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# **Chapter -1**

# **Introduction**

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## **1.1 INTRODUCTION:**

The AUTOMIZATION OF COMPUTER SCIENCE DEPARTMENT system has developed to override the problem prevailing in the practicing the manual system. This software is supported to eliminate and in some cases reduces the hardships faced by this existing system. Moreover, this system is designed for the particular need of company to carry out operation in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering the invalid data. No formal knowledge is needed to use this system. Thus, by this all it proves it is user-friendly. Automization of CS department, has described above can lead to error free, secure, reliable and fast management system. This system can be used to store and manage all data of the student and faculty information like subject handling, minutes of meeting and other curricular activities etc. using this system user can retrieve any information related to student and staff. Admin can create report regarding any faculty any time using this system. Using this system, you can register new student and their course details. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resource.

This system is computerized and to fulfill their study requirements so, that their valuable information can be stored for a longer period with easy accessing and manipulating of the same. The required software and hardware are easily available and easy to work with. This system can lead to error free, secure, reliable and fast management system. This system can be accessed easily at anytime and anywhere.

## **1.2 STATEMENT OF PROBLEM:**

We observed the Automization of Computer Science Department system going through it, we get to know that there are many operations, which they have to do manually. It takes a lot of time and causing many challenges like workload, co-curricular activities and updating awards, attended workshop etc. required more man power and there is some set of procedure to do managerial requirements. Due to this, user need to waste a lot of time and physical effort in finding the student who have attended SDP, Workshops, Paper Publications, co-curricular activities and won the prizes. To solve this above problem, and further maintaining records for students and faculty, this system maintains the record regarding to those students who have attended Workshop, SDP, Paper Publications, co -curricular activities and won the awards.

### **1.3 OBJECTIVE OF THE STUDY:**

The main aim of the project is to automate all functionalities of a college. It allows the faculty to fetch the details regarding department activities and also keep up to date his profile. It'll also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB etc. So, all the information about a student will be available in a few seconds. It allows the administrator of any organization to edit and find out the personal details of a student. Using this application system, you can view or update data and information about students and staff easily. Admin can also retrieve information of employee student.

Overall, it'll make information management an easier job for the administrator of any organization. This project will fulfill the changing user requirements. The user needs to login with a valid password, after a valid, user logs he/she can login.

### **1.4 SCOPE OF THE STUDY:**

The intention of developing “Automization of Computer Science Department ” application is aimed to computerizing and developed system was found to work out the operations effectively. This software takes care of all the requirements of a students and faculty to provide easy and effective storage of information related to department activities . Reports automatically, at the end of the session or in the between of the session as they require. This application involves almost all the features of the information system; It will be very useful for the users to obtain information.

This system provides access to the student's record and get the desired information which may require. It maintains the records of Student records, Student Details, Faculty details , etc. It makes the faculty and student information management more secure, effective, convenient and accessible.It co-ordinate information across the system to simplify student across to University resources

## **1.5 FEASIBILITY STUDY:**

### **1.5.1 Software Specification:**

Software requirements for this system are as listed follow:-

- FRONTEND : Microsoft VB.NET
- BACKEND : MYSQL
- OPERATING SYSTEM : Windows 10

### **1.5.2 Hardware Specifications:-**

Minimum hardware requirements for this System are listed below:

- PROCESSOR : Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz 1.19GHz
- RAM : 4.00 GB
- HARD DISK : 80GB CD-ROM Driver

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# **Chapter -2**

# **SYSTEM STUDY**

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## **2.1 EXISTING SYSTEM:**

- Each file is maintained based on the year.
- The department is maintaining the records in manual way
- In case of manual system, they need a lot of time, manpower, etc.
- Finding out details regarding any information is very difficult as the user has to go through all the books manually. Major problem was losing of the data. Information overload
- The old system of filing is not portable.
- Accessibility issues experienced by a user or administrator.

### **2.1.1 Limitations of Existing system:**

- Not user friendly: The existing system is not user friendly because the retrieval of data is very slow and data is not maintained efficiently.
- Time consuming: Every work is done manually so we cannot generate report in the middle of the session or as per the requirement because it is very time consuming.
  - Lack of security of data.
  - In order to find the file based on the year is very difficult and time consuming.
  - They are maintaining different files for different category.
  - Data is lost if the file is lost.
  - Slow response about refunding amount.
  - Low quality customer service.
  - No direct role for the higher officials.
  - Troll fee is not available for customer enquiries.
  - Needs manual calculations.

## **2.2 PROPOSED SYSTEM:**

The aim of the proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work and it is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features:

- Ensure data accuracy.
- Data security.
- Records are efficiently maintained by DBMS.
- DBMS also provides security for the information.
- Proper control of the higher officials.
- Greater efficiency.
- Minimum time needed for the various processing.
- Better service.
- User friendliness and interactive.
- Minimize manual data entry.
- Minimum time required

### **2.2.1 Advantages of proposed system:**

- **User friendly:** The proposed system is user friendly because the retrieval and storing of data is fast and data is maintained efficiently. Moreover the graphical user interface is provided in the proposed system, which provides user to deal with the system very easily.
- **Very less paper work :** The proposed system requires very less paper work. All the records of each fields is fetched into the computer immediately and reports can be generated through computers. Moreover hardware copy will be reduced.
- **Computer operator control:** The computer operator control will be there so no chance of errors. Moreover storing and retrieving of information is easy. So work can be done speedily and in time.

## **2.3 PROBLEM FORMULATION:**

In the existing system it was very difficult to maintain the information and to store each record of each student and faculty, various details process and very difficult to access the information which was stored manually. So to overcome this problem of existing system, this proposed system is aimed at reducing paper work for the college management and hence

improving its efficiency and speeding up of all processes. The database can be accessed by the admin from any computer terminal connected through LAN to a server where the system has been installed. To generate the reports reduces the time by various options and also the development of the design has well equipped. Hence, all the related information about a student and faculty is available to Admin. Thus this software saves the faculty time.

## **2.4 SYSTEM ANALYSIS:**

### **2.4.1 Functional - Requirements:**

- Requirement analysis is a software engineering task that bridges the gap between system level software allocation and software design.
- It enables the system engineer to specify software interface with other system elements, and establish design constraints that the software must meet.
- It provides the software designs with a representation of information and function that can be translate to data, architectural and procedural design.

### **2.4.2 System functionalities:**

Automization of Computer Science Department, that were suggested till now, are not up to the desired level. There is no single system which automates all the process.

- In order to build the system, all the processes in the business should be studied, System study helps us under the problem and needs of the application.
- System study aims at establishing requests for the system to be acquired, development and installed. It involves studying and analyzing the ways of an organization currently processing the data to produce information.
- Analyzing the problem thoroughly forms the vital part of the system study. In system analysis, prevailing situation of problem is carefully examined by breaking them into sub problems. Problematic areas are identified and information is collected.
- Data gathering is essential to any analysis of requests. It is necessary that this analysis familiarizes the designer with objectives, activities and the function of the organization in which the system is to be implemented.



### **2.4.3 Non-Functional Requirements:**

➤ **Security:**

Project level security is set. User needs to login when they start the program option is also provided to create the additional user and level security. Presently user level security is not set but can be implemented with few modifications.

➤ **Reliability, Availability, Maintainability:**

It is very user friendly, software is secure and there is not much maintenance. Project can be upgraded as per the requirement step by step.

➤ **Configuration and Compatibility:**

Describes requirements such as those connected with individual customization or operation in specific competing environments.

➤ **Usability:**

Describes items that will ensure the user friendliness of the software.

Example: - Includes error messages that direct the user to a solution, input range checking as soon as entries are made and order of choices and screen corresponding to user performances.

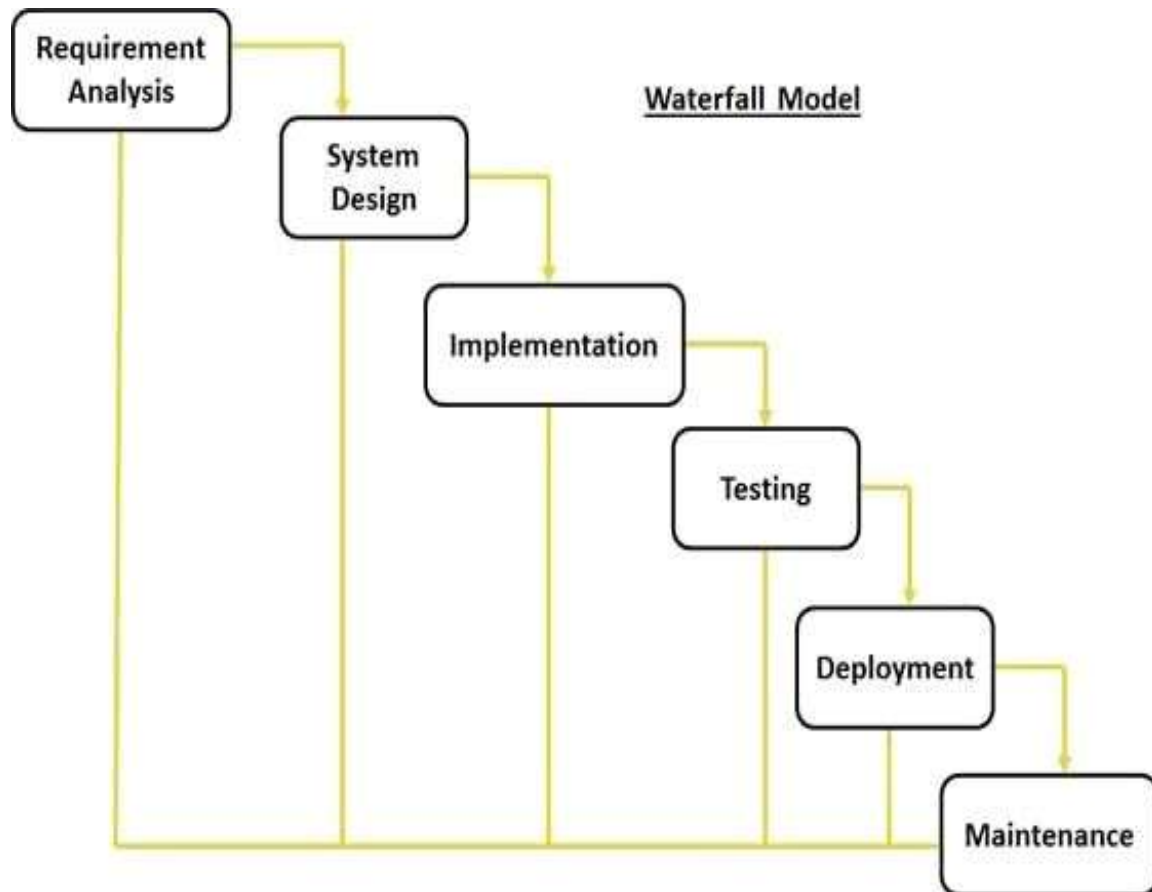
## **2.5 METHODOLOGY:**

This project is designed and developed based on the waterfall model. This model particularly expresses the interaction between subsequent phases. In each phase of the software development process, we have to compare results obtained against that which is required. In all quality has to be assessed and controlled.

Waterfall approach was first SDLC Model to be used widely in Software Engineering to ensure success of the project. In “The Waterfall” approach, the whole process of software development is divided into separate phases.

Main following is a diagrammatic representation of different phases of waterfall model.

## WATERFALL MODEL



- The requirements specification of the project has collected with equipped manner.
- The project has designed with html pages to develop by using various commands.
- Implementation can be done with the basis of design and conceptual data with codes and scripts.
- Testing plays a important role to the process of verification and validation.
- Development is done implement for future references.

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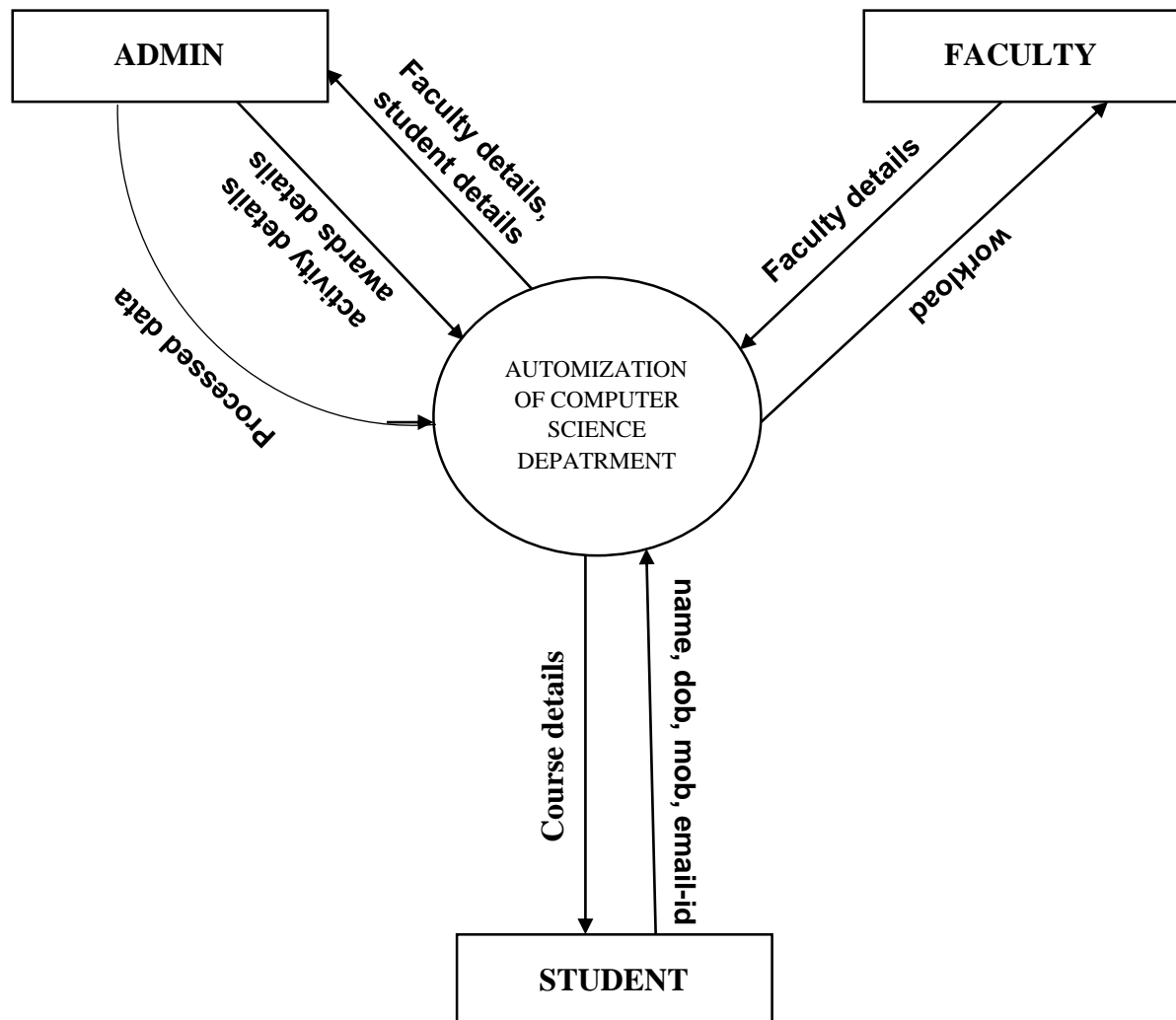
# **Chapter – 3**

