

EX.NO:02

DATE:

EXAM REGISTRATION SYSTEM

1. PROBLEM STATEMENT

To create an Exam registration software that will meet the needs of the applicant and help them in registering for the exam ,enquiry about the registered subject ,modification in database and cancellation for the registered project.

2. OVERALL DESCRIPTION

The Exam Registration System is an integrated system that has four modules as part of it.the four modules are

Registration for the exam

In this module, the user can select the subject to register for the exam, Enquiry about the registered subject, Modification in the student database, canceling the registered subject

Form for Registration

In this module the user can apply for the exam by giving the details about the candidate and selecting the subject for the registration.

Modification in the Database

In this module the user can change the data's like the phone number, address can be done.

Cancellation for the registered subject

In this module the user can cancel their name which is registered for the exam.

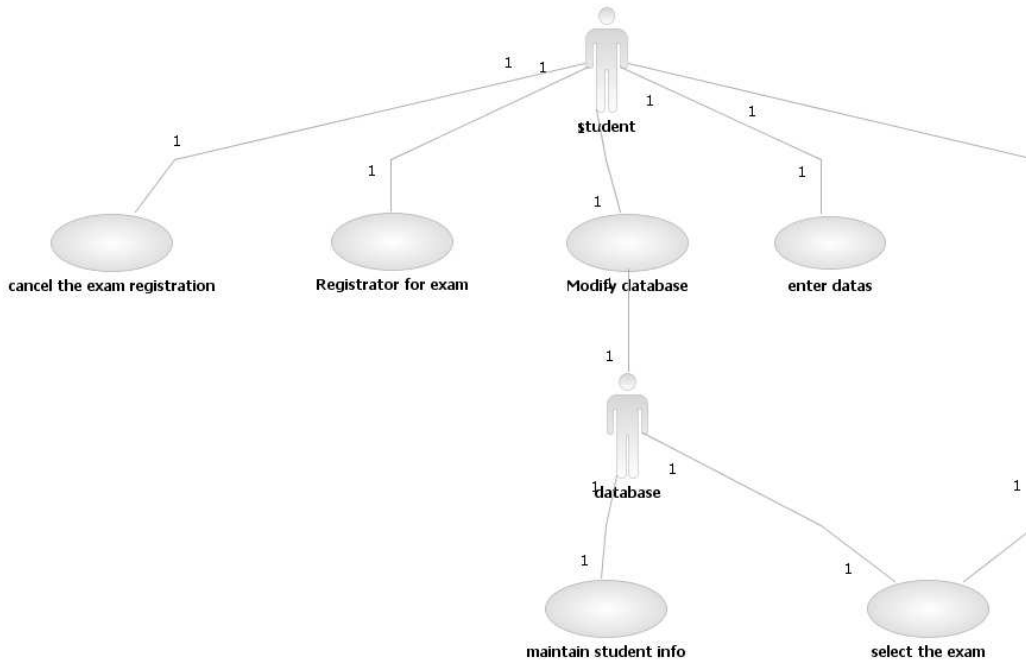
SOFTWARE REQUIRMENTS

1. Microsoft Visual Basic 6.0
2. Rational Rose
3. Microsoft Access

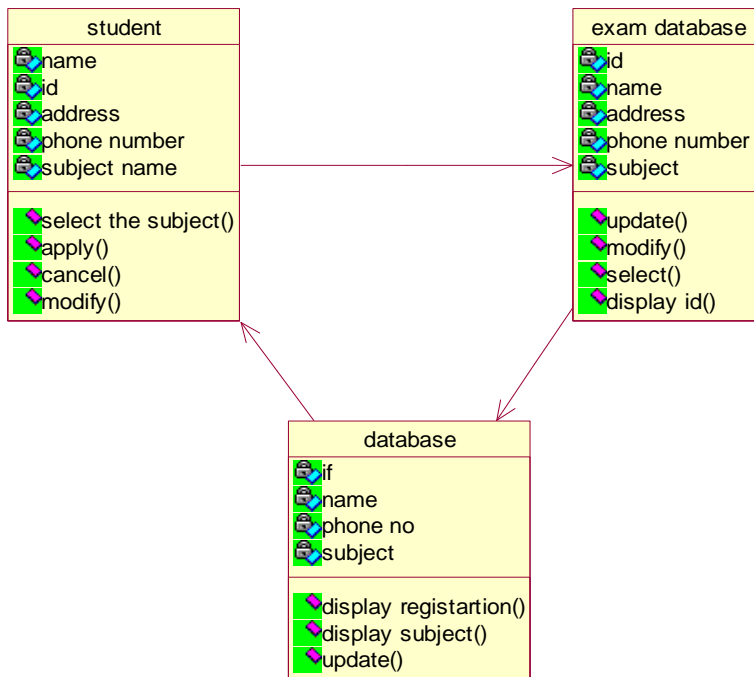
HARDWARE REQUIRMENTS

1. 128MB RAM
2. Pentium III Processor

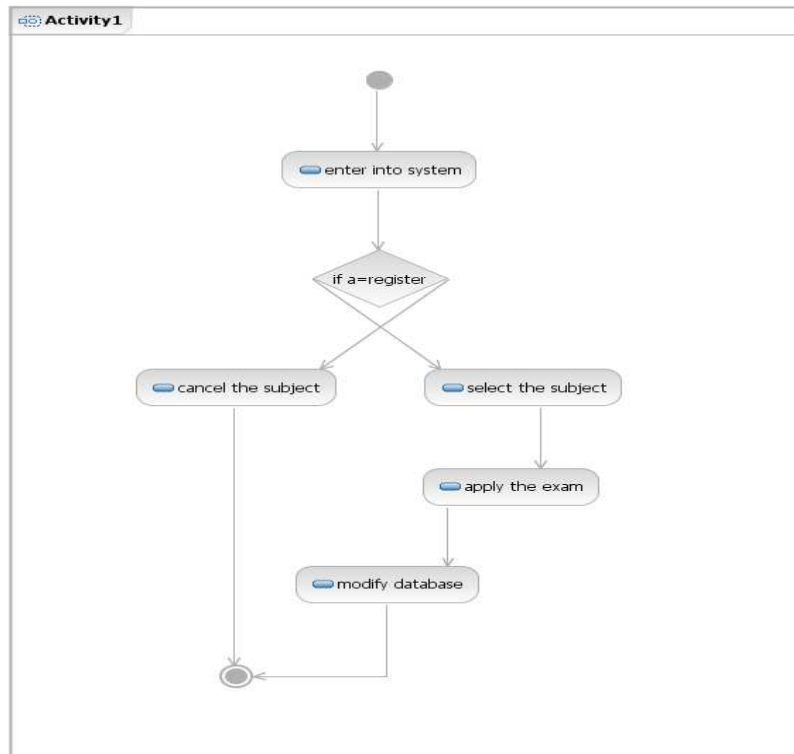
USE CASE:



