12.Visible = True
Text3.Visible = True
Text3.Text = "Start >>UserID Authentication >> Password Security >> Image Analyzer>> Department Selection >>Class(Year)
Selection >> Attendance Sheet >> Attendance Report >> Absent Student List >> Storing Attendance Data into DataBase& Exit "
```

```
End Sub
```

```
Private Sub Command4_Click()
Frame3.Caption = Command4.Caption
Frame3.Visible = True
Command12.Visible = True
```



```
Text3.Visible = True
Text3.Text = "Restart the Appication"
End Sub
```

```
Private Sub Command5_Click()
Frame3.Caption = Command5.Caption
Frame3.Visible = True
Command12.Visible = True
Text3.Visible = True
Text3.Text = "Display the Overall Attendace Database of all Department, you can sort the Database by the selected
Department as well as Class(Year"
End Sub
```

```
Private Sub Command6_Click()
Frame3.Caption = Command6.Caption
Frame3.Visible = True
Command12.Visible = True
Text3.Visible = True
Text3.Text = "Registration of a New student"
End Sub
```

```
Private Sub Command7_Click()
Frame3.Caption = Command7.Caption
Frame3.Visible = True
Command12.Visible = True
Text3.Visible = True
Text3.Text = "Searching of a student for lookup the attendace for his/her"
End Sub
```

```
Private Sub Command8_Click()
Frame3.Caption = Command8.Caption
Frame3.Visible = True
Command12.Visible = True
Text3.Visible = True
Text3.Text = "Create a New Login Account, but with Admin PassKey you can Enter into the SignUp Process"

End Sub
```

```
Private Sub Command9_Click()
Frame3.Caption = Command9.Caption
Frame3.Visible = True
Command12.Visible = True
Text3.Visible = True
Text3.Text = "Display the Application Developer & Designer Information"

End Sub
```

```
Private Sub Exit_Click()
End
End Sub
```

```
Private Sub Form_Load()
Combo1.AddItem "Image 1"
Combo1.AddItem "Image 2"
Combo1.AddItem "Image 3"
Combo1.AddItem "Image 4"
```

```
End Sub
```

```
Private Sub Help_Click()
Frame2.Visible = True
```

```
Command3.Visible = True
Command4.Visible = True
Command5.Visible = True
Command6.Visible = True
```

```
Command12.Visible = False
Frame3.Visible = False
Frame3.Caption = ""
Text3.Text = ""
Text3.Visible = False
```

```
End Sub
```

```
Private Sub Open_Click()
```

```
Form14.Show
End Sub
```

```
Private Sub Restart_Click()
Form1.Refresh
Form2.Refresh
Form3.Refresh
Form4.Refresh
```

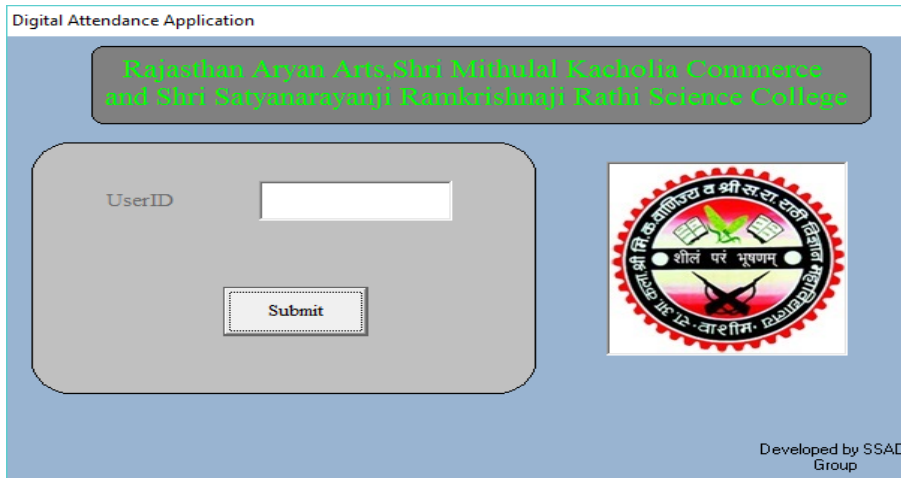
```
Command1.Enabled = True
End Sub
```

```
Private Sub Search_Click()
On Error GoTo msg
msg:
MsgBox "Welocme to Search Engine of Student", vbOKOnly, "Message"
Form17.Show
Exit Sub
End Sub
```

```
Private Sub SignUp_Click()
Dim ip As String
ip = InputBox("Enter the Secure Pass-Key for register new login account", "Security Warning")
If ip = "" Then
MsgBox "Dont leave it Blank", vbOKOnly, "Error"
Else
If ip = "RAC@Washim" Then
Frame1.Visible = True
Label2.Visible = True
Label3.Visible = True
Label4.Visible = True
Text1.Visible = True
Text2.Visible = True
Combo1.Visible = True
Command19.Visible = True
Command2.Visible = True
Text1.SetFocus
Data1.Recordset.AddNew
Else
MsgBox "Please Enter the correct the Pass-Key", vbOKOnly, "Invalid Pass-Key"
End If
End If
End Sub
```

User ID form:

It consist of a valid and also unique user ID to Pass out the first level of security i.e. User ID detection.