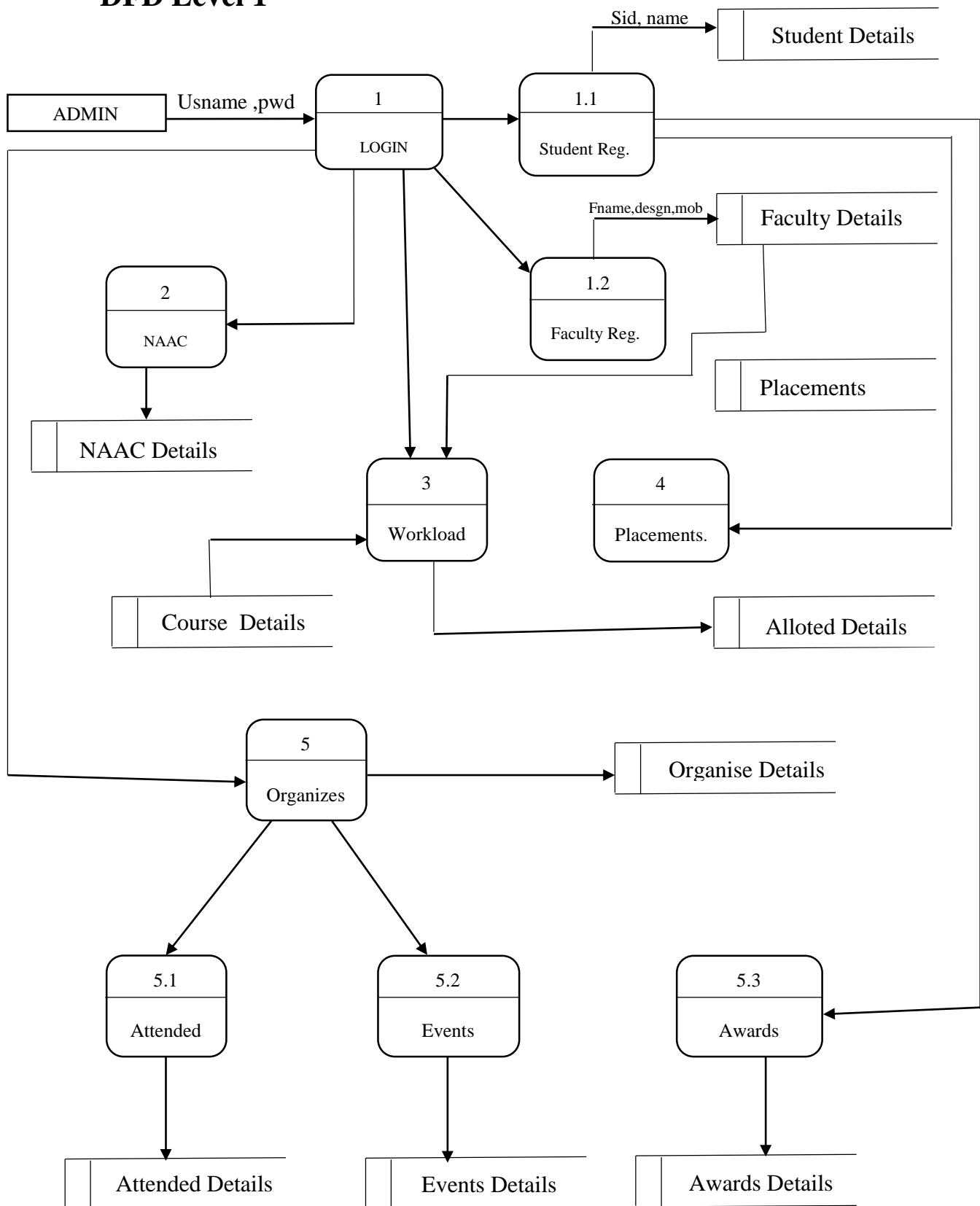
# **System Design and Development**

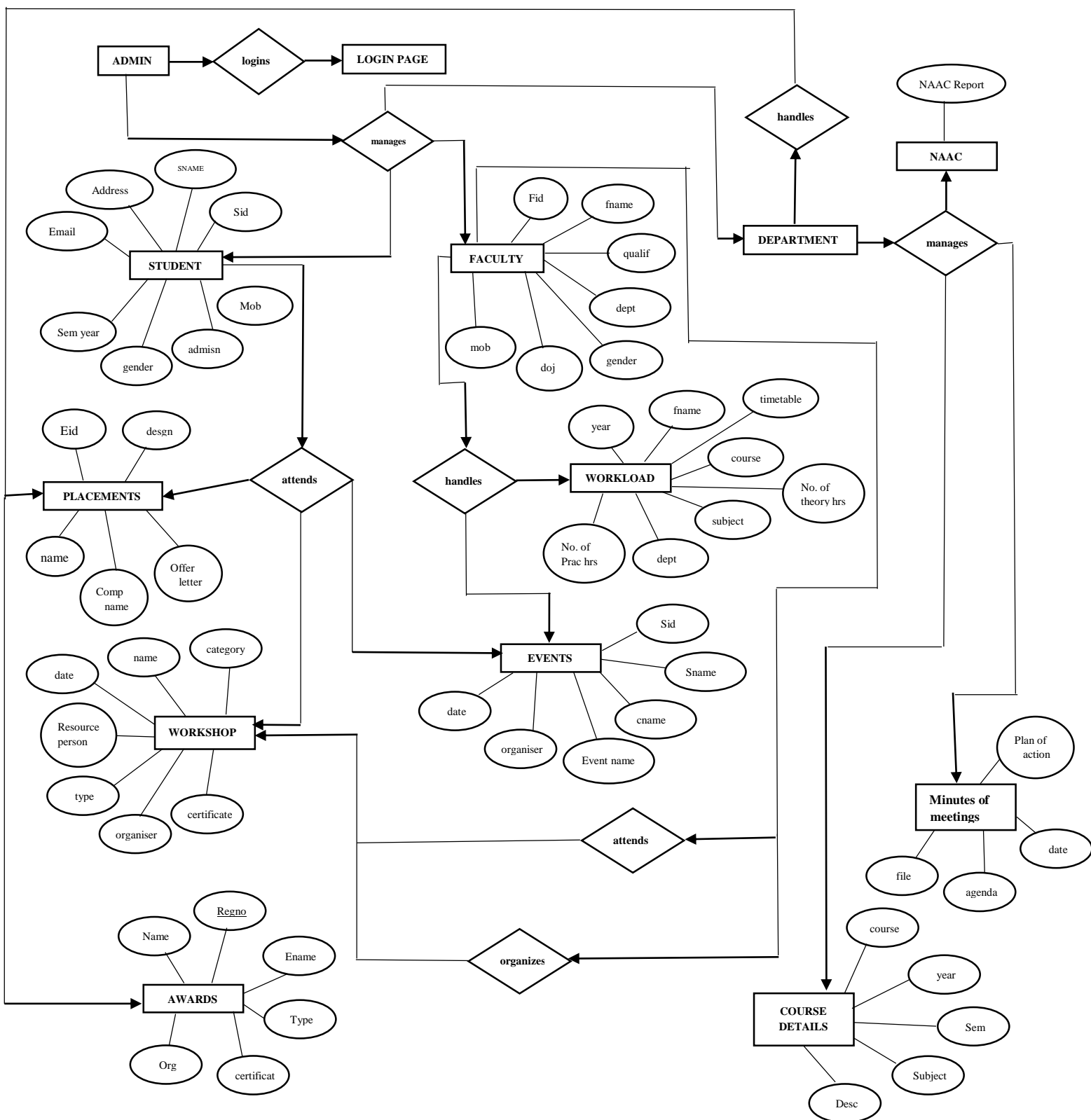
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## DATA FLOW DIAGRAM:

### DFD Level 0



**DATA FLOW DIAGRAM:****DFD Level 1**

**ER-DIAGRAM:**

DATABASE DESIGN:**→ LOGIN :**

Field	Type	Null	Key	Default	Extra
Username	varchar(40)	YES		NULL	
Password	varchar(30)	YES		NULL	

**→ FACULTY REGISTRATION:**

Field	Type	Null	Key	Default	Extra
fid	int(30)	Yes		Null	
fname	varchar (30)	Yes		Null	
fdept	varchar(30)	Yes		Null	
doj	varchar(15)	Yes		Null	
mob	varchar(30)	Yes		Null	
email	varchar(30)	Yes		Null	
desgn	varchar(30)	Yes		Null	
gender	varchar(30)	Yes		Null	

**→STUDENT REGISTRATION :**

Field	Type	Null	Key	Default	Extra
Sid	varchar(15)	NO	PRI	NULL	
Sname	varchar(30)	YES		NULL	
Fname	varchar(30)	YES		NULL	
Address	varchar(60)	YES		NULL	
DOB	varchar(30)	YES		NULL	
Email	varchar(30)	YES		NULL	
Admin	varchar(30)	YES		NULL	
Course	varchar(30)	YES		NULL	
Sem	varchar(30)	YES		NULL	
Gender	varchar(30)	YES		NULL	
MOB	varchar(30)	YES		NULL	

**ACTIVITY :**

Field	Type	Null	Key	Default	Extra
Regno	varchar(20)	YES		NULL	
Name	varchar(30)	YES		NULL	
Cname	varchar(30)	YES		NULL	

Ename	varchar(50)	YES		NULL	
Descp	varchar(50)	YES		NULL	
Org	varchar(30)	YES		NULL	
Date	varchar(10)	YES		NULL	
Type	varchar(30)	YES		NULL	

**ATTENDED :**

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	YES		NULL	
Topic	varchar(30)	YES		NULL	
Rperson	varchar(30)	YES		NULL	
Organisation	varchar(30)	YES		NULL	
Date	varchar(10)	YES		NULL	
Type	varchar(30)	YES		NULL	
Category	varchar(30)	YES		NULL	
file	varchar(50)	YES		NULL	

**AWARDS :**

Field	Type	Null	Key	Default	Extra
Regno	varchar(15)	NO	PRI	NULL	
Name	varchar(30)	YES		NULL	
Type	varchar(30)	YES		NULL	
Eventname	varchar(30)	YES		NULL	
Organisation	varchar(30)	YES		NULL	
College	varchar(30)	YES		NULL	
Date	varchar(10)	YES		NULL	
Gender	varchar(10)	YES		NULL	
Prize	varchar(20)	YES		NULL	
certi	varchar(100)	YES		NULL	

**COURSE :**

Field	Type	Null	Key	Default	Extra
COURSE	varchar(30)	NO		Null	
YEAR	varchar(30)	NO		Null	
SEM	varchar(20)	NO		Null	
SUBJECT	varchar(30)	NO		Null	
SUBJECTCODE	varchar(20)	NO			
DESCRIPTION	varchar(50)	NO			
STRENGTH	int(255)	NO	PRI		



**MINUTES :**

Field	Type	Null	Key	Default	Extra
id	int(20)	NO	PRI	NULL	
date	varchar(30)	YES		NULL	
agenda	varchar(100)	YES		NULL	
plan	varchar(30)	YES		NULL	
file	varchar(100)	YES		NULL	

**ORGANISE :**

Field	Type	Null	Key	Default	Extra
Topic	varchar(30)	YES		NULL	
Name	varchar(30)	YES		NULL	
Rperson	varchar(30)	YES		NULL	
Org	varchar(30)	YES		NULL	
doj	varchar(30)	NO			
Category	varchar(15)	YES		NULL	
gender	varchar(10)	YES		NULL	
Expense	varchar(5)	YES		NULL	
file	varchar(60)	YES		NULL	

**PAPER PUBLICATION :**

Field	Type	Null	Key	Default	Extra
Pid	Int(100)	NO	PRI		
Pub	varchar(20)	YES		NULL	
Name	varchar(30)	YES		NULL	
Org	varchar(30)	YES		NULL	
doj	varchar(30)	NO		NULL	
Issn	Varchar(30)	YES		NULL	
Conference	varchar(30)	YES		NULL	
Presentation	varchar(30)	YES		NULL	
gender	varchar(10)	YES		NULL	
file	varchar(100)	YES			

**PLACEMNTS :**

Field	Type	Null	Key	Default	Extra
Id	int(30)	NO	PRI		
Name	varchar(30)	YES		NULL	
Company	varchar(20)	YES		NULL	
Designation	varchar(30)	YES		NULL	
Eid	varchar(20)	YES		NULL	
Gender	Varchar(30)	YES		NULL	
file	varchar(100)	YES		NULL	

**SUBJECTS :**

Field	Type	Null	Key	Default	Extra
id	int(10)	NO	PRI	NULL	
year	varchar(10)	YES		NULL	
course	varchar(10)	YES		NULL	
sem	varchar(5)	YES		NULL	
subjectcode	varchar(10)	YES		NULL	
subjectname	varchar(25)	YES		NULL	
file	varchar(100)	YES		NULL	

**WORKLOAD :**

Field	Type	Null	Key	Default	Extra
Name	varchar(10)	NO	PRI	NULL	
Year	varchar(10)	YES		NULL	
Course	varchar(10)	YES		NULL	
Subject	varchar(5)	YES		NULL	
Sem	varchar(10)	YES		NULL	
Department	varchar(25)	YES		NULL	
Theoryhrs	varchar(100)	YES		NULL	
Practicalhrs	varchar(10)	YES		NULL	
timetable	varchar(10)	YES		NULL	

**NAAC :**

Field	Type	Null	Key	Default	Extra
Academic	varchar(30)	YES		NULL	
file	varchar(30)	YES		NULL	

**CODE:**  
**LOGIN**

Public Class Login

```
Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    con_open()
    TextBox1.Text = ""
    TextBox2.Text = ""
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles btnLogin.Click
    Dim uname, pwd As String
    Dim flag As Boolean
    uname = TextBox1.Text
    pwd = TextBox2.Text
    rec_open("Select username, password from login")
    'while Not rs.EOF
    While Not rs.EOF
        'username=rs(0)
        'password=rs(1)
        'msgbox(username & password)
        If (uname = rs(0).Value And pwd = rs(1).Value) Then
            flag = True
        End If
        rs.MoveNext()
    End While
    If flag Then
        MsgBox("Valid user")
        HomePage.Show()
    Else
        MsgBox("Invalid user")
    End If
End Sub
```

```
Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
    Dim iExit As DialogResult
```

```
        iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
        MessageBoxButtons.YesNo, MessageBoxIcon.Information)
        If iExit = DialogResult.Yes Then
            Me.Hide()
            Application.Exit()
        End If
    End Sub
End Class
```

## **HOMEPAGE:**

```
Public Class HomePage
```

```
    Private Sub HomePage_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Timer1.Start()
    End Sub
```

```
    Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
        If PictureBox1.Visible = True Then
            PictureBox1.Visible = False
            PictureBox2.Visible = True
        ElseIf PictureBox2.Visible = True Then
            PictureBox2.Visible = False
            PictureBox3.Visible = True
        ElseIf PictureBox3.Visible = True Then
            PictureBox3.Visible = False
            PictureBox4.Visible = True
        ElseIf PictureBox4.Visible = True Then
            PictureBox4.Visible = False
            PictureBox1.Visible = True
        End If
    End Sub
```

```
Private Sub STUDENTToolStripMenuItem_Click_1(sender As Object, e As EventArgs) Handles  
STUDENTToolStripMenuItem.Click
```

```
Me.Hide()
```

```
studentregister.Show()
```

```
End Sub
```

```
Private Sub FACULTYToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles  
FACULTYToolStripMenuItem.Click
```

```
Me.Hide()
```

```
Registration.Show()
```

```
End Sub
```

```
Private Sub ABOUTPROJECTToolStripMenuItem_Click(sender As Object, e As EventArgs)  
Handles ABOUTPROJECTToolStripMenuItem.Click
```

```
Me.Hide()
```

```
About_us.Show()
```

```
End Sub
```

```
Private Sub BCAToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles  
BCAToolStripMenuItem.Click
```

```
Me.Hide()
```

```
BCA.Show()
```

```
End Sub
```

```
Private Sub BBAToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles  
BBAToolStripMenuItem.Click
```

```
Me.Hide()
```

```
BBA.Show()
```

```
End Sub
```

```
Private Sub BScToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles  
BScToolStripMenuItem.Click
```

```
Me.Hide()  
BSc.Show()  
End Sub
```

```
Private Sub BComToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles  
BComToolStripMenuItem.Click  
Me.Hide()  
Bcom.Show()  
End Sub
```

```
Private Sub AWARDSToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles  
AWARDSToolStripMenuItem.Click  
Me.Hide()  
Awards.Show()  
End Sub
```

```
Private Sub EVENTSToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles  
EVENTSToolStripMenuItem.Click  
Me.Hide()  
Activity.Show()  
End Sub
```

```
Private Sub PLACEMENTSToolStripMenuItem_Click(sender As Object, e As EventArgs)  
Handles PLACEMENTSToolStripMenuItem.Click  
Me.Hide()  
Placements.Show()  
End Sub
```

```
Private Sub btnLogoff_Click(sender As Object, e As EventArgs) Handles btnLogoff.Click  
Me.Hide()  
Login.Show()  
End Sub
```

Private Sub MINUTESOFMEETINGSToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles MINUTESOFMEETINGSToolStripMenuItem.Click

Me.Hide()

Minutes.Show()

End Sub

Private Sub ORGANIZEDToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles ORGANIZEDToolStripMenuItem.Click

Me.Hide()

Organise.Show()

End Sub

Private Sub ATTENDEDToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles ATTENDEDToolStripMenuItem.Click

Me.Hide()

Attended.Show()

End Sub

Private Sub REPORTToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles REPORTToolStripMenuItem.Click

Me.Hide()

NAAC.Show()

End Sub

Private Sub PAPERPUBLICATIONToolStripMenuItem1\_Click(sender As Object, e As EventArgs) Handles PAPERPUBLICATIONToolStripMenuItem1.Click

Me.Hide()

PaperPublication.Show()

End Sub

Private Sub ABOUTSJRCWToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles ABOUTSJRCWToolStripMenuItem.Click

Me.Hide()

```
        aboutdept.show()  
End Sub  
  
Private Sub COURSEDETAILSToolStripMenuItem_Click(sender As Object, e As EventArgs)  
Handles COURSEDETAILSToolStripMenuItem.Click  
    Me.Hide()  
    CourseDetails.Show()  
End Sub  
End Class
```

## ABOUT PROJECT:

```
Public Class About_us  
    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles btnExit.Click  
        Dim iExit As DialogResult  
        iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",  
        MessageBoxButtons.YesNo, MessageBoxIcon.Information)  
        If iExit = DialogResult.Yes Then  
            Me.Hide()  
            HomePage.Show()  
        End If  
    End Sub  
End Class  
  
Private Sub btnHome_Click(sender As Object, e As EventArgs) Handles btnHome.Click  
    Me.Hide()  
    HomePage.Show()  
End Sub  
End Class
```

## ABOUT DEPARTMENT:

```
Public Class aboutdept  
    Private Sub btnHome_Click(sender As Object, e As EventArgs) Handles btnHome.Click  
        Me.Hide()  
        HomePage.Show()  
    End Sub  
End Class
```



End Sub

```
Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
    Dim iExit As DialogResult
    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
        MessageBoxButtons.YesNo, MessageBoxIcon.Information)
    If iExit = DialogResult.Yes Then
        Me.Hide()
        HomePage.Show()
    End If
End Sub
End Class
```

### **ACTIVITY:**

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
```

Public Class Activity

```
    Dim sqlConn As New MySqlConnection
    Dim sqlCommand As New MySqlCommand
    Dim sqlRd As MySqlDataReader
    Dim table As New DataTable()
    Private bitmap As Bitmap

    Protected Sub updateTable()
        Dim table1 As New DataTable()
        Dim connection As New
        MySqlConnection("datasource=localhost;port=3306;username=root;password=root")
        Dim adapter As New MySqlDataAdapter("select * from departmentelevate.activity",
        connection)
        adapter.Fill(table)
        adapter.Fill(table1)
        DataGridView1.DataSource = table
```

```
DataGridView1.DataSource = table1
```

```
End Sub
```

```
Private Sub btnNext_Click(sender As Object, e As EventArgs) Handles btnNext.Click
```

```
Me.Hide()
```

```
Awards.Show()
```

```
End Sub
```

```
Private Sub btnPrev_Click(sender As Object, e As EventArgs) Handles btnPrev.Click
```

```
Me.Hide()
```

```
studentregister.Show()
```

```
End Sub
```

```
Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
```

```
If cmdRegno.Text = "" Or txtName.Text = "" Or txtCname.Text = "" Or txtEname.Text = "" Or  
txtDesc.Text = "" Or txtOrg.Text = "" Or DateTimePicker1.Text = "" Or cmdType.Text = "" Then
```