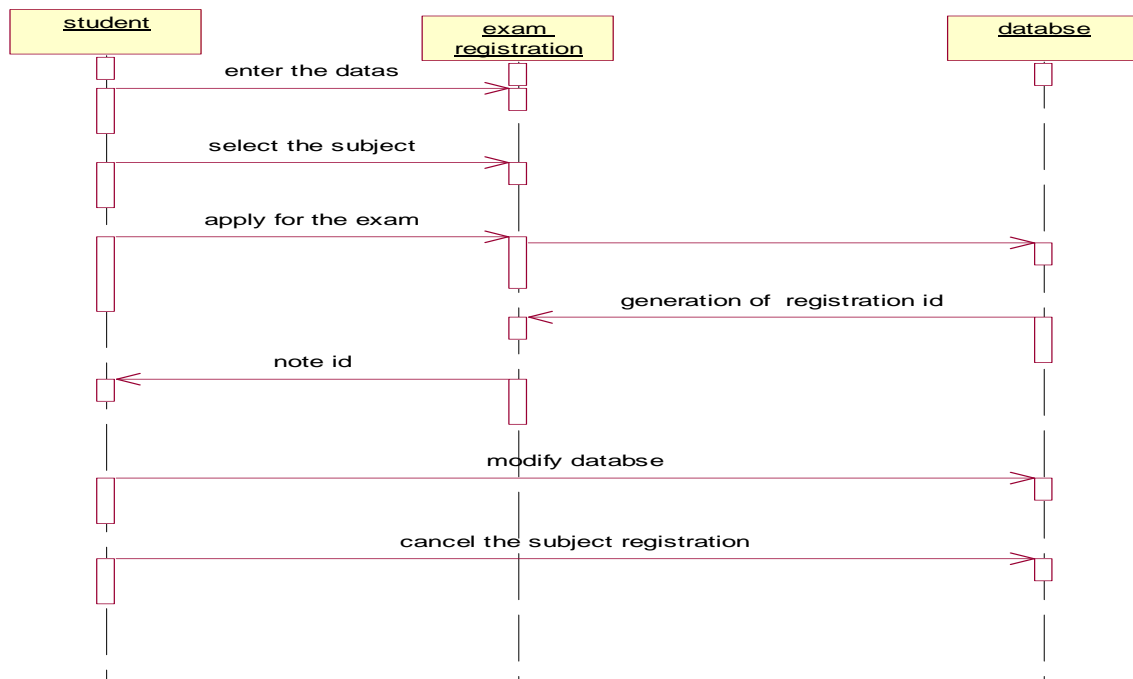
CLASS DIAGRAM:



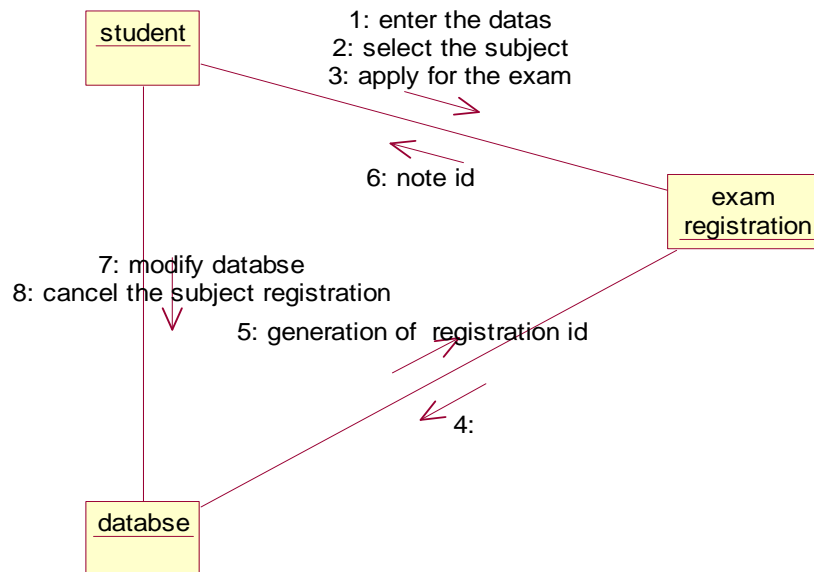
ACTIVITY DIAGRAM:



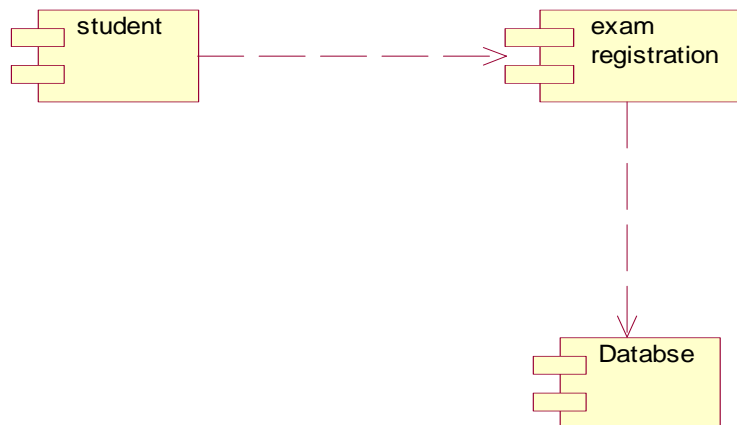
SEQUENCE DIAGRAM:



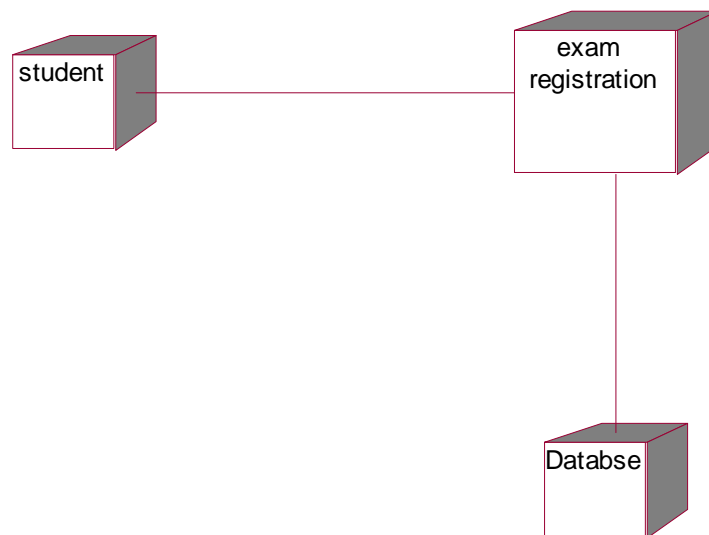
COLLABRATION DIAGRAM:



COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM:



CODING:

Registration form:

```
Dim cn As ADODB.Connection
```

```
Dim rs As ADODB.Recordset
```

```
Dim s As String
```

```
Private Sub Command1_Click()
```

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

```
MsgBox "blank record not possible"
```

```
Else
```

```
s = "insert into student values('" & Text1.Text & "','" & Text2.Text & "','" & Text3.Text & "','" &  
Combo3.Text & "','" & Text5.Text & "','" & Text4.Text & "','" & Combo2.Text & "','" &  
Combo1.Text & "')
```

```
cn.Execute (s)
```

```
MsgBox "Registered"
```

```
MsgBox "All the Best for your Exams"
```

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

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

```
Text3.Text = ""
```

```
Combo3.Text = ""
```

```
Text5.Text = ""
```

```
Text4.Text = ""
```

```
Combo2.Text = ""
```

```
Combo1.Text = ""
```

```
End If
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
Form2.Show
```

```
Form5.Hide
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
Set cn = New ADODB.Connection
```

```
cn.Open ("Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True")
```

```
Set rs = New ADODB.Recordset
```

```
rs.Open "select * from student", cn, adOpenKeyset, adLockOptimistic
```

```
Combo1.AddItem "B.E Computer Science & Engineering"
```

```
Combo1.AddItem "B.E Electrical & Electronic Engineering"
```

```
Combo1.AddItem "B.E Information Technology"
```

```
Combo1.AddItem "B.E Electronic & Communication Engineering"  
Combo1.AddItem "B.E Civil Engineering"  
Combo1.AddItem "B.E Mechanical Engineering"  
Combo1.AddItem "MBA "  
Combo1.AddItem "MCA "  
Combo2.AddItem "UG"  
Combo2.AddItem "PG"
```

```
Combo3.AddItem "Male"  
Combo3.AddItem "Female"  
End Sub
```

```
Private Sub home_Click()  
Form2.Show  
Form5.Hide  
End Sub
```

```
Private Sub refresh_Click()  
Form5.refresh  
End Sub
```

```
Private Sub report_Click()  
DataReport1.Show  
Form5.Hide  
End Sub
```

```
Private Sub studentdetails_Click()  
Form12.Show  
Form5.Hide  
End Sub
```