```
Private Sub Command1_Click()
```

```
Form2.Text6.Text = 3
```

```
Form3.Text6.Text = 3
```

```
Data1.RecordSource = "select * from account where user_id=" & Text1.Text & ""
```

```
Data1.Refresh
```

```
Form2.Text1.PasswordChar = 0
```

```
Form2.Text1.Text = ""
```

```
Form2.Text1.PasswordChar = "*"
```

```
If Text1.Text = "" Then
```

```
MsgBox "Dont let this Box Empty", vbInformation, "Error"
```

```
Else
```

```
If Data1.Recordset.EOF Then
```

```
MsgBox "You Have Enter a Invalid UserId, Please Enter the Correct one", vbCritical, "Message"
```

```
Text1.Text = ""
```

```
Text1.SetFocus
```

```
Else
```

```
Form2.Show
```

```
Me.Hide
```

```
Form2.Text2.Text = Text1.Text
```

```
Form2.i = 1
```

```
Form3.i = 1
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
Me.Hide
```

```
Form12.Show
```

```
End Sub
```

Password Form:

It consist of a valid Password to Pass out the second level of security i.e. Password Security which include three attempts for login.

Digital Attendance Application

UserID: DigitalIndia

Password:

Attempt:- 3

Submit

Note:It is the Second Security Step. Here you can Enter the password at 3 times only if you Submit to login with a incorrect password then you jump to the previous page. So please Enter the correct Password.

Developed by SSAD Group

Public iAs Integer

Private Sub Command1_Click()

```
Data1.RecordSource = "select * from account where user_id='" + Text2.Text + "' And password='" + Text1.Text + "'"
Data1.Refresh
If i = 3 Then
```

```
MsgBox "You have Many Time Wrong Attempts, Please start
```

```
again from the UserID Authentication", vbCritical, "Warning"
Form1.Show
Me.Hide
```

```
Form1.Text1.Text = ""
Form3.Text1.Text = ""
Else
If Text1.Text = "" Then
MsgBox "Dont let this Box Empty", vbInformation, "Error"
Else
```

```
If Data1.Recordset.EOF Then
```

```
MsgBox "You Enter a Wrong Password", vbOKOnly, "Incorrect Password"
Text1.SetFocus
Text1.PasswordChar = 0
Text1.Text = ""
Text1.PasswordChar = "*"
```

```
i = i + 1
```

```
Text6.Text = Val(Text6.Text) - 1
```

```
Else  
Form3.Show  
Me.Hide  
Form3.Option1.Value = False  
Form3.Option2.Value = False  
Form3.Option3.Value = False  
Form3.Option4.Value = False  
End If  
End If  
End If
```

```
End Sub
```

```
Private Sub Form_Load()  
i = 1  
End Sub
```

Image analyser Form:

This is the Last level of authentication i.e. Image Analyser which includes ten various Images but only one image act as a pass key to proceed the next step.



Public iAs Integer

Private Sub Command1_Click()

Data1.RecordSource = "select * from account where user_id = " & Form2.Text2.Text & " And password = " & Form2.Text1.Text & " And image = " & Text1.Text & " "

Data1.Refresh

If i = 3 Then

MsgBox "Please Restart the application, You have Many Time Wrong Attempts", vbCritical, "Warning"

Form12.Show

Form12.Command1.Enabled = False

Else

If Text1.Text = "" Then

MsgBox "Dont let this Box Empty", vbInformation, "Error"

Else

If Data1.Recordset.EOF Then

MsgBox "You have Choose a Wrong Image", vbCritical, "Access Denied"

i = i + 1

Text6.Text = Val(Text6.Text) - 1

Else

Form11.Show

Me.Hide

Text1.Text = ""

End If

End If

End If

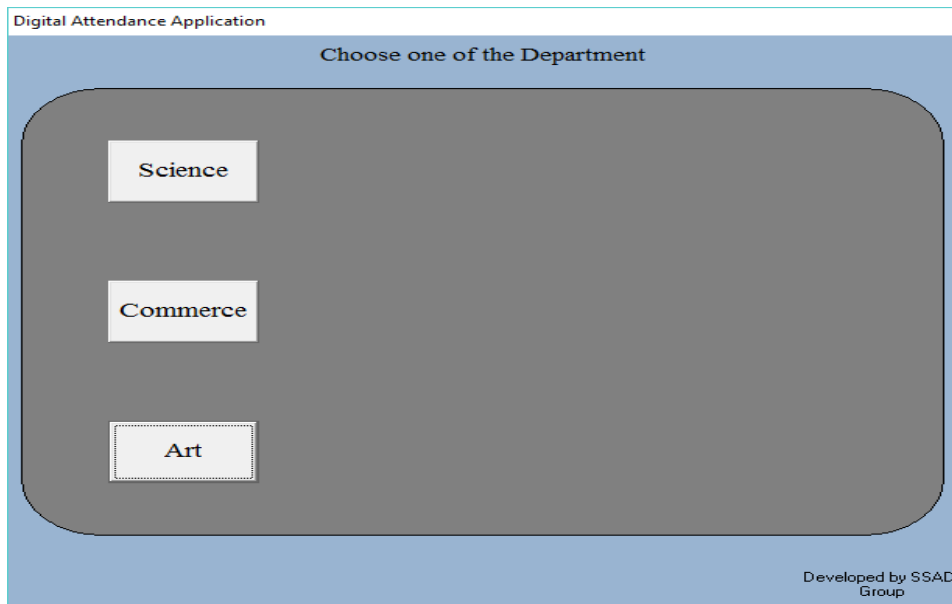
End Sub

```
Private Sub Form_Load()  
i = 1  
End Sub
```

```
Private Sub Option1_Click()  
Text1.Text = Option1.Caption  
End Sub  
Private Sub Option2_Click()  
Text1.Text = Option2.Caption  
End Sub  
Private Sub Option3_Click()  
Text1.Text = Option3.Caption  
End Sub  
Private Sub Option4_Click()  
Text1.Text = Option4.Caption  
End Sub  
Private Sub Option5_Click()  
Text1.Text = Option5.Caption  
End Sub  
Private Sub Option6_Click()  
Text1.Text = Option6.Caption  
End Sub  
Private Sub Option7_Click()  
Text1.Text = Option7.Caption  
End Sub  
Private Sub Option8_Click()  
Text1.Text = Option8.Caption  
End Sub  
Private Sub Option9_Click()  
Text1.Text = Option9.Caption  
End Sub  
Private Sub Option10_Click()  
Text1.Text = Option10.Caption  
End Sub
```

Department Form:

This form include the three fields Science, Commerce and Arts. Which also include department like BSC, BCA, B.COM, B.A.