```
MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form Activity")
```

```
Exit Sub
```

```
Else
```

```
rec_open("insert into activity values('" & cmdRegno.Text & "','" & txtName.Text & "','" &  
txtCname.Text & "','" & txtEname.Text & "','" & txtDesc.Text & "','" & txtOrg.Text & "','" &  
DateTimePicker1.Text & "','" & cmdType.Text & "'")
```

```
MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
```

```
updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub Activity_Load(sender As Object, e As EventArgs) Handles MyBase.Load
```

```
con_open()
```

```
updateTable()
```

```
DateTimePicker1.Format = DateTimePickerFormat.Custom
```

```
DateTimePicker1.CustomFormat = "yyyy-MM-dd"
```

```
rec_open("select Sid from student")
```

```
While Not rs.EOF
    cmdRegno.Items.Add(rs(0).Value)
    rs.MoveNext()
End While
End Sub
```

```
Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles btnReset.Click
    Dim txt
    For Each txt In Me.Controls
        If TypeOf txt Is TextBox Then
            cmdRegno.Text = ""
            txtName.Text = ""
            txtCname.Text = ""
            txtEname.Text = ""
            txtDesc.Text = ""
            txtOrg.Text = ""
            DateTimePicker1.Text = ""
            cmdType.Text = "Select"
        End If
    Next
End Sub
```

```
Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
    Dim iExit As DialogResult

    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
    MessageBoxButtons.YesNo, MessageBoxIcon.Information)

    If iExit = DialogResult.Yes Then
        Me.Hide()
        HomePage.Show()

    End If
End Sub
```

```

Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
    Dim height As Integer = DataGridView1.Height
    DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
    bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
    DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,
Me.DataGridView1.Width))
    PrintPreviewDialog1.Document = PrintDocument1
    PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
    PrintPreviewDialog1.ShowDialog()
    DataGridView1.Height = height
End Sub

```

```

Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)
Handles PrintDocument1.PrintPage
    e.Graphics.DrawImage(bitmap, 0, 0)
End Sub

```

```

Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
    DateTimePicker1.Format = DateTimePickerFormat.Custom
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"
    If cmdRegno.Text = "" Or txtName.Text = "" Or txtCname.Text = "" Or txtEname.Text = "" Or
txtDesc.Text = "" Or txtOrg.Text = "" Or DateTimePicker1.Text = "" Or cmdType.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form
Activity")
    Exit Sub
    Else
        rec_open("update activity set Name='" & txtName.Text & "',Cname='" & txtCname.Text &
"',Ename='" & txtEname.Text & "',descp='" & txtDesc.Text & "',Org='" & txtOrg.Text & "',Date='"
& DateTimePicker1.Value & "',Type='" & cmdType.Text & " where Regno='" & cmdRegno.Text &
"'"")
        MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub

```

End If

End Sub

Private Sub DataGridView1\_CellClick(sender As Object, e As DataGridViewCellEventArgs)

Handles DataGridView1.CellClick

Try

If e.RowIndex >= 0 Then

Dim row As DataGridViewRow

row = Me.DataGridView1.Rows(e.RowIndex)

'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row

'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &

GlobalVariables.SelectedlineItemRowNo)

cmdRegno.Text = row.Cells("Regno").Value.ToString()

txtName.Text = row.Cells("Name").Value.ToString()

txtCname.Text = row.Cells("Cname").Value.ToString()

txtEname.Text = row.Cells("Ename").Value.ToString()

txtDesc.Text = row.Cells("descp").Value.ToString()

txtOrg.Text = row.Cells("Org").Value.ToString()

DateTimePicker1.Value = row.Cells("Date").Value.ToString()

cmdType.Text = row.Cells("Type").Value.ToString()

'textboxTst.Text = row.Cells("Description").Value.ToString

End If

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Private Sub txtSearch\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles

txtSearch.KeyPress

Try

If Asc(e.KeyChar) = 13 Then

Dim dv As DataView

dv = table.DefaultView

```
        dv.RowFilter = String.Format("Regno Like '%{0}%', txtSearch.Text)
        DataGridView1.DataSource = table
    End If
    Catch ex As Exception
        MessageBox.Show(ex.Message)
    End Try
End Sub
```

```
Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
    If cmdRegno.Text = "" Or txtName.Text = "" Or txtCname.Text = "" Or txtEname.Text = "" Or
    txtDesc.Text = "" Or txtOrg.Text = "" Or DateTimePicker1.Text = "" Or cmdType.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Delete !! ", vbOKOnly, "Form
        Activity")
    Exit Sub
    Else
        rec_open("delete from activity where Regno= " & cmdRegno.Text & "")
        MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub
```

```
Private Sub cmdRegno_LostFocus(sender As Object, e As EventArgs) Handles
cmdRegno.LostFocus
    rec_open("select Sname from student where Sid=" & cmdRegno.Text & " ")
    txtName.Text = rs(0).Value
End Sub
End Class
```

### **ATTENDED WORKSHOP:**

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
Imports System.IO
```

Public Class Attended

Dim sqlConn As New MySqlConnection

Dim sqlCmd As New MySqlCommand

Dim sqlRd As MySqlDataReader

Dim table As New DataTable()

Private bitmap As Bitmap

Protected Sub updateTable()

Dim table1 As New DataTable()

Dim connection As New

MySqlConnection("datasource=localhost;port=3306;username=root;password=root")

Dim adapter As New MySqlDataAdapter("select \* from departmentelevate.attended",  
connection)

adapter.Fill(table)

adapter.Fill(table1)

DataGridView1.DataSource = table

DataGridView1.DataSource = table1

End Sub

Private Sub Attended\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

con\_open()

updateTable()

DateTimePicker1.Format = DateTimePickerFormat.Custom

DateTimePicker1.CustomFormat = "yyyy-MM-dd"

End Sub

Private Sub btnAdd\_Click(sender As Object, e As EventArgs) Handles btnAdd.Click

If txtName.Text = "" Or txtTopic.Text = "" Or txtRperson.Text = "" Or cmdOrg.Text = "" Or  
cmdType.Text = "" Or cmdCategory.Text = "" Then

MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form Attended")

Exit Sub

Else

```
rec_open("insert into attended values('" & txtName.Text & "','" & txtTopic.Text & "','" & txtRperson.Text & "','" & cmdOrg.Text & "','" & DateTimePicker1.Text & "','" & cmdType.Text & "','" & cmdCategory.Text & "','" & TextBox2.Text & "'))")
```

```
MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
```

```
updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles btnReset.Click
```

```
Dim txt
```

```
For Each txt In Me.Controls
```

```
    If TypeOf txt Is TextBox Then
```

```
        txtName.Text = ""
```

```
        txtTopic.Text = ""
```

```
        txtRperson.Text = ""
```

```
        cmdOrg.Text = "select"
```

```
        DateTimePicker1.Text = ""
```

```
        cmdType.Text = "Select"
```

```
        cmdCategory.Text = "select"
```

```
        TextBox2.Text = ""
```

```
    End If
```

```
Next
```

```
End Sub
```

```
Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
```

```
Dim iExit As DialogResult
```

```
iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",  
MessageBoxButtons.YesNo, MessageBoxIcon.Information)
```

```
If iExit = DialogResult.Yes Then
```

```
    Me.Hide()
```

```
    HomePage.Show()
```

```
End If
```



End Sub

```
Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
    Dim height As Integer = DataGridView1.Height
    DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
    bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
    DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,
Me.DataGridView1.Width))
    PrintPreviewDialog1.Document = PrintDocument1
    PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
    PrintPreviewDialog1.ShowDialog()
    DataGridView1.Height = height
End Sub
```

```
Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)
Handles PrintDocument1.PrintPage
    e.Graphics.DrawImage(bitmap, 0, 0)
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
    DateTimePicker1.Format = DateTimePickerFormat.Custom
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"
    If txtName.Text = "" Or txtTopic.Text = "" Or txtRperson.Text = "" Or cmdOrg.Text = "" Or
cmdType.Text = "" Or cmdCategory.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form
Attended")
        Exit Sub
    Else
        rec_open("update attended set Topic=" & txtTopic.Text & ",Rperson=" & txtRperson.Text
& ",Organisation=" & cmdOrg.Text & ",Date=" & DateTimePicker1.Value & ",Type=" &
cmdType.Text & ",Category=" & cmdCategory.Text & ",file=" & TextBox2.Text & " where
Name=" & txtName.Text & """)
        MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
    End If
End Sub
```

```
        updateTable()  
    End If  
End Sub
```

```
Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles  
txtSearch.KeyPress
```

```
    Try  
        If Asc(e.KeyChar) = 13 Then  
            Dim dv As DataView  
            dv = table.DefaultView  
            dv.RowFilter = String.Format("Name Like '%{0}%', txtSearch.Text)  
            DataGridView1.DataSource = table  
        End If  
        Catch ex As Exception  
            MessageBox.Show(ex.Message)  
        End Try  
End Sub
```

```
Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click  
    If txtName.Text = "" Or txtTopic.Text = "" Or txtRperson.Text = "" Or cmdOrg.Text = "" Or  
cmdType.Text = "" Or cmdCategory.Text = "" Then
```

```
        MsgBox("Select A Row from Gridview and then Click on Delete !! ", vbOKOnly, "Form  
Attended")
```

```
        Exit Sub  
    Else  
        rec_open("delete from attended where NAME= " & txtName.Text & """)  
        MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")  
        updateTable()  
    End If  
End Sub
```

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)  
Handles DataGridView1.CellClick
```

Try

If e.RowIndex >= 0 Then

Dim row As DataGridViewRow

row = Me.DataGridView1.Rows(e.RowIndex)

'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row

'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &

GlobalVariables.SelectedlineItemRowNo)

txtName.Text = row.Cells("Name").Value.ToString()

txtTopic.Text = row.Cells("Topic").Value.ToString()

txtRperson.Text = row.Cells("Rperson").Value.ToString()

cmdOrg.Text = row.Cells("Organisation").Value.ToString()

DateTimePicker1.Value = row.Cells("Date").Value.ToString()

cmdType.Text = row.Cells("Type").Value.ToString()

cmdCategory.Text = row.Cells("Category").Value.ToString()

TextBox2.Text = row.Cells("file").Value.ToString()

'textboxTst.Text = row.Cells("Description").Value.ToString

End If

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Private Sub btnPrev\_Click(sender As Object, e As EventArgs) Handles btnPrev.Click

Me.Hide()

HomePage.Show()

End Sub

Private Sub btnBrowse\_Click(sender As Object, e As EventArgs) Handles btnBrowse.Click

Dim result As DialogResult = OpenFileDialog1.ShowDialog()

If result = DialogResult.OK Then

TextBox2.Text = OpenFileDialog1.FileName

End If

End Sub

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    Dim FilenameName As String()
    ProgressBar1.Value += 1
    If ProgressBar1.Value = 100 Then
        Timer1.Stop()

        FilenameName = OpenFileDialog1.FileName.Split("\")
        File.Copy(OpenFileDialog1.FileName, "Attended\" + FilenameName(FilenameName.Length
- 1))
        MessageBox.Show(" File Uploaded Successfully ")
    End If
End Sub
```

```
Private Sub btnUpload_Click(sender As Object, e As EventArgs) Handles btnUpload.Click
    Timer1.Start()
End Sub
End Class
```

### **AWARDS:**

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
Imports System.IO
```

```
Public Class Awards
    Dim sqlConn As New MySqlConnection
    Dim sqlCmd As New MySqlCommand
    Dim sqlRd As MySqlDataReader
    Dim table As New DataTable()
    Private bitmap As Bitmap

    Protected Sub updateTable()
        Dim table1 As New DataTable()
```

```
Dim connection As New
MySQLConnection("datasource=localhost;port=3306;username=root;password=root")
Dim adapter As New MySQLDataAdapter("select * from departmentelevate.awards",
connection)
adapter.Fill(table)
adapter.Fill(table1)
DataGridView1.DataSource = table
DataGridView1.DataSource = table1
End Sub
```

```
Private Sub Awards_Load(sender As Object, e As EventArgs) Handles MyBase.Load
con_open()
updateTable()
DateTimePicker1.Format = DateTimePickerFormat.Custom
DateTimePicker1.CustomFormat = "yyyy-MM-dd"
rec_open("select Sid from student")
While Not rs.EOF
cmdRegno.Items.Add(rs(0).Value)
rs.MoveNext()
End While
End Sub
```

```
Private Sub btnADD_Click(sender As Object, e As EventArgs) Handles btnADD.Click
Dim gender As String
If Male.Checked = True Then
gender = Male.Text
ElseIf Female.Checked = True Then
gender = Female.Text
End If
If cmdRegno.Text = "" Or txtName.Text = "" Or cmdType.Text = "" Or txtEname.Text = "" Or
txtOrg.Text = "" Or txtClg.Text = "" Or cmdPrize.Text = "" Then
MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form Awards")
Exit Sub
```

Else

```
rec_open("insert into awards values('" & cmdRegno.Text & "','" & txtName.Text & "','" &
cmdType.Text & "','" & txtEname.Text & "','" & txtOrg.Text & "','" & txtClg.Text & "','" &
DateTimePicker1.Text & "','" & gender & "','" & cmdPrize.Text & "','" & txtCertificate.Text & "'))")
```

```
MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
```

```
updateTable()
```

End If

End Sub

Private Sub btnReset\_Click(sender As Object, e As EventArgs) Handles btnReset.Click

Dim txt

For Each txt In Me.Controls

If TypeOf txt Is TextBox Then

```
cmdRegno.Text = "select"
```

```
txtName.Text = ""
```

```
cmdType.Text = "select"
```

```
txtEname.Text = ""
```

```
txtOrg.Text = ""
```

```
txtClg.Text = ""
```

```
DateTimePicker1.Text = ""
```

```
Male.Checked = False
```

```
Female.Checked = False
```

```
cmdPrize.Text = "Select"
```

```
txtCertificate.Text = ""
```

End If

Next

End Sub

Private Sub btnExit\_Click(sender As Object, e As EventArgs) Handles btnExit.Click

Dim iExit As DialogResult

```
iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
MessageBoxButtons.YesNo, MessageBoxIcon.Information)
```

```
If iExit = DialogResult.Yes Then
    Me.Hide()
    HomePage.Show()
End If
End Sub
```

```
Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
    Dim height As Integer = DataGridView1.Height
    DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
    bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
    DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,
Me.DataGridView1.Width))
    PrintPreviewDialog1.Document = PrintDocument1
    PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
    PrintPreviewDialog1.ShowDialog()
    DataGridView1.Height = height
End Sub
```

```
Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)
Handles PrintDocument1.PrintPage
    e.Graphics.DrawImage(bitmap, 0, 0)
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
    DateTimePicker1.Format = DateTimePickerFormat.Custom
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"
    Dim gender As String
    If Male.Checked = True Then
        gender = Male.Text
    ElseIf Female.Checked = True Then
        gender = Female.Text
    End If
```

```
If cmdRegno.Text = "" Or txtName.Text = "" Or cmdType.Text = "" Or txtEname.Text = "" Or
txtOrg.Text = "" Or txtClg.Text = "" Or cmdPrize.Text = "" Then
```

```
    MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form
Awards")
```

```
    Exit Sub
```

```
Else
```

```
    rec_open("update awards set Name='" & txtName.Text & "',Type='" & cmdType.Text &
"',Eventname='" & txtEname.Text & "',Organisation='" & txtOrg.Text & "',College='" & txtClg.Text
& "',Date='" & DateTimePicker1.Value & "',Gender='" & gender & "',Prize='" & cmdPrize.Text &
"',certi='" & txtCertificate.Text & "' where Regno='" & cmdRegno.Text & "'")
```

```
    MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
```

```
    updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles
txtSearch.KeyPress
```

```
Try
```

```
    If Asc(e.KeyChar) = 13 Then
```

```
        Dim dv As DataView
```

```
        dv = table.DefaultView
```

```
        dv.RowFilter = String.Format("Name Like '%{0}%'", txtSearch.Text)
```

```
        DataGridView1.DataSource = table
```

```
    End If
```

```
Catch ex As Exception
```

```
    MessageBox.Show(ex.Message)
```

```
End Try
```

```
End Sub
```

```
Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
```

```
    If cmdRegno.Text = "" Or txtName.Text = "" Or cmdType.Text = "" Or txtEname.Text = "" Or
txtOrg.Text = "" Or txtClg.Text = "" Or cmdPrize.Text = "" Then
```



```
MsgBox("Select A Row from Gridview and then Click on Delete !! ", vbOKOnly, "Form
Awards")
```

```
Exit Sub
```

```
Else
```

```
rec_open("delete from awards where Regno= " & cmdRegno.Text & "")
```

```
MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")
```

```
updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)
```

```
Handles DataGridView1.CellClick
```

```
Dim gender As String
```

```
Try
```

```
If e.RowIndex >= 0 Then
```

```
Dim row As DataGridViewRow
```

```
row = Me.DataGridView1.Rows(e.RowIndex)
```

```
'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row
```

```
'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &
```

```
GlobalVariables.SelectedlineItemRowNo)
```

```
cmdRegno.Text = row.Cells("Regno").Value.ToString()
```

```
txtName.Text = row.Cells("Name").Value.ToString()
```

```
cmdType.Text = row.Cells("Type").Value.ToString()
```

```
txtEname.Text = row.Cells("Eventname").Value.ToString()
```

```
txtOrg.Text = row.Cells("Organisation").Value.ToString()
```

```
txtClg.Text = row.Cells("College").Value.ToString()
```

```
DateTimePicker1.Value = row.Cells("Date").Value.ToString()
```

```
txtCertificate.Text = row.Cells("certi").Value.ToString()
```

```
gender = row.Cells("Gender").Value.ToString()
```

```
If gender = "MALE" Then
```

```
Male.Checked = True
```

```
ElseIf gender = "FEMALE" Then
```

```
Female.Checked = True
```

```
End If
cmdPrize.Text = row.Cells("Prize").Value.ToString()
'textboxTst.Text = row.Cells("Description").Value.ToString
End If
Catch ex As Exception
MsgBox(ex.Message)
End Try
End Sub
```

```
Private Sub btnPrev_Click(sender As Object, e As EventArgs) Handles btnPrev.Click
Me.Hide()
Activity.Show()
End Sub
```