Enquiry form

```
Dim cn As ADODB.Connection  
Dim rs As ADODB.Recordset  
Dim s As String
```

```
Private Sub Add_Click()  
If (Text1.Text = "") Then  
MsgBox "Blank record not possible"  
Else
```



```
s = "insert into student values('" & Text1.Text & "','" & Text2.Text & "','" & Text3.Text & "','" &
Combo3.Text & "','" & Text5.Text & "','" & Text4.Text & "','" & Combo2.Text & "','" &
Combo1.Text & "')"
cn.Execute (s)
MsgBox "Registered"
MsgBox "All the Best for your Exams"
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Combo3.Text = ""
Text5.Text = ""
Text4.Text = ""
Combo2.Text = ""
Combo1.Text = ""
End If
End Sub
```

```
Private Sub Clear_Click()
```

```
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Combo3.Text = ""
Text5.Text = ""
Text4.Text = ""
Combo2.Text = ""
Combo1.Text = ""
End Sub
```

```
Private Sub Delete_Click()
```

```
s = "delete from student where Register_no='" & Text1.Text & "'"
cn.Execute (s)
MsgBox "one record deleted"
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Combo3.Text = ""
Text5.Text = ""
Text4.Text = ""
Combo2.Text = ""
Combo1.Text = ""
End Sub
```

```
Private Sub exit_Click()  
Form2.Show  
Form6.Hide  
End Sub
```

```
Private Sub First_Click()  
rs.MoveFirst  
Text1.Text = rs.Fields(0)  
Text2.Text = rs.Fields(1)  
Text3.Text = rs.Fields(2)  
Combo3.Text = rs.Fields(3)  
Text5.Text = rs.Fields(4)  
Text4.Text = rs.Fields(5)  
Combo2.Text = rs.Fields(6)  
Combo1.Text = rs.Fields(7)  
End Sub
```

```
Private Sub Form_Load()  
Set cn = New ADODB.Connection  
cn.Open ("Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True")  
Set rs = New ADODB.Recordset  
rs.Open "select * from student", cn, adOpenKeyset, adLockOptimistic  
Combo1.AddItem "B.E Computer Science & Engineering"  
Combo1.AddItem "B.E Electrical & Electronic Engineering"  
Combo1.AddItem "B.E Information Technology"  
Combo1.AddItem "B.E Electronic & Communication Engineering"  
Combo1.AddItem "B.E Civil Engineering"  
Combo1.AddItem "B.E Mechanical Engineering"  
Combo1.AddItem "MBA "  
Combo1.AddItem "MCA "
```

```
Combo2.AddItem "UG"  
Combo2.AddItem "PG"  
Combo3.AddItem "Male"  
Combo3.AddItem "Female"  
End Sub
```

```
Private Sub home_Click()  
Form2.Show  
Form6.Hide  
End Sub
```

```
Private Sub Last_Click()
rs.MoveLast
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
Combo1.Text = rs.Fields(7)
End Sub
```

```
Private Sub Modify_Click()
s = "update student set Name='" & Text2.Text & "', Address='" & Text3.Text & "', Gender='" &
Combo3.Text & "', DOB='" & Text5.Text & "', Phone_no='" & Text4.Text & "', Course='" &
Combo2.Text & "', Department='" & Combo1.Text & "' where Register_no='" & Text1.Text & "'
"
cn.Execute (s)
MsgBox "one record updated"
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Combo3.Text = ""
Text5.Text = ""
Text4.Text = ""
Combo2.Text = ""
Combo1.Text = ""
End Sub
```

```
Private Sub Next_Click()
rs.MoveNext
If (rs.EOF = True) Then
rs.MoveLast
MsgBox "End of the Record"
End If
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
```

```
Combo1.Text = rs.Fields(7)
End Sub
```

```
Private Sub Previous_Click()
rs.MovePrevious
If (rs.BOF = True) Then
rs.MoveFirst
MsgBox "Beginning of the Record"
End If
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
Combo1.Text = rs.Fields(7)
End Sub
```

```
Private Sub refresh_Click()
Form6.refresh
End Sub
```

```
Private Sub report_Click()
DataReport1.Show
Form6.Hide
End Sub
```

```
Private Sub Search_Click()
rs.Close
rs.Open "select * from student where Register_no=" & Text1.Text & """"
On Error GoTo er
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
Combo1.Text = rs.Fields(7)
Exit Sub
er:
```

```
MsgBox "record not found"  
End Sub
```

```
Private Sub studentdetails_Click()  
Form12.Show  
Form6.Hide  
End Sub
```