```
Public chAs Integer
Public ss, sr, l1 As String
Private Sub Command1_Click()
Form8.Text22.Text = Command1.Caption
Command8.Visible = True
Command4.Visible = True
Command5.Visible = True
Command2.Visible = False
Command3.Visible = False
ss = Command1.Caption + "-"
End Sub
```

```
Private Sub Command2_Click()
Form8.Text22.Text = Command2.Caption
Command8.Visible = True
Command6.Visible = True
Command1.Visible = False
Command3.Visible = False
ss = Command2.Caption + "-"
End Sub
```

```
Private Sub Command3_Click()
Form8.Text22.Text = Command3.Caption
Command8.Visible = True
Command7.Visible = True
Command1.Visible = False
Command2.Visible = False
ss = Command3.Caption + "-"
End Sub
```

```
Private Sub Command4_Click()
l1 = "C:\Database\Science\B.S.C\"
Form8.Text19.Text = Command4.Caption
Form4.Show
Me.Hide
```



```
Form8.Text17.Text = Command4.Caption + " "  
sr = ss + "-" + Command4.Caption  
ch = 0  
End Sub
```

```
Private Sub Command5_Click()  
l1 = "C:\Database\Science\B.C.A\  
Form8.Text19.Text = Command5.Caption  
Form4.Show  
Me.Hide  
Form8.Text17.Text = Command5.Caption + " "  
sr = ss + "-" + Command5.Caption  
ch = 1  
End Sub
```

```
Private Sub Command6_Click()  
l1 = "C:\Database\Commerce\B.Comm\  
Form8.Text19.Text = Command6.Caption  
Form4.Show  
Me.Hide  
Form8.Text17.Text = Command6.Caption + " "  
sr = ss + "-" + Command6.Caption  
ch = 2  
End Sub
```

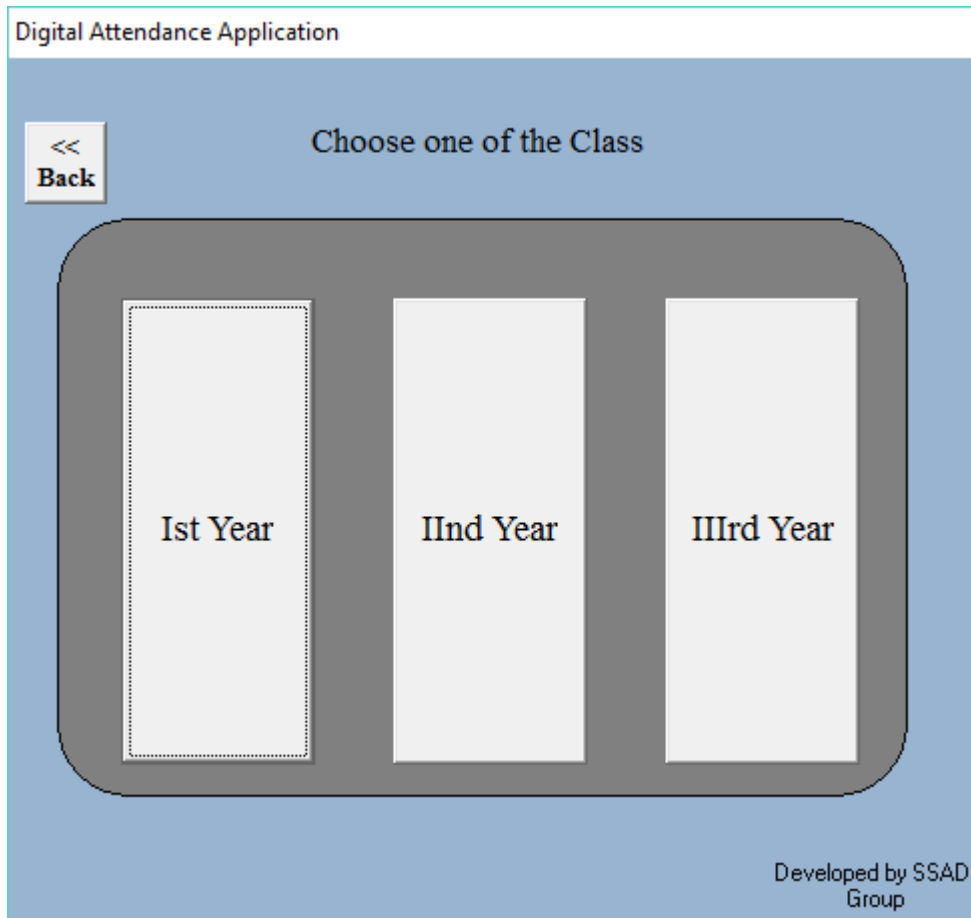
```
Private Sub Command7_Click()  
l1 = "C:\Database\Arts\B.A\  
Form8.Text19.Text = Command7.Caption  
Form4.Show  
Me.Hide  
Form8.Text17.Text = Command7.Caption + " "  
sr = ss + "-" + Command7.Caption  
ch = 3  
End Sub
```

```
Private Sub Command8_Click()  
Command8.Visible = False  
Command1.Visible = True  
Command2.Visible = True
```

```
End Sub
```

Class Form:

This form include three class i.e. first year, second year, and third year.