```
Private Sub cmdRegno_LostFocus(sender As Object, e As EventArgs) Handles
cmdRegno.LostFocus
rec_open("select Sname from student where Sid='" & cmdRegno.Text & "' ")
txtName.Text = rs(0).Value
End Sub
```

```
Private Sub btnBrowse_Click(sender As Object, e As EventArgs) Handles btnBrowse.Click
Dim result As DialogResult = OpenFileDialog1.ShowDialog()
If result = DialogResult.OK Then
txtCertificate.Text = OpenFileDialog1.FileName
End If
End Sub
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
Dim FilenameName As String()
ProgressBar1.Value += 1
If ProgressBar1.Value = 100 Then
Timer1.Stop()

FilenameName = OpenFileDialog1.FileName.Split("\c")
```

```
File.Copy(OpenFileDialog1.FileName, "Awards\" + FilenameName(FilenameName.Length - 1))

    MessageBox.Show(" File Uploaded Successfully ")
End If
End Sub

Private Sub btnUpload_Click(sender As Object, e As EventArgs) Handles btnUpload.Click
    Timer1.Start()
End Sub
End Class
```

## **COURSE DETAILS:**

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
```

```
Public Class CourseDetails
```

```
    Dim sqlConn As New MySqlConnection
    Dim sqlCommand As New MySqlCommand
    Dim sqlRd As MySqlDataReader
    Dim table As New DataTable()
    Private bitmap As Bitmap
```

```
    Protected Sub updateTable()
```

```
        Dim table1 As New DataTable()
        Dim connection As New
        MySqlConnection("datasource=localhost;port=3306;username=root;password=root")
        Dim adapter As New MySqlDataAdapter("select * from departmentelevate.course",
        connection)
        adapter.Fill(table)
        adapter.Fill(table1)
        DataGridView1.DataSource = table
        DataGridView1.DataSource = table1
```

End Sub

Private Sub CourseDetails\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

con\_open()

updateTable()

End Sub

Private Sub btnAdd\_Click(sender As Object, e As EventArgs) Handles btnAdd.Click

If txtCourse.Text = "" Or cmdYear.Text = "" Or cmdSem.Text = "" Or txtSub.Text = "" Or  
txtSubcode.Text = "" Or txtDesc.Text = "" Or txtStrength.Text = "" Then

MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form CourseDetails")

Exit Sub

Else

rec\_open("insert into course values('" & txtCourse.Text & "','" & cmdYear.Text & "','" &  
cmdSem.Text & "','" & txtSub.Text & "','" & txtSubcode.Text & "','" & txtDesc.Text & "','" &  
txtStrength.Text & "'")")

MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")

updateTable()

End If

End Sub

Private Sub btnReset\_Click(sender As Object, e As EventArgs) Handles btnReset.Click

Dim txt

For Each txt In Me.Controls

If TypeOf txt Is TextBox Then

txtCourse.Text = ""

cmdYear.Text = "select"

cmdSem.Text = "select"

txtSub.Text = ""

txtSubcode.Text = ""

txtDesc.Text = ""

txtStrength.Text = ""

End If

Next

End Sub

Private Sub btnExit\_Click(sender As Object, e As EventArgs) Handles btnExit.Click

Dim iExit As DialogResult

iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",  
MessageBoxButtons.YesNo, MessageBoxIcon.Information)

If iExit = DialogResult.Yes Then

Application.Exit()

End If

End Sub

Private Sub btnPrint\_Click(sender As Object, e As EventArgs) Handles btnPrint.Click

Dim height As Integer = DataGridView1.Height

DataGridView1.Height = DataGridView1.RowCount \* DataGridView1.RowTemplate.Height

bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)

DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,  
Me.DataGridView1.Width))

PrintPreviewDialog1.Document = PrintDocument1

PrintPreviewDialog1.PrintPreviewControl.Zoom = 1

PrintPreviewDialog1.ShowDialog()

DataGridView1.Height = height

End Sub

Private Sub PrintDocument1\_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)  
Handles PrintDocument1.PrintPage

e.Graphics.DrawImage(bitmap, 0, 0)

End Sub

Private Sub btnUpdate\_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click

If txtCourse.Text = "" Or cmdYear.Text = "" Or cmdSem.Text = "" Or txtSub.Text = "" Or  
txtSubcode.Text = "" Or txtDesc.Text = "" Or txtStrength.Text = "" Then

```
MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form  
course")
```

```
Exit Sub
```

```
Else
```

```
rec_open("update course set YEAR=" & cmdYear.Text & ",SEMESTER=" &  
cmdSem.Text & ",SUBJECT=" & txtSub.Text & ",SUBJECTCODE=" & txtSubcode.Text &  
",DESCRIPTION=" & txtDesc.Text & ",STRENGTH=" & txtStrength.Text & ", where  
COURSE=" & txtCourse.Text & """)
```

```
MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
```

```
updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles  
txtSearch.KeyPress
```

```
Try
```

```
If Asc(e.KeyChar) = 13 Then
```

```
Dim dv As DataView
```

```
dv = table.DefaultView
```

```
dv.RowFilter = String.Format("COURSE '{0}%', txtSearch.Text)
```

```
DataGridView1.DataSource = table
```

```
End If
```

```
Catch ex As Exception
```

```
MessageBox.Show(ex.Message)
```

```
End Try
```

```
End Sub
```

```
Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
```

```
If txtCourse.Text = "" Or cmdYear.Text = "" Or cmdSem.Text = "" Or txtSub.Text = "" Or  
txtSubcode.Text = "" Or txtDesc.Text = "" Or txtStrength.Text = "" Then
```

```
MsgBox("Select A Row from Gridview and then Click on Delete !! ", vbOKOnly, "Form  
course")
```

```
Exit Sub
```

Else

rec\_open("delete from course where Course= '" & txtCourse.Text & "'")

MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")

updateTable()

End If

End Sub

Private Sub DataGridView1\_CellClick(sender As Object, e As DataGridViewCellEventArgs)

Handles DataGridView1.CellClick

Try

If e.RowIndex >= 0 Then

Dim row As DataGridViewRow

row = Me.DataGridView1.Rows(e.RowIndex)

'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row

'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &

GlobalVariables.SelectedlineItemRowNo)

txtCourse.Text = row.Cells("COURSE").Value.ToString()

cmdYear.Text = row.Cells("YEAR").Value.ToString()

cmdSem.Text = row.Cells("SEM").Value.ToString()

txtSub.Text = row.Cells("SUBJECT").Value.ToString()

txtSubcode.Text = row.Cells("SUBJECTCODE").Value.ToString()

txtDesc.Text = row.Cells("DESCRIPTION").Value.ToString()

txtStrength.Text = row.Cells("STRENGTH").Value.ToString()

'textboxTst.Text = row.Cells("Description").Value.ToString

End If

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Private Sub btnHome\_Click(sender As Object, e As EventArgs) Handles btnHome.Click

Me.Hide()

HomePage.Show()

End Sub

End Class

## MINUTES OF MEETINGS:

Imports MySql.Data.MySqlClient

Imports Microsoft.VisualBasic.ApplicationServices

Imports Microsoft.Win32

Imports System.IO

Public Class Minutes

Dim sqlConn As New MySqlConnection

Dim sqlCommand As New MySqlCommand

Dim sqlRd As MySqlDataReader

Dim table As New DataTable()

Private bitmap As Bitmap

Protected Sub updateTable()

Dim table1 As New DataTable()

Dim connection As New

MySqlConnection("datasource=localhost;port=3306;username=root;password=root")

Dim adapter As New MySqlDataAdapter("select \* from departmentelevate.minutes",  
connection)

adapter.Fill(table)

adapter.Fill(table1)

DataGridView1.DataSource = table

DataGridView1.DataSource = table1

End Sub

Private Sub Minutes\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

con\_open()

updateTable()

DateTimePicker1.Format = DateTimePickerFormat.Custom

DateTimePicker1.CustomFormat = "yyyy-MM-dd"



End Sub

Private Sub btnAdd\_Click(sender As Object, e As EventArgs) Handles btnAdd.Click

```
If txtIdd.Text = "" Or DateTimePicker1.Text = "" Or txtAgenda.Text = "" Or txtPlan.Text = ""  
Or txtFile.Text = "" Then  
    MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form Minutes")  
    Exit Sub  
Else  
    rec_open("insert into minutes values('" & txtIdd.Text & "','" & DateTimePicker1.Text & "','"  
& txtAgenda.Text & "','" & txtPlan.Text & "','" & txtFile.Text & "')")  
    MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")  
    updateTable()  
End If  
End Sub
```

Private Sub btnExit\_Click(sender As Object, e As EventArgs) Handles btnExit.Click

```
Dim iExit As DialogResult  
  
iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",  
MessageBoxButtons.YesNo, MessageBoxIcon.Information)  
If iExit = DialogResult.Yes Then  
    Me.hide()  
    Homepage.show()  
End If  
End Sub
```

Private Sub btnDelete\_Click(sender As Object, e As EventArgs) Handles btnDelete.Click

```
If txtIdd.Text = "" Or DateTimePicker1.Text = "" Or txtAgenda.Text = "" Or txtPlan.Text = ""  
Or txtFile.Text = "" Then  
    MsgBox("Select A Row from Gridview And then Click on Delete !! ", vbOKOnly, "Form  
Minutes")  
    Exit Sub  
Else
```

```
rec_open("delete from minutes where id= " & txtIdd.Text & """)
MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")
updateTable()
End If
End Sub
```

```
Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
    Dim height As Integer = DataGridView1.Height
    DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
    bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
    DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,
Me.DataGridView1.Width))
    PrintPreviewDialog1.Document = PrintDocument1
    PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
    PrintPreviewDialog1.ShowDialog()
    DataGridView1.Height = height
End Sub
```

```
Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)
Handles PrintDocument1.PrintPage
    e.Graphics.DrawImage(bitmap, 0, 0)
End Sub
```

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)
Handles DataGridView1.CellClick
```

```
Try
    If e.RowIndex >= 0 Then
        Dim row As DataGridViewRow
        row = Me.DataGridView1.Rows(e.RowIndex)
        'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row
        'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &
GlobalVariables.SelectedlineItemRowNo)
```

```
txtIdd.Text = row.Cells("id").Value.ToString()  
DateTimePicker1.Value = row.Cells("date").Value.ToString()  
txtAgenda.Text = row.Cells("agenda").Value.ToString()  
txtPlan.Text = row.Cells("plan").Value.ToString()  
txtFile.Text = row.Cells("file").Value.ToString()
```

```
'textboxTst.Text = row.Cells("Description").Value.ToString
```

```
End If
```

```
Catch ex As Exception
```

```
    MsgBox(ex.Message)
```

```
End Try
```

```
End Sub
```

```
Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles btnReset.Click
```

```
    Dim txt
```

```
    For Each txt In Me.Controls
```

```
        If TypeOf txt Is TextBox Then
```

```
            txtIdd.Text = ""
```

```
            DateTimePicker1.Text = ""
```

```
            txtAgenda.Text = ""
```

```
            txtPlan.Text = ""
```

```
            txtFile.Text = ""
```

```
        End If
```

```
    Next
```

```
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
```

```
    DateTimePicker1.Format = DateTimePickerFormat.Custom
```

```
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"
```

```
    If txtIdd.Text = "" Or DateTimePicker1.Text = "" Or txtAgenda.Text = "" Or txtPlan.Text = ""  
Or txtFile.Text = "" Then
```

```
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form  
Minutes")
```

```
Exit Sub

Else
    rec_open("update minutes set date=" & DateTimePicker1.Text & ",agenda=" &
txtAgenda.Text & ", plan=" & txtPlan.Text & ",file=" & txtFile.Text & " where id=" &
txtIdd.Text & " ")
    MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
    updateTable()
End If
End Sub

Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles
txtSearch.KeyPress
    Try
        If Asc(e.KeyChar) = 13 Then
            Dim dv As DataView
            dv.RowFilter = String.Format("date Like '%{0}%', txtSearch.Text)
            DataGridView1.DataSource = table
        End If
    Catch ex As Exception
        MessageBox.Show(ex.Message)
    End Try
End Sub

Private Sub btnHome_Click(sender As Object, e As EventArgs) Handles btnHome.Click
    Me.Hide()
    HomePage.Show()
End Sub

Private Sub btnBrowse_Click(sender As Object, e As EventArgs) Handles btnBrowse.Click
    Dim result As DialogResult = OpenFileDialog1.ShowDialog()
    If result = DialogResult.OK Then
        txtFile.Text = OpenFileDialog1.FileName
    End If
End Sub
```

```
Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
    Timer1.Start()
End Sub
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    Dim FilenameName As String()
    ProgressBar1.Value += 1
    If ProgressBar1.Value = 100 Then
        Timer1.Stop()
```

```
        FilenameName = OpenFileDialog1.FileName.Split("\c")
        File.Copy(OpenFileDialog1.FileName, "Minutes\" + FilenameName(FilenameName.Length
- 1))
        MessageBox.Show(" File Uploaded Successfully ")
```

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

## MODULE

```
Imports MySql.Data.MySqlClient
Module Module1
    Public con As ADODB.Connection
    Public rs As ADODB.Recordset
    Public Function con_open()
        con = New ADODB.Connection
        con.Open("Dsn=NAAC Report;port=3306;username=root;password=root")
        MsgBox("Connection Success")
        Exit Function
        MsgBox("Connection failed")
    End Function
    Public Function rec_open(sql)
```

```
rs = New ADODB.Recordset
rs.Open(sql, con, ADODB.CursorTypeEnum.adOpenDynamic,
ADODB.LockTypeEnum.adLockOptimistic)
Return rs
End Function
End Module
```

## **NAAC**

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
Imports System.IO
```

```
Public Class NAAC
```

```
Dim sqlConn As New MySqlConnection
Dim sqlCmd As New MySqlCommand
Dim sqlRd As MySqlDataReader
Dim table As New DataTable()
Private bitmap As Bitmap
```

```
Protected Sub updateTable()
```

```
Dim table1 As New DataTable()
Dim connection As New
MySqlConnection("datasource=localhost;port=3306;username=root;password=root")
Dim adapter As New MySqlDataAdapter("select * from departmentelevate.Naac", connection)
adapter.Fill(table)
adapter.Fill(table1)
DataGridView1.DataSource = table
DataGridView1.DataSource = table1
End Sub
```

```
Private Sub btnBrowse_Click(sender As Object, e As EventArgs) Handles btnBrowse.Click
```

```
Dim result As DialogResult = OpenFileDialog1.ShowDialog()
If result = DialogResult.OK Then
```

```
txtNaac.Text = OpenFileDialog1.FileName
End If
End Sub
```

```
Private Sub btnUpload_Click(sender As Object, e As EventArgs) Handles btnUpload.Click
    Timer1.Start()
End Sub
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    Dim FilenameName As String()
    ProgressBar1.Value += 1
    If ProgressBar1.Value = 100 Then
        Timer1.Stop()
```

```
        FilenameName = OpenFileDialog1.FileName.Split("\")
        File.Copy(OpenFileDialog1.FileName, "NAAC\" + FilenameName(FilenameName.Length -
1))
        MessageBox.Show(" File Uploaded Successfully ")
    End If
End Sub
```

```
Private Sub btnPrev_Click(sender As Object, e As EventArgs) Handles btNHOME.Click
    Me.Hide()
    HomePage.Show()
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles btnEXIT.Click
    Dim iExit As DialogResult
    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
MessageBoxButtons.YesNo, MessageBoxIcon.Information)
    If iExit = DialogResult.Yes Then
        Me.Hide()
        HomePage.Show()
```

End If

End Sub

Private Sub btnDelete\_Click(sender As Object, e As EventArgs) Handles btnDelete.Click

If txtAcademic.Text = "" Or txtNaac.Text = "" Then

MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form NAAC")

Exit Sub

Else

rec\_open("delete from minutes where Academic= " & txtAcademic.Text & "")

MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")

updateTable()

End If

End Sub

Private Sub NAAC\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

con\_open()

updateTable()

End Sub

Private Sub btnAdd\_Click(sender As Object, e As EventArgs) Handles btnAdd.Click

If txtAcademic.Text = "" Or txtNaac.Text = "" Then

MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form NAAC")

Exit Sub

Else

rec\_open("insert into Naac values(" & txtAcademic.Text & "," & txtNaac.Text & ")")

MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")

updateTable()

End If

End Sub

Private Sub txtSearch\_KeyPress(sender As Object, e As KeyEventArgs) Handles txtSearch.KeyPress

Try



```
If Asc(e.KeyChar) = 13 Then
    Dim dv As DataView
    dv.RowFilter = String.Format("Academic Like '{0}%', txtSearch.Text)
    DataGridView1.DataSource = table
End If
Catch ex As Exception
    MessageBox.Show(ex.Message)
End Try
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
    If txtAcademic.Text = "" Or txtNaac.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form NAAC")
    Exit Sub
    Else
        rec_open("update minutes set file=" & txtNaac.Text & "where Academic=" & txtAcademic.Text & " ")
        MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub
```

```
Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
    Dim height As Integer = DataGridView1.Height
    DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
    bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
    DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height, Me.DataGridView1.Width))
    PrintPreviewDialog1.Document = PrintDocument1
    PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
    PrintPreviewDialog1.ShowDialog()
    DataGridView1.Height = height
```

End Sub

Private Sub PrintDocument1\_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)

Handles PrintDocument1.PrintPage

e.Graphics.DrawImage(bitmap, 0, 0)

End Sub

Private Sub DataGridView1\_CellClick(sender As Object, e As DataGridViewCellEventArgs)

Handles DataGridView1.CellClick

Try

If e.RowIndex >= 0 Then

Dim row As DataGridViewRow

row = Me.DataGridView1.Rows(e.RowIndex)

'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row

'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &

GlobalVariables.SelectedlineItemRowNo)

txtAcademic.Text = row.Cells("Academic").Value.ToString()

txtNaac.Text = row.Cells("file").Value.ToString()

'textboxTst.Text = row.Cells("Description").Value.ToString

End If

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Private Sub btnReset\_Click(sender As Object, e As EventArgs) Handles btnReset.Click

Dim txt

For Each txt In Me.Controls

If TypeOf txt Is TextBox Then

txtAcademic.Text = "Select"

txtNaac.Text = ""