Modificatio form:

```
Dim cn As ADODB.Connection  
Dim rs As ADODB.Recordset  
Dim s As String
```

```
Private Sub Add_Click()  
If (Text1.Text = "") Then  
MsgBox "Blank record not possible"  
Else  
s = "insert into student values('" & Text1.Text & "','" & Text2.Text & "','" & Text3.Text & "','" &  
Combo3.Text & "','" & Text5.Text & "','" & Text4.Text & "','" & Combo2.Text & "','" &  
Combo1.Text & "')"  
cn.Execute (s)  
MsgBox "Registered"  
MsgBox "All the Best for your Exams"  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
Combo3.Text = ""  
Text5.Text = ""  
Text4.Text = ""  
Combo2.Text = ""  
Combo1.Text = ""  
End If  
End Sub
```

```
Private Sub Clear_Click()  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
Combo3.Text = ""  
Text5.Text = ""  
Text4.Text = ""  
Combo2.Text = ""
```

```
Combo1.Text = ""  
End Sub
```

```
Private Sub Delete_Click()  
s = "delete from student where Register_no=" & Text1.Text & ""  
cn.Execute (s)  
MsgBox "one record deleted"  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
Combo3.Text = ""  
Text5.Text = ""  
Text4.Text = ""  
Combo2.Text = ""  
Combo1.Text = ""  
End Sub
```

```
Private Sub exit_Click()  
Form2.Show  
Form7.Hide  
End Sub
```

```
Private Sub First_Click()  
rs.MoveFirst  
Text1.Text = rs.Fields(0)  
Text2.Text = rs.Fields(1)  
Text3.Text = rs.Fields(2)  
Combo3.Text = rs.Fields(3)  
Text5.Text = rs.Fields(4)  
Text4.Text = rs.Fields(5)  
Combo2.Text = rs.Fields(6)  
Combo1.Text = rs.Fields(7)  
End Sub
```

```
Private Sub Form_Load()  
Set cn = New ADODB.Connection  
cn.Open ("Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True")  
Set rs = New ADODB.Recordset  
rs.Open "select * from student", cn, adOpenKeyset, adLockOptimistic  
Combo1.AddItem "B.E Computer Science & Engineering"  
Combo1.AddItem "B.E Electrical & Electronic Engineering"  
Combo1.AddItem "B.E Information Technology"
```

```
Combo1.AddItem "B.E Electronic & Communication Engineering"  
Combo1.AddItem "B.E Civil Engineering"  
Combo1.AddItem "B.E Mechanical Engineering"  
Combo1.AddItem "MBA"  