```
Public a, choice As Integer
Public n1, rs, l2 As String
Dim id, it As Date
Private Sub Command1_Click()
    Command6.Visible = False
    Label3.Visible = True
    Command2.Visible = False
    Command3.Visible = False
    Text1.Visible = True
    Label2.Visible = True
    Command4.Visible = True
    Form8.Text17.Text = Command1.Caption
    a = 0
    rs = Form11.sr + "-" + Command1.Caption
    l2 = Form11.l1 + "Ist Year\"
End Sub
Private Sub Command2_Click()
    Command6.Visible = False
    Label3.Visible = True
    Command1.Visible = False
    Command3.Visible = False
    Text1.Visible = True
    Label2.Visible = True
    Command4.Visible = True
    Form8.Text17.Text = Command2.Caption
```

```
a = 1
rs = Form11.sr + "-" + Command2.Caption
l2 = Form11.l1 + "IInd Year\"
End Sub
Private Sub Command3_Click()
Command6.Visible = False
Label3.Visible = True
Command2.Visible = False
Command1.Visible = False
Text1.Visible = True
Label2.Visible = True
Command4.Visible = True
Form8.Text17.Text = Command3.Caption
a = 2
rs = Form11.sr + "-" + Command3.Caption
l2 = Form11.l1 + "IIIRD Year\"
End Sub

Private Sub Command4_Click()
If Text1.Text = "" Then
m = MsgBox("You cannot leave this box blank", vbOKOnly, "Warning")
Else
id = DateValue(Now)
it = TimeValue(Now)
Form8.Text6.Text = id
Form8.Text12.Text = it
n1 = Text1.Text
Form8.Text15.Text = n1

choice = Form11.ch
Select Case choice
Case 0
Form13.Show
Me.Hide
Case 1
If a = 0 Then
Form5.Show
Me.Hide
Form5.Timer1.Enabled = True
Form5.Timer2.Enabled = True
ElseIf a = 1 Then
Form6.Show
Me.Hide
Form6.Timer1.Enabled = True
Form6.Timer2.Enabled = True
ElseIf a = 2 Then
Form7.Show
Me.Hide
Form7.Timer1.Enabled = True
Form7.Timer2.Enabled = True
End If
Case 2
Form18.Show
Me.Hide
Case 3
Form19.Show
Me.Hide
End Select
End If

End Sub
```

```
Private Sub Command6_Click()  
Form11.Command8.Visible = False  
Form11.Command4.Visible = False  
Form11.Command5.Visible = False  
Form11.Command6.Visible = False  
Form11.Command1.Visible = True  
Form11.Command2.Visible = True  
Form11.Command3.Visible = True  
Label2.Visible = False  
Command4.Visible = False  
Text1.Visible = False  
Command1.Visible = True  
Command2.Visible = True  
Command3.Visible = True  
Command6.Visible = False  
Text1.Text = ""  
Me.Hide  
Form11.Show  
End Sub
```

```
Private Sub Form_Load()  
Me.Refresh  
End Sub
```

```
Private Sub Label3_Click()  
Label2.Visible = False  
Command4.Visible = False  
Text1.Visible = False  
Command1.Visible = True  
Command2.Visible = True  
Command3.Visible = True  
Command6.Visible = True  
Label3.Visible = False  
Text1.Text = ""
```

```
End Sub
```

Attendance Form:

This form Include the roll number of students to assign attendance of student.

Digital Attendance Application

Roll No	A/P	Roll No	A/P	Roll No	A/P	Roll No	A/P	Roll No	A/P	Roll No	A/P
1		11		21		31		41		51	
2		12		22		32		42		52	
3		13		23		33		43		53	
4		14		24		34		44		54	
5		15		25		35		45		55	
6		16		26		36		46		56	
7		17		27		37		47		57	
8		18		28		38		48		58	
9		19		29		39		49		59	
10		20		30		40		50		60	

A= Absent
P= Present

Reset

Submit

Note: When you Click on Rollno of any student it assign as Present and if the student is absent just click that P which is right side of the rollno.

Login Session

MinSec
00:6

Submit this Entry after completing the Lecture

Developed by SSAD Group

```
Dim all, p, a As Integer
Dim od1, ot1 As Date
```

```
Private Sub Command36_Click()
Label1.Caption = " "
Label2.Caption = " "
Label3.Caption = " "
Label4.Caption = " "
Label5.Caption = " "
End Sub
```

```
Private Sub Command1_Click()
Label1.Caption = "P"
End Sub
Private Sub Command2_Click()
Label2.Caption = "P"
End Sub
Private Sub Command3_Click()
Label3.Caption = "P"
End Sub
Private Sub Command4_Click()
Label4.Caption = "P"
End Sub
Private Sub Command5_Click()
Label5.Caption = "P"
End Sub
Private Sub Command6_Click()
Label6.Caption = "P"
End Sub
```

```
Private Sub Label1_Click()  
Label1.Caption = "A"  
End Sub  
Private Sub Label2_Click()  
Label2.Caption = "A"  
End Sub  
Private Sub Label3_Click()  
Label3.Caption = "A"  
End Sub  
Private Sub Label4_Click()  
Label4.Caption = "A"  
End Sub  
Private Sub Label5_Click()  
Label5.Caption = "A"  
End Sub  
Private Sub Label6_Click()  
Label6.Caption = "A"  
End Sub
```

```
Private Sub Timer1_Timer()  
Label47.Caption = Val(Label47.Caption) + 1  
If Val(Label47.Caption) = 60 Then  
Label47.Caption = 0  
End If  
End Sub
```

```
Private Sub Timer2_Timer()  
Label48.Caption = Val(Label48.Caption) + 1  
End Sub
```

```
Private Sub Command37_Click()  
  
Label47.Caption = 0  
Label48.Caption = 0
```

```
Timer1.Enabled = False  
Timer2.Enabled = False
```

```
od1 = DateValue(Now)  
ot1 = TimeValue(Now)  
Form8.Text9.Text = od1  
Form8.Text14.Text = ot1
```

```
Form11.Data4.Recordset.MoveFirst
```

```
p = 0  
a = 0  
If Label1.Caption = "P" Then  
p = p + 1  
Form11.Data4.Recordset.Edit  
Form11.Data4.Recordset.Fields("present").Value = Form11.Data4.Recordset.Fields("present").Value + 1
```