ProgressBar1.Text = ""

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

## ORGANIZED WORKSHOP

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
Imports System.IO
```

```
Public Class Organise
```

```
Dim sqlConn As New MySqlConnection
Dim sqlCommand As New MySqlCommand
Dim sqlRd As MySqlDataReader
Dim table As New DataTable()
Private bitmap As Bitmap
```

```
Protected Sub updateTable()
```

```
Dim table1 As New DataTable()
Dim connection As New
MySqlConnection("datasource=localhost;port=3306;username=root;password=root")
Dim adapter As New MySqlDataAdapter("select * from departmentelevate.organise",
connection)
adapter.Fill(table)
adapter.Fill(table1)
DataGridView1.DataSource = table
DataGridView1.DataSource = table1
End Sub
```

```
Private Sub Organise_Load(sender As Object, e As EventArgs) Handles MyBase.Load
con_open()
```

```
updateTable()
DateTimePicker1.Format = DateTimePickerFormat.Custom
DateTimePicker1.CustomFormat = "yyyy-MM-dd"
End Sub

Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
    Dim gender As String
    If Male.Checked = True Then
        gender = Male.Text
    ElseIf Female.Checked = True Then
        gender = Female.Text
    End If
    If txtTopic.Text = "" Or txtName.Text = "" Or txtRperson.Text = "" Or cmdOrg.Text = "" Or
cmdCategory.Text = "" Or txtExpense.Text = "" Or txtCertificate.Text = "" Then
        MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form Organise")
        Exit Sub
    Else
        rec_open("insert into organise values('" & txtTopic.Text & "','" & txtName.Text & "','" &
txtRperson.Text & "','" & cmdOrg.Text & "','" & DateTimePicker1.Text & "','" & cmdCategory.Text
& "','" & gender & "','" & txtExpense.Text & "','" & txtCertificate.Text & "')")
        MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub

Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
    Dim iExit As DialogResult

    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
MessageBoxButtons.YesNo, MessageBoxIcon.Information)
    If iExit = DialogResult.Yes Then
        Application.Exit()
    End If
```

End Sub

Private Sub btnDelete\_Click(sender As Object, e As EventArgs) Handles btnDelete.Click

If txtTopic.Text = "" Or txtName.Text = "" Or txtRperson.Text = "" Or cmdOrg.Text = "" Or cmdCategory.Text = "" Or txtExpense.Text = "" Or txtCertificate.Text = "" Then

MsgBox("Select A Row from Gridview And then Click on Delete !! ", vbOKOnly, "Form Organise")

Exit Sub

Else

rec\_open("delete from organise where Topic= " & txtTopic.Text & "")

MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")

updateTable()

End If

End Sub

Private Sub btnPrint\_Click(sender As Object, e As EventArgs) Handles btnPrint.Click

Dim height As Integer = DataGridView1.Height

DataGridView1.Height = DataGridView1.RowCount \* DataGridView1.RowTemplate.Height

bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)

DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height, Me.DataGridView1.Width))

PrintPreviewDialog1.Document = PrintDocument1

PrintPreviewDialog1.PrintPreviewControl.Zoom = 1

PrintPreviewDialog1.ShowDialog()

DataGridView1.Height = height

End Sub

Private Sub PrintDocument1\_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)

Handles PrintDocument1.PrintPage

e.Graphics.DrawImage(bitmap, 0, 0)

End Sub

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)
```

```
Handles DataGridView1.CellClick
```

```
    Dim gender As String
```

```
    Try
```

```
        If e.RowIndex >= 0 Then
```

```
            Dim row As DataGridViewRow
```

```
            row = Me.DataGridView1.Rows(e.RowIndex)
```

```
            'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row
```

```
            'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &
```

```
GlobalVariables.SelectedlineItemRowNo)
```

```
            txtTopic.Text = row.Cells("Topic").Value.ToString()
```

```
            txtName.Text = row.Cells("Name").Value.ToString()
```

```
            txtRperson.Text = row.Cells("Rperson").Value.ToString()
```

```
            cmdOrg.Text = row.Cells("Org").Value.ToString()
```

```
            DateTimePicker1.Value = row.Cells("doj").Value.ToString()
```

```
            cmdCategory.Text = row.Cells("Category").Value.ToString()
```

```
            gender = row.Cells("gender").Value.ToString()
```

```
            If gender = "MALE" Then
```

```
                Male.Checked = True
```

```
            ElseIf gender = "FEMALE" Then
```

```
                Female.Checked = True
```

```
                txtCertificate.Text = row.Cells("file").Value.ToString()
```

```
            End If
```

```
            txtExpense.Text = row.Cells("Expense").Value.ToString()
```

```
            'textboxTst.Text = row.Cells("Description").Value.ToString
```

```
            End If
```

```
        Catch ex As Exception
```

```
            MsgBox(ex.Message)
```

```
        End Try
```

```
    End Sub
```

```
Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles btnReset.Click
```

```
    Dim txt
```

```
For Each txt In Me.Controls
    If TypeOf txt Is TextBox Then
        txtTopic.Text = ""
        txtName.Text = ""
        txtRperson.Text = ""
        cmdOrg.Text = "Select"
        DateTimePicker1.Text = ""
        cmdCategory.Text = "Select"
        Male.Checked = False
        Female.Checked = False
        txtExpense.Text = ""
        txtCertificate.Text = ""
    End If
Next
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
    DateTimePicker1.Format = DateTimePickerFormat.Custom
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"
    Dim gender As String
    If Male.Checked = True Then
        gender = Male.Text
    ElseIf Female.Checked = True Then
        gender = Female.Text
    End If
    If txtTopic.Text = "" Or txtName.Text = "" Or txtRperson.Text = "" Or cmdOrg.Text = "" Or
    cmdCategory.Text = "" Or txtExpense.Text = "" Or txtCertificate.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form
        Organise")
        Exit Sub
    Else
        rec_open("update organise set Name=" & txtName.Text & ",Rperson=" & txtRperson.Text
        & ",Org=" & cmdOrg.Text & ",doj=" & DateTimePicker1.Text & ",Category=" &
```

```
cmdCategory.Text & "',gender='" & gender & "',Expense='" & txtExpense.Text & "',file='" &
txtCertificate.Text & "' where Topic='" & txtTopic.Text & "'")
```

```
    MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
```

```
    updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles
txtSearch.KeyPress
```

```
    Try
```

```
        If Asc(e.KeyChar) = 13 Then
```

```
            Dim dv As DataView
```

```
            dv = table.DefaultView
```

```
            dv.RowFilter = String.Format("Name Like '%{0}%', txtSearch.Text)
```

```
            DataGridView1.DataSource = table
```

```
        End If
```

```
    Catch ex As Exception
```

```
        MessageBox.Show(ex.Message)
```

```
    End Try
```

```
End Sub
```

```
Private Sub btnPrev_Click(sender As Object, e As EventArgs) Handles btnPrev.Click
```

```
    Me.Hide()
```

```
    HomePage.Show()
```

```
End Sub
```

```
Private Sub btnBrowse_Click(sender As Object, e As EventArgs) Handles btnBrowse.Click
```

```
    Dim result As DialogResult = OpenFileDialog1.ShowDialog()
```

```
    If result = DialogResult.OK Then
```

```
        txtCertificate.Text = OpenFileDialog1.FileName
```

```
    End If
```

```
End Sub
```



```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
```

```
    Dim FilenameName As String()
```

```
    ProgressBar1.Value += 1
```

```
    If ProgressBar1.Value = 100 Then
```

```
        Timer1.Stop()
```

```
        FilenameName = OpenFileDialog1.FileName.Split("\c")
```

```
        File.Copy(OpenFileDialog1.FileName, "paper\" + FilenameName(FilenameName.Length - 1))
```

```
        MessageBox.Show(" File Uploaded Successfully ")
```

```
    End If
```

```
End Sub
```

```
Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
```

```
    Timer1.Start()
```

```
End Sub
```

```
End Class
```

## PAPER PUBLICATION:

```
Imports MySql.Data.MySqlClient
```

```
Imports Microsoft.VisualBasic.ApplicationServices
```

```
Imports Microsoft.Win32
```

```
Imports System.IO
```

```
Public Class PaperPublication
```

```
    Dim sqlConn As New MySqlConnection
```

```
    Dim sqlCmd As New MySqlCommand
```

```
    Dim sqlRd As MySqlDataReader
```

```
    Dim table As New DataTable()
```

```
    Private bitmap As Bitmap
```

```
    Protected Sub updateTable()
```

```
        Dim table1 As New DataTable()
```

```
        Dim connection As New
```

```
        MySqlConnection("datasource=localhost;port=3306;username=root;password=root")
```

```

Dim adapter As New MySqlDataAdapter("select * from departmentelevate.paperpublication",
connection)
    adapter.Fill(table)
    adapter.Fill(table1)
    DataGridView1.DataSource = table
    DataGridView1.DataSource = table1
End Sub

```

```

Private Sub PaperPublication_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    con_open()
    updateTable()
    DateTimePicker1.Format = DateTimePickerFormat.Custom
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"
End Sub

```

```

Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
    Dim gender As String
    If Male.Checked = True Then
        gender = Male.Text
    ElseIf Female.Checked = True Then
        gender = Female.Text
    End If
    If txtPid.Text = "" Or cmdPub.Text = "" Or txtName.Text = "" Or txtOrg.Text = "" Or
txtIssn.Text = "" Or cmdConf.Text = "" Or txtPresent.Text = "" Or TextBox6.Text = "" Then
        MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form PaperPublication")
        Exit Sub
    Else
        rec_open("insert into paperpublication values('" & txtPid.Text & "','" & cmdPub.Text & "','" &
txtName.Text & "','" & txtOrg.Text & "','" & DateTimePicker1.Text & "','" & txtIssn.Text & "','" &
cmdConf.Text & "','" & txtPresent.Text & "','" & gender & "','" & TextBox6.Text & "')")
        MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If

```

End Sub

Private Sub btnExit\_Click(sender As Object, e As EventArgs) Handles btnExit.Click

Dim iExit As DialogResult

iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",  
MessageBoxButtons.YesNo, MessageBoxIcon.Information)

If iExit = DialogResult.Yes Then

Application.Exit()

End If

End Sub

Private Sub btnDelete\_Click(sender As Object, e As EventArgs) Handles btnDelete.Click

If txtPid.Text = "" Or cmdPub.Text = "" Or txtName.Text = "" Or txtOrg.Text = "" Or  
txtIssn.Text = "" Or cmdConf.Text = "" Or txtPresent.Text = "" Or TextBox6.Text = "" Then

MsgBox("Select A Row from Gridview And then Click on Delete !! ", vbOKOnly, "Form  
PaperPublication")

Exit Sub

Else

rec\_open("delete from paperpublication where Pid= " & txtPid.Text & "")

MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")

updateTable()

End If

End Sub

Private Sub btnPrint\_Click(sender As Object, e As EventArgs) Handles btnPrint.Click

Dim height As Integer = DataGridView1.Height

DataGridView1.Height = DataGridView1.RowCount \* DataGridView1.RowTemplate.Height

bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)

DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,  
Me.DataGridView1.Width))

PrintPreviewDialog1.Document = PrintDocument1

PrintPreviewDialog1.PrintPreviewControl.Zoom = 1

```
PrintPreviewDialog1.ShowDialog()  
DataGridView1.Height = height  
End Sub
```

```
Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)  
Handles PrintDocument1.PrintPage  
    e.Graphics.DrawImage(bitmap, 0, 0)  
End Sub
```

```
Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles btnReset.Click  
    Dim txt  
    For Each txt In Me.Controls  
        If TypeOf txt Is TextBox Then  
            txtPid.Text = ""  
            cmdPub.Text = "Select"  
            txtName.Text = ""  
            txtOrg.Text = ""  
            DateTimePicker1.Text = ""  
            txtIssn.Text = ""  
            cmdConf.Text = "Select"  
            txtPresent.Text = ""  
            Male.Checked = False  
            Female.Checked = False  
            TextBox6.Text = ""  
        End If  
    Next  
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click  
    DateTimePicker1.Format = DateTimePickerFormat.Custom  
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"  
    Dim gender As String  
    If Male.Checked = True Then
```

```
        gender = Male.Text
    ElseIf Female.Checked = True Then
        gender = Female.Text
    End If

    If txtPid.Text = "" Or cmdPub.Text = "" Or txtName.Text = "" Or txtOrg.Text = "" Or
    txtIssn.Text = "" Or cmdConf.Text = "" Or txtPresent.Text = "" Or TextBox6.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form
        PaperPublication")
        Exit Sub
    Else
        rec_open("update paperpublication set Pub='" & cmdPub.Text & "',Name='" & txtName.Text
        & "',Org='" & txtOrg.Text & "',doj='" & DateTimePicker1.Text & "',Issn='" & txtIssn.Text &
        "',Conference='" & cmdConf.Text & "',Presentation='" & txtPresent.Text & "',Gender='" & gender &
        "',file='" & TextBox6.Text & "' where Pid='" & txtPid.Text & "'")
        MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub
```

```
Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles
txtSearch.KeyPress
    Try
        If Asc(e.KeyChar) = 13 Then
            Dim dv As DataView
            dv = table.DefaultView
            dv.RowFilter = String.Format("Name Like '%{0}%', txtSearch.Text)
            DataGridView1.DataSource = table
        End If
    Catch ex As Exception
        MessageBox.Show(ex.Message)
    End Try
End Sub
```

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)
Handles DataGridView1.CellClick
    Dim gender As String
    Try
        If e.RowIndex >= 0 Then
            Dim row As DataGridViewRow
            row = Me.DataGridView1.Rows(e.RowIndex)
            'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row
            'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &
GlobalVariables.SelectedlineItemRowNo)
            txtPid.Text = row.Cells("Pid").Value.ToString()
            cmdPub.Text = row.Cells("Pub").Value.ToString()
            txtName.Text = row.Cells("Name").Value.ToString()
            txtOrg.Text = row.Cells("Org").Value.ToString()
            DateTimePicker1.Value = row.Cells("doj").Value.ToString()
            txtIssn.Text = row.Cells("Issn").Value.ToString()
            cmdConf.Text = row.Cells("Conference").Value.ToString()
            txtPresent.Text = row.Cells("Presentation").Value.ToString()
            gender = row.Cells("Gender").Value.ToString()
            If gender = "MALE" Then
                Male.Checked = True
            ElseIf gender = "FEMALE" Then
                Female.Checked = True
                TextBox6.Text = row.Cells("file").Value.ToString()
            End If
            'textboxTst.Text = row.Cells("Description").Value.ToString
        End If
    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
End Sub
```

```
Private Sub btnHome_Click(sender As Object, e As EventArgs) Handles btnHome.Click
    Me.Hide()
    HomePage.Show()
End Sub
```

```
Private Sub Button8_Click(sender As Object, e As EventArgs) Handles Button8.Click
    Dim result As DialogResult = OpenFileDialog1.ShowDialog()
    If result = DialogResult.OK Then
        TextBox6.Text = OpenFileDialog1.FileName
    End If
End Sub
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    Dim FilenameName As String()
    ProgressBar1.Value += 1
    If ProgressBar1.Value = 100 Then
        Timer1.Stop()

        FilenameName = OpenFileDialog1.FileName.Split("\c)
        File.Copy(OpenFileDialog1.FileName, "paper\" + FilenameName(FilenameName.Length -
1))
        MessageBox.Show(" File Uploaded Successfully ")
    End If
End Sub
```

```
Private Sub Button9_Click(sender As Object, e As EventArgs) Handles Button9.Click
    Timer1.Start()
End Sub
End Class
```

## **PLACEMENTS:**

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
```

Imports System.IO

Public Class Placements

Dim sqlConn As New MySqlConnection

Dim sqlCommand As New MySqlCommand

Dim sqlRd As MySqlDataReader

Dim table As New DataTable()

Private bitmap As Bitmap

Protected Sub updateTable()

Dim table1 As New DataTable()

Dim connection As New

MySqlConnection("datasource=localhost;port=3306;username=root;password=root")

Dim adapter As New MySqlDataAdapter("select \* from departmentelevate.placement",  
connection)

adapter.Fill(table)

adapter.Fill(table1)

DataGridView1.DataSource = table

DataGridView1.DataSource = table1

End Sub

Private Sub Placements\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

con\_open()

updateTable()

rec\_open("select Sid from student")

While Not rs.EOF

cmdPid.Items.Add(rs(0).Value)

rs.MoveNext()

End While

End Sub

Private Sub btnAdd\_Click(sender As Object, e As EventArgs) Handles btnAdd.Click

Dim gender As String



```
If Male.Checked = True Then
    gender = Male.Text
ElseIf Female.Checked = True Then
    gender = Female.Text
End If

If cmdPid.Text = "" Or txtName.Text = "" Or txtCompany.Text = "" Or txtDesignation.Text =
"" Or txtEid.Text = "" Or txtOffer.Text = "" Then
    MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form Placements")
    Exit Sub
Else
    rec_open("insert into placement values('" & cmdPid.Text & "','" & txtName.Text & "','" &
txtCompany.Text & "','" & txtDesignation.Text & "','" & txtEid.Text & "','" & gender & "','" &
txtOffer.Text & "')")
    MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
    updateTable()
End If
End Sub

Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
    Dim iExit As DialogResult

    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
MessageBoxButtons.YesNo, MessageBoxIcon.Information)

    If iExit = DialogResult.Yes Then
        Me.Hide()
        HomePage.Show()
    End If
End Sub

Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
    If cmdPid.Text = "" Or txtName.Text = "" Or txtCompany.Text = "" Or txtDesignation.Text =
"" Or txtEid.Text = "" Or txtOffer.Text = "" Then
```

```
MsgBox("Select A Row from Gridview And then Click on Delete !! ", vbOKOnly, "Form  
Placements")
```

```
Exit Sub
```

```
Else
```

```
rec_open("delete from placement where Id= " & cmdPid.Text & "")
```

```
MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")
```

```
updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
```

```
Dim height As Integer = DataGridView1.Height
```

```
DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
```

```
bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
```

```
DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,  
Me.DataGridView1.Width))
```

```
PrintPreviewDialog1.Document = PrintDocument1
```

```
PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
```

```
PrintPreviewDialog1.ShowDialog()
```

```
DataGridView1.Height = height
```

```
End Sub
```

```
Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)  
Handles PrintDocument1.PrintPage
```

```
e.Graphics.DrawImage(bitmap, 0, 0)
```

```
End Sub
```