Combo1.AddItem "MCA"
```

```
Combo2.AddItem "UG"  
Combo2.AddItem "PG"  
Combo3.AddItem "Male"  
Combo3.AddItem "Female"  
End Sub
```

```
Private Sub home_Click()  
Form2.Show  
Form7.Hide  
End Sub
```

```
Private Sub Last_Click()  
rs.MoveLast  
Text1.Text = rs.Fields(0)  
Text2.Text = rs.Fields(1)  
Text3.Text = rs.Fields(2)  
Combo3.Text = rs.Fields(3)  
Text5.Text = rs.Fields(4)  
Text4.Text = rs.Fields(5)  
Combo2.Text = rs.Fields(6)  
Combo1.Text = rs.Fields(7)  
End Sub
```

```
Private Sub Modify_Click()  
s = "update student set Name=" & Text2.Text & ", Address=" & Text3.Text & ", Gender=" &  
Combo3.Text & ", DOB=" & Text5.Text & ", Phone_no=" & Text4.Text & ", Course=" &  
Combo2.Text & ", Department=" & Combo1.Text & " where Register_no=" & Text1.Text & "  
"  
cn.Execute (s)  
MsgBox "one record updated"  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
Combo3.Text = ""  
Text5.Text = ""  
Text4.Text = ""
```

```
Combo2.Text = ""  
Combo1.Text = ""  
End Sub
```

```
Private Sub Next_Click()  
rs.MoveNext  
If (rs.EOF = True) Then  
rs.MoveLast  
MsgBox "End of the Record"  
End If  
Text1.Text = rs.Fields(0)  
Text2.Text = rs.Fields(1)  
Text3.Text = rs.Fields(2)  
Combo3.Text = rs.Fields(3)  
Text5.Text = rs.Fields(4)  
Text4.Text = rs.Fields(5)  
Combo2.Text = rs.Fields(6)  
Combo1.Text = rs.Fields(7)  
End Sub
```

```
Private Sub Previous_Click()  
rs.MovePrevious  
If (rs.BOF = True) Then  
rs.MoveFirst  
MsgBox "Beginning of the Record"  
End If  
Text1.Text = rs.Fields(0)  
Text2.Text = rs.Fields(1)  
Text3.Text = rs.Fields(2)  
Combo3.Text = rs.Fields(3)  
Text5.Text = rs.Fields(4)  
Text4.Text = rs.Fields(5)  
Combo2.Text = rs.Fields(6)  
Combo1.Text = rs.Fields(7)  
End Sub
```

```
Private Sub report_Click()  
DataReport1.Show  
Form7.Hide  
End Sub
```

```
Private Sub Search_Click()
```



```

rs.Close
rs.Open "select * from student where Register_no=" & Text1.Text & ""
On Error GoTo er
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
Combo1.Text = rs.Fields(7)
Exit Sub
er:
MsgBox "record not found"
End Sub