```
Form11.Data4.Recordset.Update
Elseif Label1.Caption = "A" Then
Form9.Text1.Text = Form9.Text1.Text + "    1-" + Form11.Data4.Recordset.Fields!stu_name
a = a + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("absent").Value = Form11.Data4.Recordset.Fields("absent").Value + 1
Form11.Data4.Recordset.Update
End If
Form11.Data4.Recordset.MoveNext
If Label2.Caption = "P" Then
p = p + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("present").Value = Form11.Data4.Recordset.Fields("present").Value + 1
Form11.Data4.Recordset.Update
Elseif Label2.Caption = "A" Then
Form9.Text1.Text = Form9.Text1.Text + "    2-" + Form11.Data4.Recordset.Fields!stu_name
a = a + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("absent").Value = Form11.Data4.Recordset.Fields("absent").Value + 1
Form11.Data4.Recordset.Update
End If
Form11.Data4.Recordset.MoveNext
If Label3.Caption = "P" Then
p = p + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("present").Value = Form11.Data4.Recordset.Fields("present").Value + 1
Form11.Data4.Recordset.Update
Elseif Label3.Caption = "A" Then
Form9.Text1.Text = Form9.Text1.Text + "    3-" + Form11.Data4.Recordset.Fields!stu_name
a = a + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("absent").Value = Form11.Data4.Recordset.Fields("absent").Value + 1
Form11.Data4.Recordset.Update
End If
Form11.Data4.Recordset.MoveNext
If Label4.Caption = "P" Then
p = p + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("present").Value = Form11.Data4.Recordset.Fields("present").Value + 1
Form11.Data4.Recordset.Update
Elseif Label4.Caption = "A" Then
Form9.Text1.Text = Form9.Text1.Text + "    4-" + Form11.Data4.Recordset.Fields!stu_name
a = a + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("absent").Value = Form11.Data4.Recordset.Fields("absent").Value + 1
Form11.Data4.Recordset.Update
End If
Form11.Data4.Recordset.MoveNext
If Label5.Caption = "P" Then
p = p + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("present").Value = Form11.Data4.Recordset.Fields("present").Value + 1
Form11.Data4.Recordset.Update
Elseif Label5.Caption = "A" Then
Form9.Text1.Text = Form9.Text1.Text + "    5-" + Form11.Data4.Recordset.Fields!stu_name
a = a + 1
Form11.Data4.Recordset.Edit
Form11.Data4.Recordset.Fields("absent").Value = Form11.Data4.Recordset.Fields("absent").Value + 1
Form11.Data4.Recordset.Update
End If
End Sub
```

Attendance Report Form:

This form includes the attendance of overall class which is selected by lecturer.

Digital Attendance Application

Field

Department

Class

Lectural Name

Absent

Present

Submit

Login Session

Date

Time

Logout Session

Date

Time

Developed by: SSAD Group

```
Public de, fd1, fd2, fd3, fd4, fd5, fd6, fd7, fd8 As String
Private Sub Command1_Click()
```

```
Me.Hide
Form9.Show
de = Text5.Text + " : " + Text6.Text
fd8 = Text21.Text + " : " + Text22.Text
fd7 = Text20.Text + " : " + Text19.Text
fd6 = Text18.Text + " : " + Text17.Text
fd1 = Text16.Text + " : " + Text15.Text
fd2 = Text3.Text + " : " + Text1.Text
fd3 = Text4.Text + " : " + Text2.Text
fd4 = Text8.Text + "->" + Text11.Text + " : " + Text12.Text
fd5 = Text7.Text + "->" + Text11.Text + " : " + Text14.Text
End Sub
```


Absent Student List Form:

This form shows only the absent students name.

Digital Attendance Application

OK

Note: Contact this above student who are not attending the lecture or Otherwise submit this student's name to the Head of Department.

Developed by SSAD Group

```
Dim S(12) As String
Private Sub Command1_Click()
Form10.Command3.Visible = True
Form10.Command2.Visible = False
Form10.Command1.Visible = False
```

```
S(11) = Form8.de
S(10) = Form8.fd8
S(0) = Form8.fd7
S(1) = Form8.fd6
S(2) = Form8.fd1
S(3) = Form8.fd2
```

```
S(4) = Form8.fd3
S(5) = Form8.fd4
S(6) = Form8.fd5
S(7) = "Student Those Who are Absent in the Lecture ::-->"
S(8) = Text1.Text
S(9) = " "
Form10.Text1.Text = S(0)
Form10.Text2.Text = S(1)
Form10.Text3.Text = S(2)
Form10.Text4.Text = S(3)
Form10.Text5.Text = S(4)
Form10.Text6.Text = S(5)
Form10.Text7.Text = S(6)
Form10.Text8.Text = S(7)
Form10.Text9.Text = S(8)
Form10.Text10.Text = S(9)
Form10.Text11.Text = S(10)
Form10.Text12.Text = S(11)

Me.Hide
Form10.Show
End Sub
```

Data Preview Form:

This form displays the attendance report of the class which has to be stored in the database.

Digital Attendance Application

Note:- 3 Step to Store Data into the Database:

Step 1:- First Click on "Add New Record" to add the data into databse

Step 2:- Second Click on "Store Record in Database" to store the entered into Databse

Step 3:- Finally Click on "Exit" to close the window

Add New Record Store Record in Database Exit

Developed by SSAD Group

```
Dim msg, sss As String
```

```
Private Sub Command1_Click()  
On Error Resume Next
```

```
msg = MsgBox("Thank You for Using This Digital Attendance Application. Todays Attendance DataSheet has been Save to the  
Database", vbOKOnly, "Message")
```