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)  
Handles DataGridView1.CellClick
```

```
Dim gender As String
```

```
Try
```

```
If e.RowIndex >= 0 Then
```

```
Dim row As DataGridViewRow
```

```
row = Me.DataGridView1.Rows(e.RowIndex)
'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row
'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &
GlobalVariables.SelectedlineItemRowNo)
cmdPid.Text = row.Cells("Id").Value.ToString()
txtName.Text = row.Cells("Name").Value.ToString()
txtCompany.Text = row.Cells("Company").Value.ToString()
txtDesignation.Text = row.Cells("Designation").Value.ToString()
txtEid.Text = row.Cells("Eid").Value.ToString()
gender = row.Cells("gender").Value.ToString()
If gender = "MALE" Then
    Male.Checked = True
ElseIf gender = "FEMALE" Then
    Female.Checked = True
End If
txtOffer.Text = row.Cells("file").Value.ToString()
'textboxTst.Text = row.Cells("Description").Value.ToString
End If
Catch ex As Exception
    MsgBox(ex.Message)
End Try
End Sub

Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles btnReset.Click
    Dim txt
    For Each txt In Me.Controls
        If TypeOf txt Is TextBox Then
            cmdPid.Text = ""
            txtName.Text = ""
            txtCompany.Text = ""
            txtDesignation.Text = ""
            txtEid.Text = ""
            Male.Checked = False
```

```
Female.Checked = False
txtOffer.Text = ""
End If
Next
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
    Dim gender As String
    If Male.Checked = True Then
        gender = Male.Text
    ElseIf Female.Checked = True Then
        gender = Female.Text
    End If
    If cmdPid.Text = "" Or txtName.Text = "" Or txtCompany.Text = "" Or txtDesignation.Text = "" Or txtEid.Text = "" Or txtOffer.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form Placements")
        Exit Sub
    Else
        rec_open("update placement set Name='" & txtName.Text & "',Company='" & txtCompany.Text & "',Designation='" & txtDesignation.Text & "',Eid='" & txtEid.Text & "',gender='" & gender & "',file='" & txtOffer.Text & "' where Id='" & cmdPid.Text & "'")
        MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub
```

```
Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtSearch.KeyPress
    Try
        If Asc(e.KeyChar) = 13 Then
            Dim dv As DataView
            dv = table.DefaultView
```

```
        dv.RowFilter = String.Format("Name Like '{0}%', txtSearch.Text)
        DataGridView1.DataSource = table
    End If
Catch ex As Exception
    MessageBox.Show(ex.Message)
End Try
End Sub
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    Dim FilenameName As String()
    ProgressBar1.Value += 1
    If ProgressBar1.Value = 100 Then
        Timer1.Stop()

        FilenameName = OpenFileDialog1.FileName.Split("\c")
        File.Copy(OpenFileDialog1.FileName, "placement\" +
FilenameName(FilenameName.Length - 1))
        MessageBox.Show(" File Uploaded Successfully ")
    End If
End Sub
```

```
Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
    Timer1.Start()
End Sub
```

```
Private Sub btnBrowse_Click(sender As Object, e As EventArgs) Handles btnBrowse.Click
    Dim result As DialogResult = OpenFileDialog1.ShowDialog()
    If result = DialogResult.OK Then
        txtOffer.Text = OpenFileDialog1.FileName
    End If
End Sub
```

```
Private Sub btnHome_Click(sender As Object, e As EventArgs) Handles btnHome.Click
```

```
Me.Hide()
```

```
HomePage.Show()
```

```
End Sub
```

```
Private Sub cmdpid_LostFocus(sender As Object, e As EventArgs) Handles cmdPid.LostFocus
```

```
    rec_open("select Sname from student where Sid='" & cmdPid.Text & "' ")
```

```
    txtName.Text = rs(0).Value
```

```
End Sub
```

```
End Class
```

## **FACULTY REGISTRATION:**

```
Imports MySql.Data.MySqlClient
```

```
Imports Microsoft.VisualBasic.ApplicationServices
```

```
Imports Microsoft.Win32
```

```
Public Class Registration
```

```
    Dim sqlConn As New MySqlConnection
```

```
    Dim sqlCmd As New MySqlCommand
```

```
    Dim sqlRd As MySqlDataReader
```

```
    Dim table As New DataTable()
```

```
    Private bitmap As Bitmap
```

```
    Protected Sub updateTable()
```

```
        Dim table1 As New DataTable()
```

```
        Dim connection As New
```

```
MySqlConnection("datasource=localhost;port=3306;username=root;password=root")
```

```
        Dim adapter As New MySqlDataAdapter("select * from departmentelevate.faculty",  
connection)
```

```
        adapter.Fill(table)
```

```
        adapter.Fill(table1)
```

```
        DataGridView1.DataSource = table
```

```
        DataGridView1.DataSource = table1
```

```
End Sub
```

```
Private Sub Registration_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    con_open()
    updateTable()
    DateTimePicker1.Format = DateTimePickerFormat.Custom
    DateTimePicker1.CustomFormat = "yyyy-MM-dd"
End Sub
```

```
Private Sub btnADD_Click(sender As Object, e As EventArgs) Handles btnADD.Click
    Dim gender As String
    If Male.Checked = True Then
        gender = Male.Text
    ElseIf Female.Checked = True Then
        gender = Female.Text
    End If
    If txtFid.Text = "" Or txtFname.Text = "" Or cmdDept.Text = "" Or txtFmob.Text = "" Or
txtFemail.Text = "" Or cmdDesignation.Text = "" Then
        MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form Registration")
        Exit Sub
    Else
        rec_open("insert into faculty values('" & txtFid.Text & "','" & txtFname.Text & "','" &
cmdDept.Text & "','" & DateTimePicker1.Text & "','" & txtFmob.Text & "','" & txtFq.Text & "','" &
txtFemail.Text & "','" & cmdDesignation.Text & "','" & gender & "')")
        MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub
```

```
Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
    Dim iExit As DialogResult

    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
MessageBoxButtons.YesNo, MessageBoxIcon.Information)
```

```
If iExit = DialogResult.Yes Then
    Me.Hide()
    HomePage.Show()
End If
End Sub

Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
    If txtFname.Text = "" Or cmdDept.Text = "" Or txtFmob.Text = "" Or txtFemail.Text = "" Or
cmdDesignation.Text = "" Then
        MsgBox("Select A Row from Gridview And then Click on Delete !! ", vbOKOnly, "Form
Registration")
        Exit Sub
    Else
        rec_open("delete from faculty where Fid= " & txtFid.Text & "")
        MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub

End Sub

Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
    Dim height As Integer = DataGridView1.Height
    DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
    bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
    DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,
Me.DataGridView1.Width))
    PrintPreviewDialog1.Document = PrintDocument1
    PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
    PrintPreviewDialog1.ShowDialog()
    DataGridView1.Height = height
End Sub

Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)
Handles PrintDocument1.PrintPage
```



```
e.Graphics.DrawImage(bitmap, 0, 0)
```

```
End Sub
```

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)
```

```
Handles DataGridView1.CellClick
```

```
Dim gender As String
```

```
Try
```

```
If e.RowIndex >= 0 Then
```

```
Dim row As DataGridViewRow
```

```
row = Me.DataGridView1.Rows(e.RowIndex)
```

```
'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row
```

```
'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &
```

```
GlobalVariables.SelectedlineItemRowNo)
```

```
txtFid.Text = row.Cells("fid").Value.ToString()
```

```
txtFname.Text = row.Cells("fname").Value.ToString()
```

```
cmdDept.Text = row.Cells("fdept").Value.ToString()
```

```
DateTimePicker1.Value = row.Cells("doj").Value.ToString()
```

```
txtFmob.Text = row.Cells("mob").Value.ToString()
```

```
txtFq.Text = row.Cells("fq").Value.ToString()
```

```
txtFemail.Text = row.Cells("email").Value.ToString()
```

```
cmdDesignation.Text = row.Cells("desgn").Value.ToString()
```

```
gender = row.Cells("gender").Value.ToString()
```

```
If gender = "MALE" Then
```

```
Male.Checked = True
```

```
ElseIf gender = "FEMALE" Then
```

```
Female.Checked = True
```

```
End If
```

```
'textboxTst.Text = row.Cells("Description").Value.ToString
```

```
End If
```

```
Catch ex As Exception
```

```
MsgBox(ex.Message)
```

```
End Try
```

```
End Sub
```

Private Sub btnReset\_Click(sender As Object, e As EventArgs) Handles btnReset.Click

Dim txt

For Each txt In Me.Controls

If TypeOf txt Is TextBox Then

txtFid.Text = ""

txtFname.Text = ""

cmdDept.Text = "Select"

DateTimePicker1.Text = ""

txtFmob.Text = ""

txtFname.Text = ""

txtFq.Text = ""

txtFemail.Text = ""

cmdDesignation.Text = ""

Male.Checked = False

Female.Checked = False

End If

Next

End Sub

Private Sub btnUpdate\_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click

DateTimePicker1.Format = DateTimePickerFormat.Custom

DateTimePicker1.CustomFormat = "yyyy-MM-dd"

Dim gender As String

If Male.Checked = True Then

gender = Male.Text

ElseIf Female.Checked = True Then

gender = Female.Text

End If

If txtFid.Text = "" Or txtFname.Text = "" Or cmdDept.Text = "" Or txtFmob.Text = "" Or  
txtFemail.Text = "" Or cmdDesignation.Text = "" Then

MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form  
Registration")

Exit Sub

Else

```
rec_open("update faculty set fname='" & txtFname.Text & "',fdept='" & cmdDept.Text &
"',doj='" & DateTimePicker1.Text & "',mob='" & txtFmob.Text & "',fq='" & txtFq.Text &
"',email='" & txtFemail.Text & "',desgn='" & cmdDesignation.Text & "',gender='" & gender & "
where fid='" & txtFid.Text & "'")
```

```
MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
```

```
updateTable()
```

End If

End Sub

Private Sub txtSearch\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtSearch.KeyPress

Try

```
If Asc(e.KeyChar) = 13 Then
```

```
Dim dv As DataView
```

```
dv = table.DefaultView
```

```
dv.RowFilter = String.Format("fname Like '%{0}%'", txtSearch.Text)
```

```
DataGridView1.DataSource = table
```

```
End If
```

```
Catch ex As Exception
```

```
MessageBox.Show(ex.Message)
```

```
End Try
```

End Sub

Private Sub btnHome\_Click(sender As Object, e As EventArgs) Handles btnHome.Click

```
Me.Hide()
```

```
HomePage.Show()
```

End Sub

Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

```
Me.Hide()
```

```
facultynext.Show()
```

End Sub

Private Sub txtFid\_TextChanged(sender As Object, e As EventArgs) Handles txtFid.TextChanged

End Sub

End Class

## **STUDENT REGISTRATION:**

Imports MySql.Data.MySqlClient

Imports Microsoft.VisualBasic.ApplicationServices

Imports Microsoft.Win32

Public Class studentregister

Dim sqlConn As New MySqlConnection

Dim sqlCommand As New MySqlCommand

Dim sqlRd As MySqlDataReader

Dim table As New DataTable()

Private bitmap As Bitmap

Protected Sub updateTable()

Dim table1 As New DataTable()

Dim connection As New

MySqlConnection("datasource=localhost;port=3306;username=root;password=root")

Dim adapter As New MySqlDataAdapter("select \* from departmentelevate.student",  
connection)

adapter.Fill(table)

adapter.Fill(table1)

DataGridView1.DataSource = table

DataGridView1.DataSource = table1

End Sub

Private Sub studentregister\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

con\_open()

updateTable()

DateTimePicker1.Format = DateTimePickerFormat.Custom

```
DateTimePicker1.CustomFormat = "yyyy-MM-dd"
```

```
End Sub
```

```
Private Sub btnADD_Click(sender As Object, e As EventArgs) Handles btnADD.Click
```

```
    Dim gender As String
```

```
    If Male.Checked = True Then
```

```
        gender = Male.Text
```

```
    ElseIf Female.Checked = True Then
```

```
        gender = Female.Text
```

```
    End If
```

```
    If txtSid.Text = "" Or txtSname.Text = "" Or txtFname.Text = "" Or txtAddress.Text = "" Or  
DateTimePicker1.Text = "" Or txtEmail.Text = "" Or txtAdmin.Text = "" Or cmdCourse.Text = ""  
Or cmdSem.Text = "" Or gender = "" Or txtMob.Text = "" Then
```

```
        MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form studentregister")
```

```
        Exit Sub
```

```
    Else
```

```
        rec_open("insert into student values('" & txtSid.Text & "','" & txtSname.Text & "','" &  
txtFname.Text & "','" & txtAddress.Text & "','" & DateTimePicker1.Text & "','" & txtEmail.Text &  
"','" & txtAdmin.Text & "','" & cmdCourse.Text & "','" & cmdSem.Text & "','" & gender & "','" &  
txtMob.Text & "'))")
```

```
        MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
```

```
        updateTable()
```

```
    End If
```

```
End Sub
```

```
Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
```

```
    Dim iExit As DialogResult
```

```
    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",  
MessageBoxButtons.YesNo, MessageBoxIcon.Information)
```

```
    If iExit = DialogResult.Yes Then
```

```
        Application.Exit()
```

```
    End If
```

End Sub

Private Sub btnDelete\_Click(sender As Object, e As EventArgs) Handles btnDelete.Click

If txtSid.Text = "" Or txtFname.Text = "" Or txtFname.Text = "" Or txtAddress.Text = "" Or  
DateTimePicker1.Text = "" Or txtEmail.Text = "" Or txtAdmin.Text = "" Or cmdCourse.Text = ""  
Or cmdSem.Text = "" Or txtMob.Text = "" Then

MsgBox("Select A Row from Gridview And then Click on Delete !! ", vbOKOnly, "Form  
studentregister")

Exit Sub

Else

rec\_open("delete from student where sid= " & txtSid.Text & "")

MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")

updateTable()

End If

End Sub

Private Sub btnPrint\_Click(sender As Object, e As EventArgs) Handles btnPrint.Click

Dim height As Integer = DataGridView1.Height

DataGridView1.Height = DataGridView1.RowCount \* DataGridView1.RowTemplate.Height

bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)

DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,  
Me.DataGridView1.Width))

PrintPreviewDialog1.Document = PrintDocument1

PrintPreviewDialog1.PrintPreviewControl.Zoom = 1

PrintPreviewDialog1.ShowDialog()

DataGridView1.Height = height

End Sub

Private Sub PrintDocument1\_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)

Handles PrintDocument1.PrintPage

e.Graphics.DrawImage(bitmap, 0, 0)

End Sub

Private Sub DataGridView1\_CellClick(sender As Object, e As DataGridViewCellEventArgs)

Handles DataGridView1.CellClick

Dim gender As String

Try

If e.RowIndex >= 0 Then

Dim row As DataGridViewRow

row = Me.DataGridView1.Rows(e.RowIndex)

'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row

'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &

GlobalVariables.SelectedlineItemRowNo)

txtSid.Text = row.Cells("Sid").Value.ToString()

txtSname.Text = row.Cells("Sname").Value.ToString()

txtFname.Text = row.Cells("Fname").Value.ToString()

txtAddress.Text = row.Cells("Address").Value.ToString()

DateTimePicker1.Text = row.Cells("DOB").Value.ToString()

txtEmail.Text = row.Cells("Email").Value.ToString()

txtAdmin.Text = row.Cells("Admin").Value.ToString()

cmdCourse.Text = row.Cells("Course").Value.ToString()

cmdSem.Text = row.Cells("Sem").Value.ToString()

txtMob.Text = row.Cells("MOB").Value.ToString()

gender = row.Cells("Gender").Value.ToString()

If gender = "MALE" Then

Male.Checked = True

ElseIf gender = "FEMALE" Then

Female.Checked = True

End If

'textboxTst.Text = row.Cells("Description").Value.ToString

End If

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Private Sub btnR\_Click(sender As Object, e As EventArgs) Handles btnR.Click

Dim txt

For Each txt In Me.Controls

If TypeOf txt Is TextBox Then

txtSid.Text = ""

txtSname.Text = ""

txtFname.Text = ""

txtAddress.Text = ""

DateTimePicker1.Text = ""

txtEmail.Text = ""

txtAdmin.Text = ""

cmdCourse.Text = "Select"

cmdSem.Text = "Select"

Male.Checked = False

Female.Checked = False

txtMob.Text = ""

End If

Next

End Sub

Private Sub btnUpdate\_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click

DateTimePicker1.Format = DateTimePickerFormat.Custom

DateTimePicker1.CustomFormat = "yyyy-MM-dd"

Dim gender As String

If Male.Checked = True Then

gender = Male.Text

ElseIf Female.Checked = True Then

gender = Female.Text

End If

If txtSid.Text = "" Or txtSname.Text = "" Or txtFname.Text = "" Or txtAddress.Text = "" Or  
DateTimePicker1.Text = "" Or txtEmail.Text = "" Or txtAdmin.Text = "" Or cmdCourse.Text = ""  
Or cmdSem.Text = "" Or gender = "" Or txtMob.Text = "" Then



```
MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form
studentregister")
Exit Sub
Else
    rec_open("update student set Sname='" & txtSname.Text & "',Fname='" & txtFname.Text &
"',Address='" & txtAddress.Text & "',DOB='" & DateTimePicker1.Text & "',Email='" &
txtEmail.Text & "',Admin='" & txtAdmin.Text & "',Course='" & cmdCourse.Text & "',Sem='" &
cmdSem.Text & "',Gender='" & gender & "',MOB='" & txtMob.Text & "' where Sid='" &
txtSid.Text & "'")
    MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
    updateTable()
End If
End Sub
```

```
Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles
txtSearch.KeyPress
```

```
    Try
        If Asc(e.KeyChar) = 13 Then
            Dim dv As DataView
            dv = table.DefaultView
            dv.RowFilter = String.Format("Sname Like '%{0}%', txtSearch.Text)
            DataGridView1.DataSource = table
        End If
    Catch ex As Exception
        MessageBox.Show(ex.Message)
    End Try
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    Me.Hide()
    HomePage.Show()
End Sub
```

```
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    Me.Hide()
    studentnext.Show()
End Sub
```

```
Private Sub txtSname_TextChanged(sender As Object, e As EventArgs) Handles
txtSname.TextChanged
```

```
End Sub
End Class
```