```
sss = Form4.rs
```

```
Open Form4.l2 + sss + ".txt" For Append As #1
```

```
Print #1, Text1.Text
```

```
Print #1, Text2.Text
```

```
Print #1, Text3.Text
```

```
Print #1, Text4.Text
```

```
Print #1, Text5.Text
```

```
Print #1, Text6.Text
```

```
Close #1
```

```
Me.Hide
```

Form12.Show

End Sub

Private Sub Command2_Click()

Form14.rec.Fields("DATE").Value = Form8.Text6.Text
Form14.rec.Fields("DEPT").Value = Form8.Text19.Text
Form14.rec.Fields("CLASS").Value = Form8.Text17.Text
Form14.rec.Fields("LECTURAL").Value = Form8.Text15.Text
Form14.rec.Fields("LOGIN_SESSION").Value = Form8.Text12.Text
Form14.rec.Fields("LOGOUT_SESSION").Value = Form8.Text14.Text
Form14.rec.Fields("PRESENT").Value = Form8.Text2.Text
Form14.rec.Fields("ABSENT").Value = Form8.Text1.Text
Form14.rec.Update

Command2.Visible = False

Command1.Visible = True

End Sub

Private Sub Command3_Click()

On Error Resume Next

Form14.rec.AddNew

Command3.Visible = False

Command2.Visible = True

End Sub

Private Sub Form_Load()

On Error Resume Next

Set Form14.DataGrid1.DataSource = Form14.rec

End Sub

Private Sub Text13_Change()

End Sub

Open Database Form:

This form shows the database of the overall department.

Digital Attendance Application

OK

Delete Record

B.S.C. Ist Year IInd Year IIIrd Year

B.C.A. Ist Year IInd Year IIIrd Year

B.COM. Ist Year IInd Year IIIrd Year

B.A. Ist Year IInd Year IIIrd Year

Developed by SSAD Group

```
Public con As New ADODB.Connection
```

```
Public rec As New ADODB.Recordset
```

```
Private Sub Command1_Click()
```

```
Form12.Show
```

```
Me.Hide
```

```
End Sub
```

```
Private Sub Command10_Click()
```

```
con.Close
```

```
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"
```

```
rec.CursorLocation = adUseClient
```

```
DataGrid1.Refresh
```

```
rec.Open "select * from data where DEPT = 'B.C.A.' And CLASS = 'Ist Year'", con, adOpenDynamic, adLockOptimistic
```

```
If rec.EOF Then
```

```
MsgBox "no record found"
```

```
Else
```

```
Set DataGrid1.DataSource = rec
```

```
End If
```

```
End Sub
```

```
Private Sub Command11_Click()
```

```
con.Close
```

```
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"
```

```
rec.CursorLocation = adUseClient
DataGrid1.Refresh
rec.Open "select * from data where DEPT = 'B.C.A.' And CLASS = 'IInd Year'", con, adOpenDynamic, adLockOptimistic
If rec.EOF Then
MsgBox "no record found"
Else
Set DataGrid1.DataSource = rec
End If

End Sub

Private Sub Command12_Click()
con.Close
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"
rec.CursorLocation = adUseClient
DataGrid1.Refresh
rec.Open "select * from data where DEPT = 'B.C.A.' And CLASS = 'IIInd Year'", con, adOpenDynamic, adLockOptimistic
If rec.EOF Then
MsgBox "no record found"
Else
Set DataGrid1.DataSource = rec
End If

End Sub

Private Sub Command13_Click()
con.Close
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"
rec.CursorLocation = adUseClient
DataGrid1.Refresh
rec.Open "select * from data where DEPT = 'B.COM.'", con, adOpenDynamic, adLockOptimistic
If rec.EOF Then
MsgBox "no record found"
Else
Set DataGrid1.DataSource = rec
End If

End Sub

Private Sub Command14_Click()
con.Close
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"
rec.CursorLocation = adUseClient
DataGrid1.Refresh
rec.Open "select * from data where DEPT = 'B.COM.' And CLASS = 'Ist Year'", con, adOpenDynamic, adLockOptimistic
If rec.EOF Then
MsgBox "no record found"
Else
Set DataGrid1.DataSource = rec
End If

End Sub

Private Sub Command15_Click()
con.Close
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"
rec.CursorLocation = adUseClient
DataGrid1.Refresh
rec.Open "select * from data where DEPT = 'B.COM.' And CLASS = 'IInd Year'", con, adOpenDynamic, adLockOptimistic
If rec.EOF Then
```

```
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

```
End Sub
```

```
Private Sub Command16_Click()
```

```
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.COM.' And CLASS = 'IIIrd Year'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

```
End Sub
```

```
Private Sub Command17_Click()
```

```
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.A.'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

```
End Sub
```

```
Private Sub Command18_Click()
```

```
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.A.' And CLASS = 'Ist Year'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

```
End Sub
```

```
Private Sub Command19_Click()
```

```
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.A.' And CLASS = 'IInd Year'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then
```

```
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

```
End Sub
```

```
Private Sub Command2_Click()  
Form12.Show  
Me.Hide  
Form14.con.Close  
Form14.con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
Form14.rec.CursorLocation = adUseClient  
Form14.rec.Open "select * from data", con, adOpenDynamic, adLockOptimistic  
Form14.DataGrid1.Refresh
```

```
End Sub
```

```
Private Sub Command20_Click()  
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.A.' And CLASS = 'Illrd Year'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

```
End Sub
```

```
Private Sub Command3_Click()
```

```
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data", con, adOpenDynamic, adLockOptimistic  
Set DataGrid1.DataSource = rec
```

```
End Sub
```

```
Private Sub Command4_Click()  
On Error Resume Next  
rec.Delete  
End Sub
```

```
Private Sub Command5_Click()  
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.S.C.'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```


End Sub

```
Private Sub Command6_Click()  
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.S.C.' And CLASS = 'Ist Year'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

End Sub

```
Private Sub Command7_Click()  
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.S.C.' And CLASS = 'IInd Year'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

End Sub

```
Private Sub Command8_Click()  
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.S.C.' And CLASS = 'IIInd Year'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If
```

End Sub

```
Private Sub Command9_Click()  
con.Close  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"  
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data where DEPT = 'B.C.A.'", con, adOpenDynamic, adLockOptimistic  
If rec.EOF Then  
MsgBox "no record found"  
Else  
Set DataGrid1.DataSource = rec  
End If  
End Sub
```

```
Private Sub Form_Load()  
con.Open "Provider= Microsoft.jet.OLEDB.4.0;Data source=C:\Database\database.mdb;"
```

```
rec.CursorLocation = adUseClient  
DataGrid1.Refresh  
rec.Open "select * from data", con, adOpenDynamic, adLockOptimistic
```

```
End Sub
```

Register Form:

This form is used to join the new student into the database.