## **WORKLOAD:**

```
Imports MySql.Data.MySqlClient
Imports Microsoft.VisualBasic.ApplicationServices
Imports Microsoft.Win32
Imports System.IO
Public Class subjecthandling
    Dim sqlConn As New MySqlConnection
    Dim sqlCmd As New MySqlCommand
    Dim sqlRd As MySqlDataReader
    Dim table As New DataTable()
    Private bitmap As Bitmap

    Protected Sub updateTable()
        Dim table1 As New DataTable()
        Dim connection As New
        MySqlConnection("datasource=localhost;port=3306;username=root;password=root")
        Dim adapter As New MySqlDataAdapter("select * from departmentelevate.workload",
        connection)
        adapter.Fill(table)
        adapter.Fill(table1)
        DataGridView1.DataSource = table
        DataGridView1.DataSource = table1
    End Sub
```

```
Private Sub subjecthandling_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    con_open()
    updateTable()
End Sub
```

```
Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
    If txtName.Text = "" Or cmdYear.Text = "" Or cmdCourse.Text = "" Or txtSub.Text = "" Or
cmdSem.Text = "" Or cmdDept.Text = "" Or txtThrs.Text = "" Or txtPhrs.Text = "" Or
txtTimetable.Text = "" Then
        MsgBox("Mandatory Fields!! Please fill it", vbOKOnly, "Form subjecthandling")
        Exit Sub
    Else
        rec_open("insert into workload values('" & txtName.Text & "','" & cmdYear.Text & "','" &
cmdCourse.Text & "','" & txtSub.Text & "','" & cmdSem.Text & "','" & cmdDept.Text & "','" &
txtThrs.Text & "','" & txtPhrs.Text & "','" & txtTimetable.Text & "'")")
        MsgBox("Data Inserted Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub
```

```
Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
    Dim iExit As DialogResult

    iExit = MessageBox.Show("Confirm if you want to exit", "Datagridview System",
MessageBoxButtons.YesNo, MessageBoxIcon.Information)
    If iExit = DialogResult.Yes Then
        Application.Exit()
    End If
End Sub
```

```
Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
```

```
If txtName.Text = "" Or cmdYear.Text = "" Or cmdCourse.Text = "" Or txtSub.Text = "" Or  
cmdSem.Text = "" Or cmdDept.Text = "" Or txtThrs.Text = "" Or txtPhrs.Text = "" Or  
txtTimetable.Text = "" Then
```

```
    MsgBox("Select A Row from Gridview And then Click on Delete !! ", vbOKOnly, "Form  
subjecthandling")
```

```
    Exit Sub
```

```
Else
```

```
    rec_open("delete from workload where Name= " & txtName.Text & "")
```

```
    MsgBox("Data Deleted Successfully!!", vbOKOnly, "Status Update")
```

```
    updateTable()
```

```
End If
```

```
End Sub
```

```
Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
```

```
    Dim height As Integer = DataGridView1.Height
```

```
    DataGridView1.Height = DataGridView1.RowCount * DataGridView1.RowTemplate.Height
```

```
    bitmap = New Bitmap(Me.DataGridView1.Height, Me.DataGridView1.Width)
```

```
    DataGridView1.DrawToBitmap(bitmap, New Rectangle(0, 0, Me.DataGridView1.Height,  
Me.DataGridView1.Width))
```

```
    PrintPreviewDialog1.Document = PrintDocument1
```

```
    PrintPreviewDialog1.PrintPreviewControl.Zoom = 1
```

```
    PrintPreviewDialog1.ShowDialog()
```

```
    DataGridView1.Height = height
```

```
End Sub
```

```
Private Sub PrintDocument1_PrintPage(sender As Object, e As Printing.PrintPageEventArgs)  
Handles PrintDocument1.PrintPage
```

```
    e.Graphics.DrawImage(bitmap, 0, 0)
```

```
End Sub
```

```
Private Sub DataGridView1_CellClick(sender As Object, e As DataGridViewCellEventArgs)
```

```
Handles DataGridView1.CellClick
```

```
Try
```

```
    If e.RowIndex >= 0 Then
```

```
        Dim row As DataGridViewRow
```

```
        row = Me.DataGridView1.Rows(e.RowIndex)
```

```
        'GlobalVariables.SelectedlineItemRowNo = e.RowIndex ' Or row
```

```
        'MsgBox("GlobalVariables.SelectedlineItemRowNo is ---> " &
```

```
GlobalVariables.SelectedlineItemRowNo)
```

```
        txtName.Text = row.Cells("Name").Value.ToString()
```

```
        cmdYear.Text = row.Cells("Year").Value.ToString()
```

```
        cmdCourse.Text = row.Cells("Course").Value.ToString()
```

```
        txtSub.Text = row.Cells("Subject").Value.ToString()
```

```
        cmdSem.Text = row.Cells("Sem").Value.ToString()
```

```
        cmdDept.Text = row.Cells("Department").Value.ToString()
```

```
        txtThrs.Text = row.Cells("Theoryhrs").Value.ToString()
```

```
        txtPhrs.Text = row.Cells("Practicalhrs").Value.ToString()
```

```
        txtPhrs.Text = row.Cells("Practicalhrs").Value.ToString()
```

```
        txtTimetable.Text = row.Cells("file").Value.ToString()
```

```
        'textboxTst.Text = row.Cells("Description").Value.ToString
```

```
    End If
```

```
    Catch ex As Exception
```

```
        MsgBox(ex.Message)
```

```
    End Try
```

```
End Sub
```

```
Private Sub btnReset_Click(sender As Object, e As EventArgs) Handles btnReset.Click
```

```
    Dim txt
```

```
    For Each txt In Me.Controls
```

```
        If TypeOf txt Is TextBox Then
```

```
            txtName.Text = ""
```

```
            cmdYear.Text = "Select"
```

```
            cmdCourse.Text = "Select"
```

```

        txtSub.Text = ""
        cmdSem.Text = "Select"
        cmdDept.Text = "Select"
        txtThrs.Text = ""
        txtPhrs.Text = ""
        txtTimetable.Text = ""
    End If
Next
End Sub

```

```

Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles btnUpdate.Click
    If txtName.Text = "" Or cmdYear.Text = "" Or cmdCourse.Text = "" Or txtSub.Text = "" Or
    cmdSem.Text = "" Or cmdDept.Text = "" Or txtThrs.Text = "" Or txtPhrs.Text = "" Or txtPhrs.Text
    = "" Or txtTimetable.Text = "" Then
        MsgBox("Select A Row from Gridview and then Click on Update !! ", vbOKOnly, "Form
subjecthandling")
    Exit Sub
    Else
        rec_open("update workload set Name='" & txtName.Text & "',Year='" & cmdYear.Text &
        "',Course='" & cmdCourse.Text & "',Subject='" & txtSub.Text & "',Sem='" & cmdSem.Text &
        "',Department='" & cmdDept.Text & "',Theoryhrs='" & txtThrs.Text & "',Practicalhrs='" &
        txtPhrs.Text & "',timetable=" & txtTimetable.Text & "' where Name='" & txtName.Text & """)
        MsgBox("Data Updated Successfully!!", vbOKOnly, "Status Update")
        updateTable()
    End If
End Sub

```

```

Private Sub txtSearch_KeyPress(sender As Object, e As KeyPressEventArgs) Handles
txtSearch.KeyPress
    Try
        If Asc(e.KeyChar) = 13 Then
            Dim dv As DataView
            dv = table.DefaultView

```

```
        dv.RowFilter = String.Format("Name Like '%{0}%', txtSearch.Text)
        DataGridView1.DataSource = table
    End If
Catch ex As Exception
    MessageBox.Show(ex.Message)
End Try
End Sub

Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click
    Dim result As DialogResult = OpenFileDialog1.ShowDialog()
    If result = DialogResult.OK Then
        txtTimetable.Text = OpenFileDialog1.FileName
    End If
End Sub

Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    Dim FilenameName As String()
    ProgressBar1.Value += 1
    If ProgressBar1.Value = 100 Then
        Timer1.Stop()

        FilenameName = OpenFileDialog1.FileName.Split("\c")
        File.Copy(OpenFileDialog1.FileName, "subjecthandling\" +
FilenameName(FilenameName.Length - 1))
        MessageBox.Show(" File Uploaded Successfully ")
    End If
End Sub

Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
    Timer1.Start()
End Sub
End Class
```

---

# **CHAPTER – 4**

# **SYSTEM**

# **IMPLEMENTATION**

---



## Hardware and Software Requirements:-

### Hardware Requirements:-

- + System : Microsoft Windows10
- + Processor :Intel (R) core i5-3230M CPU
- + RAM :@2.60GHz
- + Monitor
- + Keyboard
- + Mouse
- + Hard disk capacity:

### Software Requirements:-

- + Operating System : Windows 10 pro
- + FrontEnd : Visual Studio 2015
- + Back End : My SQL

## 4.1 TESTING:

### 4.2.1 INTRODUCTION:

Testing is a process, which reveals errors in the program. It is the major quality measure employed during software development.

A series of tests are performed for the proposed system before the system was ready for the implementation. The various types of testing done on the system are:

- Unit Testing
- Integration Testing

- Validation Testing
- Output Testing
- User Acceptance Testing

➤ **UNIT TESTING :**

Unit testing focuses verification effort on the smallest unit of software design module. The testing was carried out during the coding stage itself. In this testing step each module is found to be working satisfactory as regards to expected from module.

➤ **INTEGRATED TESTING :**

Integration testing is a systematic technique for constructing the program structure

while at the same time conducting tests to uncover errors associated with in the interface. All the errors found in the system were corrected for the next testing steps.

➤ **VALIDATION TESTING :**

Validation testing can be defined as the testing which succeeds when the software function in a manner that can be reasonable accepted by the user or the customer. Software validation is achieved through a series of black box tests. The proposed system under consideration has been tested by using validation testing and found to be working satisfactorily.

➤ **OUTPUT TESTING :**

After performing validation testing, the next step is output testing of the proposed system. The output generated or displayed by system under consideration is tested by comparing with format required by user. Hence, output testing does not result any correction in the system.

➤ **USER ACCEPTANCE TESTING :**

User acceptance of a system is a key factor for the success of any system. The system under consideration was tested for user acceptance by constantly keeping in touch with the prospective system users at the time of developing and making change wherever required.

## **4.3 SYSTEM MAINTAINENCE**

### **VISUAL STUDIO 2015 COMMUNITY VERSION**

#### **Introduction to Visual Studio :**

Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services and mobile apps. Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. It can produce both native code and managed code.

Visual Studio includes a code editor supporting IntelliSense (the code completion component) as well as code refactoring. The integrated debugger works both as a source-level debugger and a machine-level debugger. Other built-in tools include a code profiler, designer for building GUI applications, web designer, class designer, and database schema designer. It accepts plug-ins that expand the functionality at almost every level—including adding support for source control systems (like Subversion and Git) and adding new toolsets like editors and visual designers for domain-specific languages or toolsets for other aspects of the software development lifecycle (like the Azure DevOps client: Team Explorer).

Visual Studio supports 36 different programming languages and allows the code editor and debugger to support (to varying degrees) nearly any programming language, provided a language-specific service exists. Built-in languages include C, C++, C++/CLI, Visual Basic .NET, C#, F#, JavaScript, Typescript, XML, XSLT, HTML, and CSS. Support for other languages such as Python, Ruby, Node.js, and M among others is available via plug-ins. Java (and J#) were supported in the past.

The most basic edition of Visual Studio, the Community edition, is available free of charge. The slogan for Visual Studio Community edition is "Free, fully-featured IDE for students, open-source and individual developers".

## **Features:**

### **➤ Code editor:**

Visual Studio (like any other IDE) includes a code editor that supports syntax highlighting and code completion using IntelliSense for variables, functions, methods, loops, and LINQ queries.[23] IntelliSense is supported for the included languages, as well as for XML, Cascading Style Sheets, and JavaScript when developing web sites and web applications.[24][25] Autocomplete suggestions appear in a modeless list box over the code editor window, in proximity of the editing cursor. In Visual Studio 2008 onwards, it can be made temporarily semi-transparent to see the code obstructed by it.[23] The code editor is used for all supported languages.

### **➤ Debugger:**

Visual Studio includes a debugger that works both as a source-level debugger and as a machine-level debugger. It works with both managed code as well as native code and can be used for debugging applications written in any language supported by Visual Studio. In addition, it can also attach to running processes, monitor, and debug those processes. If source code for the running process is available, it displays the code as it is being run.

### **➤ Designer :**

- **Windows Forms Designer**
- **WPF Designer**
- **Web designer/development**
- **Class designer**
- **Data designer**
- **Mapping designer**

## MYSQL:-

### Introduction to MYSQL 5.0

MYSQL is high-performance, multi-threaded, multi-user RDBMS built around clientserver architecture. Designed specifically for speed and stability, it has, over the last few years, become one of the most popular RDBMS for database-driven software applications, both on and off the web. Today, more than million web sites create, use, and deploy MYSQLbased applications; that number rises daily(as stated on the official MYSQL web site, at [http://www/mysql.com/](http://www.mysql.com/)).

### The MYSQL RDBMS consists of the following two components:

- **Server-side tools:** These include the MYSQL database server, which is the core software engine responsible for creating and managing security, together with additional tools to manage multiple MYSQL servers, optimize and repair MYSQL tables and create bug reports.
- **Client-side tools:** These include a command-line MYSQL client, tools to manage MYSQL user permissions, and utilities to import and export MYSQL databases. Also included are command-line tools to view and copy MYSQL databases and tables, maintain tables, and retrieve server status information.

### History and Evolution

MYSQL came into being in 1979, when Michael “Monty” Widenius created a database system named UNIREG for the Swedish company TcX. UNIREG didn’t, however, have a structured query language (SQL) interface- something that caused it to fall out of favor with TCX in the mid-1990. So TcX began looking for alternatives. One of the alternatives was MYSQL, a Competing DBMS created by Dabid Hughes.

**Features:**

MYSQL has always been designed around three fundamental principles: performance, reliability and ease of use.

**Following are discussions of MYSQL's most compelling features:-****Speed:**

In an RDBMS, speed- the time to execute a query and return the results to the caller-is everything. Benchmarks available on the MYSQL web show that MYSQL outperforms almost every other database currently available, including commercial counterparts like Microsoft SQL server 2000 and IBM DB2.

**Reliability:**

The system is designed to offer maximum reliability and uptime, and it has been tested and certifies for use in high-volume, mission-critical applications. MYSQL's large user base assists in rapidly locating and resolving bugs and in testing the software in a variety of environments- this proactive approach has resulted in software that is virtually bug-free.

**Ease of Use:**

MYSQL is so easy to use that even a novice can pick up the basics in a few hours, and the software is well-supported by a detailed manual, a large number of free online tutorials, a knowledge developer community and a fair number of books. For commercial environment, MYSQL is further supported by MYSQL AB, which offers professional training courses, consultancy services and technical support.

**Multi-user Supports:**

MYSQL is a full multi-user system, which means that multiple clients can access and use one (or more) MYSQL database(s) simultaneously; this is of particular significance during development of web-based applications, which are required to support simultaneous connections by multiple remote clients.

**Scalability:**

MYSQL can handle extremely large and complex databases without too much of a performance drop. Tables of several gigabytes containing hundreds of thousands of records are not uncommon, and the MYSQL web site itself claims to use databases containing 50 million records.

**Portability:**

MYSQL is available for both UNIX and non-UNIX operating systems, including Linux, Solaris, FreeBSD, OS/2, MacOS, and window 95, 98, Me, 2000, XP and NT. It runs on the range of architectures, including Intel x86, Alpha, SPARC, PowerPC and IA64 and it supports many hardware configurations, from low-end Pentium machines and IBM z series mainframes.

**Applications:**

To quote its official web site, MYSQL is “the world’s most popular open source database”. No small claim, that, but the numbers certainly seem to bear it out: according to recent statistics published on the MYSQL web site, MYSQL is used in more than 4 million systems worldwide, with more than 25,000 copies of the MYSQL database server downloaded.