The screenshot shows a web application window titled "Digital Attendance Application". Inside the window, there is a light blue header bar. Below the header, on the left, is a button labeled "<<Back". On the right is a button labeled "Close [X]". Below these buttons is a dashed rectangular box containing the text "1st Year". In the center of the window is a large, rounded rectangular form with a light gray background. This form contains two labels: "Roll No." and "Student Name", each followed by a white text input field. Below the input fields is a button labeled "New". In the bottom right corner of the main window, the text "Developed by SSAD Group" is displayed.

```
Public sely As Integer
Private Sub Command1_Click()
Shape1.Visible = True
Label1.Visible = True
Label2.Visible = True
Text1.Visible = True
Text2.Visible = True
Command5.Visible = True
Command2.Visible = False
Command3.Visible = False
Command4.Visible = True
sely = 0
Text1.Enabled = False
Text2.Enabled = False
End Sub
```

```
Private Sub Command19_Click()
```

```
Shape1.Visible = False
Label1.Visible = False
Label2.Visible = False
```

```
Text1.Visible = False
Text1.Text = ""
Text2.Visible = False
Text2.Text = ""
Command4.Visible = False
Command5.Visible = False
Command6.Visible = False
Command7.Visible = False
Command1.Visible = True
Command2.Visible = True
Command3.Visible = True
Me.Hide
Form12.Show
End Sub
```

```
Private Sub Command2_Click()
Shape1.Visible = True
Label1.Visible = True
Label2.Visible = True
Text1.Visible = True
Text2.Visible = True
Command5.Visible = True
Command1.Visible = False
Command3.Visible = False
Command4.Visible = True
sely = 1
```

```
Text1.Enabled = False
Text2.Enabled = False
End Sub
```

```
Private Sub Command3_Click()
Shape1.Visible = True
Label1.Visible = True
Label2.Visible = True
Text1.Visible = True
Text2.Visible = True
Command5.Visible = True
Command2.Visible = False
Command1.Visible = False
Command4.Visible = True
sely = 2
```

```
Text1.Enabled = False
Text2.Enabled = False
End Sub
```

```
Private Sub Command4_Click()
```

```
Shape1.Visible = False
Label1.Visible = False
Label2.Visible = False
Text1.Visible = False
Text1.Text = ""
Text2.Visible = False
Text2.Text = ""
Command4.Visible = False
Command5.Visible = False
Command6.Visible = False
Command7.Visible = False
Command1.Visible = True
```

```
Command2.Visible = True  
Command3.Visible = True
```

```
End Sub
```

```
Private Sub Command5_Click()  
On Error Resume Next
```

```
If Form12.sel = 0 Then
```

```
Select Case sely  
Case 0  
Form11.Data4.Recordset.MoveLast  
Form11.Data4.Recordset.AddNew  
Text1.Enabled = True  
Text2.Enabled = True  
Text1.SetFocus  
Case 1  
Form11.Data5.Recordset.MoveLast  
Form11.Data5.Recordset.AddNew  
Text1.Enabled = True  
Text2.Enabled = True  
Text1.SetFocus  
Case 2  
Form11.Data6.Recordset.MoveLast  
Form11.Data6.Recordset.AddNew  
Text1.Enabled = True  
Text2.Enabled = True  
Text1.SetFocus  
End Select
```

```
Elseif Form12.sel = 1 Then
```

```
Select Case sely  
Case 0  
Form11.Data10.Recordset.MoveLast  
Form11.Data10.Recordset.AddNew  
Text1.Enabled = True  
Text2.Enabled = True  
Text1.SetFocus  
Case 1  
Form11.Data11.Recordset.MoveLast  
Form11.Data11.Recordset.AddNew  
Text1.Enabled = True  
Text2.Enabled = True  
Text1.SetFocus  
Case 2  
Form11.Data12.Recordset.MoveLast  
Form11.Data12.Recordset.AddNew  
Text1.Enabled = True  
Text2.Enabled = True  
Text1.SetFocus  
End Select
```

```
Elseif Form12.sel = 2 Then
```

```
Select Case sely  
Case 0
```

```
Form11.Data7.Recordset.MoveLast
Form11.Data7.Recordset.AddNew
Text1.Enabled = True
Text2.Enabled = True
Text1.SetFocus
Case 1
Form11.Data8.Recordset.MoveLast
Form11.Data8.Recordset.AddNew
Text1.Enabled = True
Text2.Enabled = True
Text1.SetFocus
Case 2
Form11.Data9.Recordset.MoveLast
Form11.Data9.Recordset.AddNew
Text1.Enabled = True
Text2.Enabled = True
Text1.SetFocus
End Select
```

```
ElseIf Form12.sel = 3 Then
```

```
Select Case sely
Case 0
Form11.Data1.Recordset.MoveLast
Form11.Data1.Recordset.AddNew
Text1.Enabled = True
Text2.Enabled = True
Text1.SetFocus
Case 1
Form11.Data2.Recordset.MoveLast
Form11.Data2.Recordset.AddNew
Text1.Enabled = True
Text2.Enabled = True
Text1.SetFocus
Case 2
Form11.Data3.Recordset.MoveLast
Form11.Data3.Recordset.AddNew
Text1.Enabled = True
Text2.Enabled = True
Text1.SetFocus
End Select
```

```
End If
```

```
Command6.Visible = True
Command5.Visible = False
End Sub
Private Sub Command6_Click()
On Error Resume Next
```

```
If Form12.sel = 0 Then
```

```
Select Case sely
Case 0
Form11.Data4.Recordset.Fields("rollno").Value = Text1.Text
Form11.Data4.Recordset.Fields("stu_name").Value = Text2.Text
Form11.Data4.Recordset.Fields("present").Value = 0
```

```
Form11.Data4.Recordset.Fields("absent").Value = 0
```

```
Form11.Data4.Recordset.Update
```

```
Case 1
```

```
Form11.Data5.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data5.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data5.Recordset.Fields("present").Value = 0
```

```
Form11.Data5.Recordset.Fields("absent").Value = 0
```

```
Form11.Data5.Recordset.Update
```

```
Case 2
```

```
Form11.Data6.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data6.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data6.Recordset.Fields("present").Value = 0
```

```
Form11.Data6.Recordset.Fields("absent").Value = 0
```

```
Form11.Data6.Recordset.Update
```

```
End Select
```

```
Elseif Form12.sel = 1 Then
```

```
Select Case sely
```

```
Case 0
```

```
Form11.Data10.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data10.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data10.Recordset.Fields("present").Value = 0
```

```
Form11.Data10.Recordset.Fields("absent").Value = 0
```

```
Form11.Data10.Recordset.Update
```

```
Case 1
```

```
Form11.Data11.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data11.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data11.Recordset.Fields("present").Value = 0
```

```
Form11.Data11.Recordset.Fields("absent").Value = 0
```

```
Form11.Data11.Recordset.Update
```

```
Case 2
```

```
Form11.Data12.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data12.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data12.Recordset.Fields("present").Value = 0
```

```
Form11.Data12.Recordset.Fields("absent").Value = 0
```

```
Form11.Data12.Recordset.Update
```

```
End Select
```

```
Elseif Form12.sel = 2 Then
```

```
Select Case sely
```

```
Case 0
```

```
Form11.Data7.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data7.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data7.Recordset.Fields("present").Value = 0
```

```
Form11.Data7.Recordset.Fields("absent").Value = 0
```

```
Form11.Data7.Recordset.Update
```

```
Case 1
```

```
Form11.Data8.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data8.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data8.Recordset.Fields("present").Value = 0
```

```
Form11.Data8.Recordset.Fields("absent").Value = 0
```

```
Form11.Data8.Recordset.Update
```

```
Case 2
```

```
Form11.Data9.Recordset.Fields("rollno").Value = Text1.Text
```

```
Form11.Data9.Recordset.Fields("stu_name").Value = Text2.Text
```

```
Form11.Data9.Recordset.Fields("present").Value = 0
```

```
Form11.Data9.Recordset.Fields("absent").Value = 0
Form11.Data9.Recordset.Update
End Select
```

```
Elseif Form12.sel = 3 Then
```

```
Select Case sely
```

```
Case 0
```

```
Form11.Data1.Recordset.Fields("rollno").Value = Text1.Text
Form11.Data1.Recordset.Fields("stu_name").Value = Text2.Text
Form11.Data1.Recordset.Fields("present").Value = 0
Form11.Data1.Recordset.Fields("absent").Value = 0
Form11.Data1.Recordset.Update
```

```
Case 1
```

```
Form11.Data2.Recordset.Fields("rollno").Value = Text1.Text
Form11.Data2.Recordset.Fields("stu_name").Value = Text2.Text
Form11.Data2.Recordset.Fields("present").Value = 0
Form11.Data2.Recordset.Fields("absent").Value = 0
Form11.Data2.Recordset.Update
```

```
Case 2
```

```
Form11.Data3.Recordset.Fields("rollno").Value = Text1.Text
Form11.Data3.Recordset.Fields("stu_name").Value = Text2.Text
Form11.Data3.Recordset.Fields("present").Value = 0
Form11.Data3.Recordset.Fields("absent").Value = 0
Form11.Data3.Recordset.Update
End Select
```

```
End If
```

```
Command7.Visible = True
```

```
Command6.Visible = False
```

```
MsgBox "New Record has Been Added to Your Database", vbInformation, "Saved"
```

```
End Sub
```

```
Private Sub Command7_Click()
```

```
Text1.Text = ""
```

```
Text2.Text = ""
```

```
Shape1.Visible = False
```

```
Label1.Visible = False
```

```
Label2.Visible = False
```

```
Text1.Visible = False
```

```
Text1.Text = ""
```

```
Text2.Visible = False
```

```
Text2.Text = ""
```

```
Command4.Visible = False
```

```
Command5.Visible = False
```

```
Command6.Visible = False
```

```
Command7.Visible = False
```

```
Command1.Visible = True
```

```
Command2.Visible = True
```

```
Command3.Visible = True
```

```
Me.Hide
```

```
Form12.Show
```

```
End Sub
```