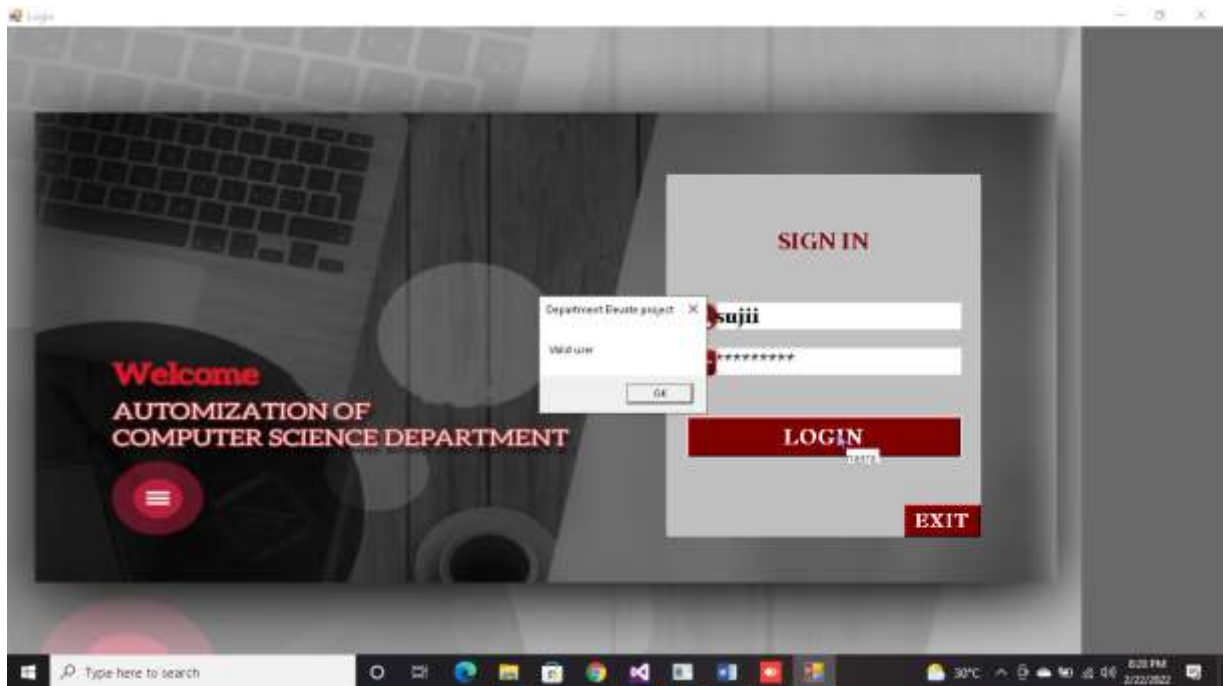
---

# **CHAPTER - 5**

## **A SESSION WITH SOFTWARE**

---





## SCREENSHOT:

### 1.LOGIN

## 2. HOMEPAGE

**STUDENT REGISTRATION FORM**

**SID**: R1918617

**STUDENT NAME**: Aditi

**FATHER NAME**: Ali

**ADDRESS**: Dubai

**D.O.B**: 2022-02-16

**EMAIL ID**: Aditig@gmail.com

**ADMN NO.**: 56

**COURSE**: BSC

**YEAR/SEM**: II Tr/ IV SEM

**MALE** ☐ **FEMALE** ☐

**ADD** **RESET** **UPDATE** **DELETE** **PRINT** **EXIT** **NEXT**

**SEARCH**

Sid	Name	Father	Address	DOR	Email	AdmNo	Course	Sem	Gender	Marks
R1918612	Hassan	Ahmed	Kanakkur	15-Jul-2001	hassan@kanakku	51	BSC	II Tr/ IV SEM	Female	866
R1918613	Sunanda	Habib	Rashtreeya	2022/02/16	sunanda@rashtreeya	52	BSC	II Tr/ IV SEM	FEMALE	866
R1918614	Sulha	Ravi	Rashtreeya	2001-12-25	sulha@rashtreeya	53	BSC	II Tr/ IV SEM	FEMALE	866
R1918615	Pooja	Mohan	Kanakkur	2002-03-12	pooja@kanakku	54	BSC	II Tr/ IV SEM	FEMALE	4567
R1918616	Naveed	Abdullah	Vijayanagar	2001-10-16	naveed@vijayanagar	55	BSC	II Tr/ IV SEM	MALE	876

**Status Update**  
Data Inserted Successfully!  
OK

## REGISTRATION

**WELCOME TO DEPARTMENT OF COMPUTER SCIENCE**

**INFRASTRUCTURE**

- Spacious classrooms with ICT facility
- Well stocked library with e-resources
- Well equipped Science laboratories
- Functional Business Laboratory
- Digital Language Laboratory
- State of the Art Auditorium
- Hygienic Canteen

**OUR RECOGNITION**

National Assessment and Accreditation Council (NAAC) has awarded 'A' grade to SJRW with a CGPA of 3.09 on a 4-point scale. SJRW is affiliated with the Bangalore City University and is recognized by the UGC under Section 2(f) and Section 12(B) in the year 2002. From the academic year 2012 the college is affiliated with Bangalore City University. This has contributed to the quality enhancement of all the operations of the college.

**SJR COLLEGE FOR WOMEN**  
1/D, 5th C Cross, IV 'M' Block, Gopalapura, Rajajinagar, Bengaluru, Karnataka 560010.

Tel: (+91) 80 2338 1734  
Fax: (+91) 80 2338 1734  
Email: sjrwomenscollege@gmail.com

## STUDENT

## FACULTY

Registration

## FACULTY REGISTRATION FORM

**FACULTY ID**

**NAME**

**DEPARTMENT**

**DATE OF JOINING**

**MOBILE NO.**

**QUALIFICATION**

**EMAIL**

**DESIGNATION**

**Gender** ☒ MALE ☐ FEMALE

**ADD**

**RESET**

**UPDATE**

**DELETE**

**PRINT**

**EXIT**

**NEXT**

**SEARCH**

id	fname	lname	dept	dob	mob	qual	email	design	gender
23	Jina priya		Computer Science	2016-11-30	987654321	MCA	jina@gmail.com	Assistant Professor	FEMALE
24	Ashok		Kannada	2016-07-13	989876543	PHD	ashok@gmail.com	Professor	MALE

Data Updated Successfully!

OK

## ACTIVITY

Activity

## EVENTS

**REGISTER NO.**

**NAME**

**COLLEGE NAME**

**EVENT NAME**

**EVENT DESCRIPTION**

**ORGANISER**

**DATE**

**TYPE**

**ADD**

**RESET**

**DELETE**

**UPDATE**

**PRINT**

**EXIT**

**NEXT**

**SEARCH**

Register No.	Name	College	Event	Drop	Org	Date	Type
R1918616	Nawaz	KLE COLLEGE	HOOD INTERV	13/01/2022	Computer Science	2022-01-30	Solo

Data Inserted Successfully!

OK

Activities



## AWARDS

**AWARDS / RECOGNITION**

**REGISTER NO.** R1918614 **COLLEGE NAME** SJR COLLEGE FOR WOMEN

**NAME** Sujitha **DATE** 2018-06-15

**TYPE** STUDENT **GENDER** Male Female

**EVENT NAME** Chess **PRIZE** RUNNERS

**ORGANIZATION** Sports

**SEARCH** [ ]

**ADD** **RESET** **UPDATE** **DELETE** **PRINT** **EXIT**

**UPLOAD**

Status Update  
Data Inserted Successfully!

Regno	Name	Type	Eventname	Organization	College	Date	Gender	Prize	cat
R1918615	pooja	STUDE...	Mad Ada	Comput...	SJR CO...	2019-08-20	Female	3rd PRI...	C:

## PAPER PUBLICATION:

**PAPER PUBLICATION**

**PID.** 12 **ISBN / ISSN NO.** 342 **ADD**

**PUBLICATION BY** STAFF **TYPE OF CONFERENCE** NATIONAL **RESET**

**NAME OF THE PAPER** VISION INDIA **PRESENTED BY** jina pri **UPDATE**

**ORGANIZATION** SJRCW **GENDER** MALE ☒ FEMALE **DELETE**

**DATE OF PUB.** 2022-02-16 **FILE UPLOADED SUCCESSFULLY** **PRINT**

**SEARCH**  **BROWSE** **UPLOAD** **EXIT**

Pid	Pub	Name	Org	Iss	Conference	Presented by	gender	File
12	STUDENT	VISION INDIA	SJRCW	342	NATIONAL	jina pri	FEMALE	ktop13rd sem results.pdf

## ABOUT PROJECT:

**AUTOMIZATION OF COMPUTER SCIENCE DEPARTMENT**

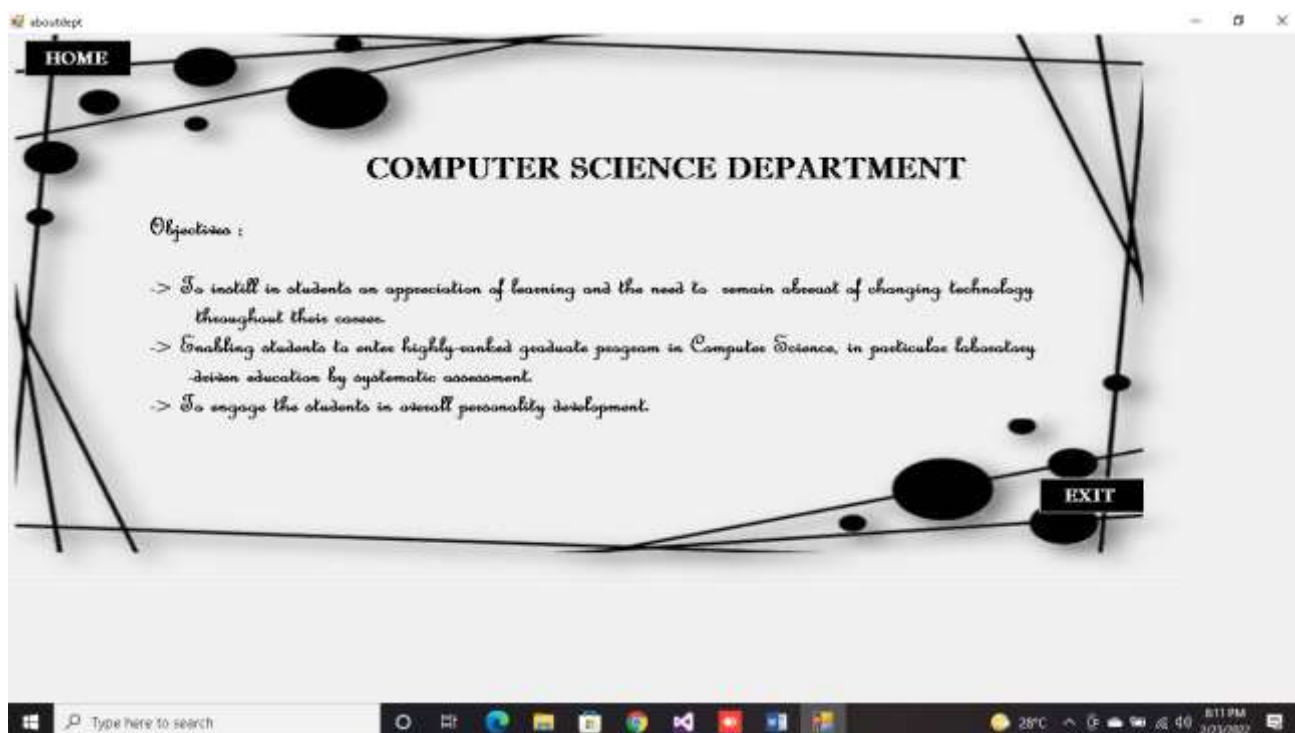
Automization of Computer Science provides a simple interface for maintenance of student and faculty information. It deals with Educational Institutes or Colleges to maintain the records of student and faculty easily. The up-to-date information regarding the students academic courses is critically important in the university as well as colleges.

Student information system deals with all kind of student details, academic related reports, courses, curriculum, batch details, placement details, recognition, paper publications and other resource related details too. It also contains faculty details, subject handling details, workshop details, paper publications, minutes-of-meetings details, Time table details, the various academic notifications to the staff and students updated by the University administration. It also facilitates us explore all the activities happening in the college, different reports and Queries can be generated based on user options related to students, batch, courses, faculty, semester, certification and even for the online college.

The purpose is to automate the existing management system by the help of computerized equipment and full-fledged computer system, fulfilling the requirements, so that the valuable data or information can be stored for a longer time with easy accessing and manipulating. The main aim of this project is to replace the current paper records virtually. Staff will be able to access directly all the aspects of a student's academic progress through a secure, online interface embedded using this Application.

**EXIT**

## ABOUT DEPARTMENT:



## BCA:

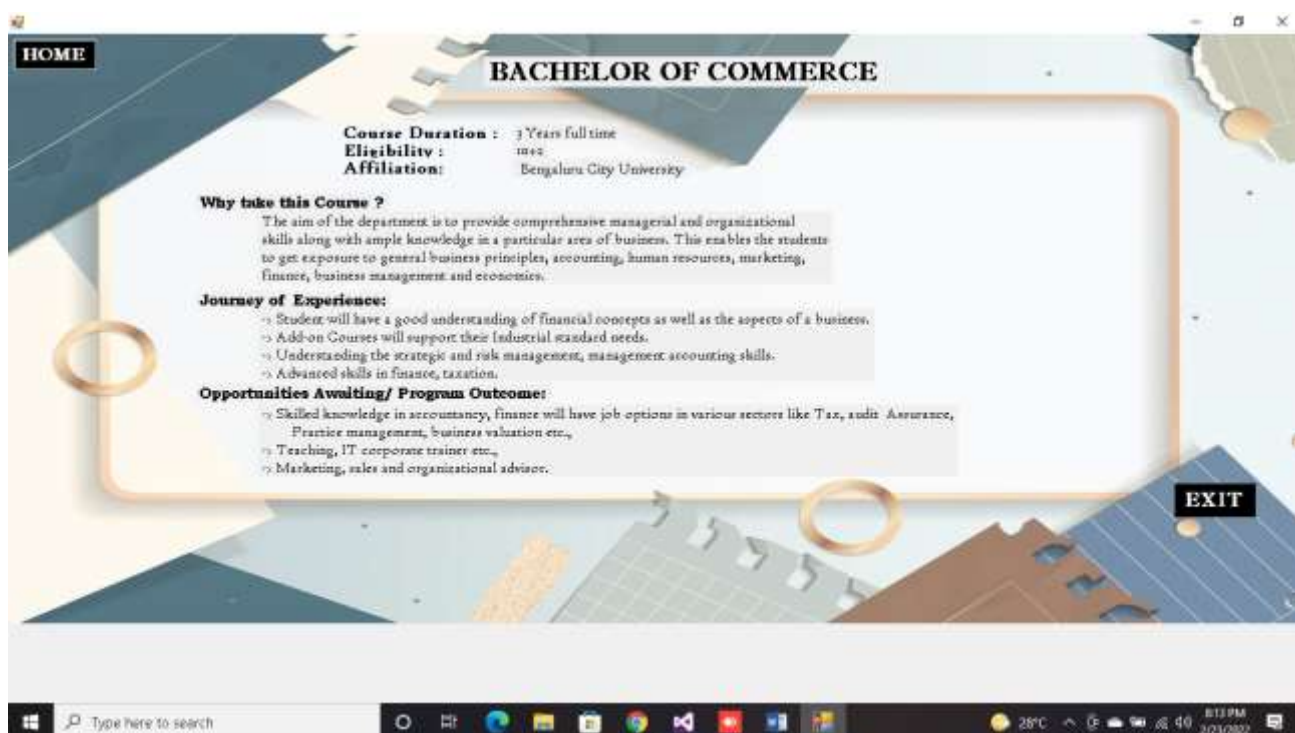


## BBA:





## BCOM



## BSC



## MINUTES OF MEETING:



## NAAC



**NAAC REPORT**

ACADEMIC YEAR: 2021-2022

NAAC REPORT: C:\Users\Dell\OneDrive\...

SEARCH:

Status Update  
Data Inserted Successfully!  
OK

Academic	File
2020-2021	C:\Users\Dell\OneDrive\...
2020-2021	C:\Users\Dell\OneDrive\...
2022-2024	C:\Users\Dell\OneDrive\...
2017-2018	C:\Users\Dell\OneDrive\...

Buttons: ADD, RESET, UPDATE, DELETE, PRINT, EXIT

## PAPER PUBLICATION:

**PAPER PUBLICATION**

PID.: 12

PUBLICATION BY: STUDENT

NAME OF THE PAPER: IoT

ORGANIZATION: SJRCW

DATE OF PUB.: 2022-02-16

ISBN / ISSN NO.: 3422

TYPE OF CONFERENCE: NATIONAL

PRESENTED BY: FATHIMA

GENDER: MALE

File: C:\Users\Dell\OneDrive\... \ppt\SUMREEN BANU.docx

Status Update  
Data Updated Successfully!  
OK

Buttons: ADD, RESET, UPDATE, DELETE, PRINT, EXIT

PID.	Pub	Name	Org	Age	ISBN	Conference	Presentations	gender	File
12	STUDENT	Fathima	SJRCW	2022-02-16	3422	NATIONAL	IoT	FEMALE	C:\Users\Dell\OneDrive\... \ppt\SUMREEN BANU.docx

## PLACEMENTS:

**HOME** **PLACEMENT**

**ID** 12 **EMPLOYEE ID** 1203a **ADD**

**NAME** pooja **GENDER** MALE FEMALE **RESET**

**COMPANY** WIPRO **OFFER LETTER** C:\Users\Del\OneDrive\Deskt **BROWSE** **UPLOAD** **DELETE**

**DESIGNATION** ENGINEER **UPDATE**

**SEARCH**  **PRINT**

**EXIT**

File Uploaded Successfully

ID	Name	Company	Designation	Emp	Gender
12	pooja	Wipro	Engineer	1203a	FEMALE

## WORKSHOP ATTENDED

**PREV** **FDP/CONFERENCE/WORKSHOP/WEBINAR/SDP**  
**ATTENDED BY STAFF/STUDENTS**

**NAME** NASRATH **TYPE** STUDENT **ADD**

**TOPIC** Artificial Intelligence **CATEGORY** WEBINAR **RESET**

**RESOURCE PERSON** Swathi **CERTIFICATE** C:\Users\Del\OneDrive\Deskt **BROWSE** **UPLOAD** **UPDATE**

**ORGANISER** NATIONAL **DATE** 2022-02-09 **DELETE**

**SEARCH**  **PRINT**

**EXIT**

Status Update  
Data Updated Successfully

Name	Topic	Resource Person	Organization	Date	Type	Category	File
Nasrath	Artificial Intelligence	Swathi	NATIONAL	2022-02-09	STUDENT	WEBINAR	C:\Users\Del\OneDrive\Deskt

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# **CHAPTER – 6**

# **CONCLUSION**

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## CONCLUSION:

The “AUTOMIZATION OF COMPUTER SCIENCE DEPARTMENT” has been developed to overcome the problems faced by the existing system. The developed system was found to work out the operations efficiently. Objective of the system has been achieved easily track the information of students and faculty. The main goal of the software is to build a good management tool for the organization. The main purpose of this software is to reduce the time taken through manual system order to maintain all the record.

### The Goals That Have Achieved Are:

- Ensuring process time and increasing throughput.
- Simplifies the operation.
- Avoids manual work.
- Reduced data redundancy and inconsistency.
- User friendly input screen to enter data.

A consistent and efficient system has been successfully developed using Visual Basic.Net and MYSQL in windows 10. The system is very flexible and user friendly so that further changes can be incorporated into the system easily.

## References:

Visual Basic.Net Programming **BLACK BOOK** (Steven Holzner)

DBMS author (Srikanth)