Search Form:

This form help to find out the student from the department which is selected.

The screenshot shows a web application titled "Digital Attendance Application". It features a "Select Department" dropdown menu with four options: "B.C.A.", "B.S.C.", "B.Comm.", and "B.A.". A "Close [X]" button is located in the top right corner of the form area. The form is set against a light blue background. In the bottom right corner, it says "Developed by SSAD Group".

```
Private Sub Command19_Click()  
Me.Hide  
Form12.Show
```

```
Line16.Visible = True  
Line17.Visible = True  
Line18.Visible = True  
Line19.Visible = True  
Line20.Visible = True  
Line21.Visible = True  
Command2.Visible = True  
Command3.Visible = True  
Command4.Visible = True  
Command5.Visible = True
```

```
Line1.Visible = False  
Line2.Visible = False  
Line3.Visible = False  
Line4.Visible = False  
Command6.Visible = False  
Command7.Visible = False  
Command8.Visible = False
```

```
Line5.Visible = False  
Line6.Visible = False  
Line11.Visible = False  
Line12.Visible = False  
Command9.Visible = False  
Command10.Visible = False  
Command11.Visible = False
```

End Sub

Private Sub Command17_Click()

Adodc1.RecordSource = "select * from BA2nd"

Adodc1.Refresh

Line13.Visible = False

Line22.Visible = False

Command16.Visible = False

Command15.Visible = False

DataGrid1.Visible = True

End Sub

Conclusion:-

The Digital Attendance Application is developed using Visual Basic 6.0 fully meets the objectives of the system which it has been developed. The system has reached a steady state where all bugs have been eliminated. The system is operated at a high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem. It was intended to solve as requirement specification.

Reference:-

-  Visual Basic 6.0 By Reference Book.
-  www.Google.com
-  www.vbtutorial.com