```

```

Private Sub studentdetail_Click()
Form12.Show
Form7.Hide
End Sub

```

Cancellation form:

```

Dim cn As ADODB.Connection
Dim rs As ADODB.Recordset
Dim s As String

```

```

Private Sub Clear_Click()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Combo3.Text = ""
Text5.Text = ""
Text4.Text = ""
Combo2.Text = ""
Combo1.Text = ""
End Sub

```

```

Private Sub Delete_Click()
s = "delete from student where Register_no=" & Text1.Text & ""
cn.Execute (s)
MsgBox "one record deleted"
Text1.Text = ""

```

```
Text2.Text = ""
Text3.Text = ""
Combo3.Text = ""
Text5.Text = ""
Text4.Text = ""
Combo2.Text = ""
Combo1.Text = ""
End Sub
```

```
Private Sub exit_Click()
Form2.Show
Form8.Hide
End Sub
```

```
Private Sub First_Click()
rs.MoveFirst
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
Combo1.Text = rs.Fields(7)
End Sub
```

```
Private Sub Form_Load()
Set cn = New ADODB.Connection
cn.Open ("Provider=MSDAORA.1;Password=tiger;User ID=scott;Persist Security Info=True")
Set rs = New ADODB.Recordset
rs.Open "select * from student", cn, adOpenKeyset, adLockOptimistic
Combo1.AddItem "B.E Computer Science & Engineering"
Combo1.AddItem "B.E Electrical & Electronic Engineering"
Combo1.AddItem "B.E Information Technology"
Combo1.AddItem "B.E Electronic & Communication Engineering"
Combo1.AddItem "B.E Civil Engineering"
Combo1.AddItem "B.E Mechanical Engineering"
Combo1.AddItem "MBA"
Combo1.AddItem "MCA"
Combo2.AddItem "UG"
Combo2.AddItem "PG"
Combo3.AddItem "Male"
```

```
Combo3.AddItem "Female"  
End Sub
```

```
Private Sub home_Click()  
Form2.Show  
Form8.Hide  
End Sub
```

```
Private Sub Last_Click()  
rs.MoveLast  
Text1.Text = rs.Fields(0)  
Text2.Text = rs.Fields(1)  
Text3.Text = rs.Fields(2)  
Combo3.Text = rs.Fields(3)  
Text5.Text = rs.Fields(4)  
Text4.Text = rs.Fields(5)  
Combo2.Text = rs.Fields(6)  
Combo1.Text = rs.Fields(7)  
End Sub
```

```
Private Sub Next_Click()  
rs.MoveNext  
If (rs.EOF = True) Then  
rs.MoveLast  
MsgBox "End of the Record"  
End If  
Text1.Text = rs.Fields(0)  
Text2.Text = rs.Fields(1)  
Text3.Text = rs.Fields(2)  
Combo3.Text = rs.Fields(3)  
Text5.Text = rs.Fields(4)  
Text4.Text = rs.Fields(5)  
Combo2.Text = rs.Fields(6)  
Combo1.Text = rs.Fields(7)  
End Sub
```

```
Private Sub Previous_Click()  
rs.MovePrevious  
If (rs.BOF = True) Then  
rs.MoveFirst  
MsgBox "Beginning of the Record"  
End If
```

```
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
Combo1.Text = rs.Fields(7)
End Sub
```

```
Private Sub refresh_Click()
Form8.Refresh
End Sub
```

```
Private Sub report_Click()
DataReport1.Show
Form8.Hide
End Sub
```

```
Private Sub Search_Click()
rs.Close
rs.Open "select * from student where Register_no=" & Text1.Text & ""
On Error GoTo er
Text1.Text = rs.Fields(0)
Text2.Text = rs.Fields(1)
Text3.Text = rs.Fields(2)
Combo3.Text = rs.Fields(3)
Text5.Text = rs.Fields(4)
Text4.Text = rs.Fields(5)
Combo2.Text = rs.Fields(6)
Combo1.Text = rs.Fields(7)
Exit Sub
er:
MsgBox "record not found"
End Sub
```

```
Private Sub studentdetails_Click()
Form12.Show
Form8.Hide
End Sub
```

SCREENSHOT

FORM 1:

Registration form

Register_no: 11608104032
Name: diwakar
Address: Trivellore
Gender: Male | DOB: 07/01/1991
Phone_no: 9500316817
Course: UG
Department: B.E Computer Science & Engineerin

Ok Cancel

Project1
Registered
OK

start Exam registration Sys... Document1 - Microsof... Project1 - Microsoft V... Form5

FORM 2:

Enquiry form

Register_no: 11608104032
Name: diwakar
Address: Trivellore
Gender: Male | DOB: 07/01/1991
Phone_no: 9500316817
Course: UG
Department: B.E Computer Science & Engineerin

Navigation: |<< << >> >>|

Buttons: Modify Search Delete Clear Add Exit

Project1
one record deleted 991
OK

start Exam registration Sys... Document1 - Microsof... Project1 - Microsoft V... Form6

FORM 3:

Modification form

Register_no

Name

Address

Gender

Phone_no

Course

Department

|<< << >> >>|

Delete Search Modfly Clear Add Exit

29 dec

Project1
one record updated
OK

start Exam registration Sys... Document1 - Microsof... Project1 - Microsoft V... Form7

FORM 4:

Cancellation form

Register_no

Name

Address

Gender

Phone_no

Course

Department

|<< << >> >>|

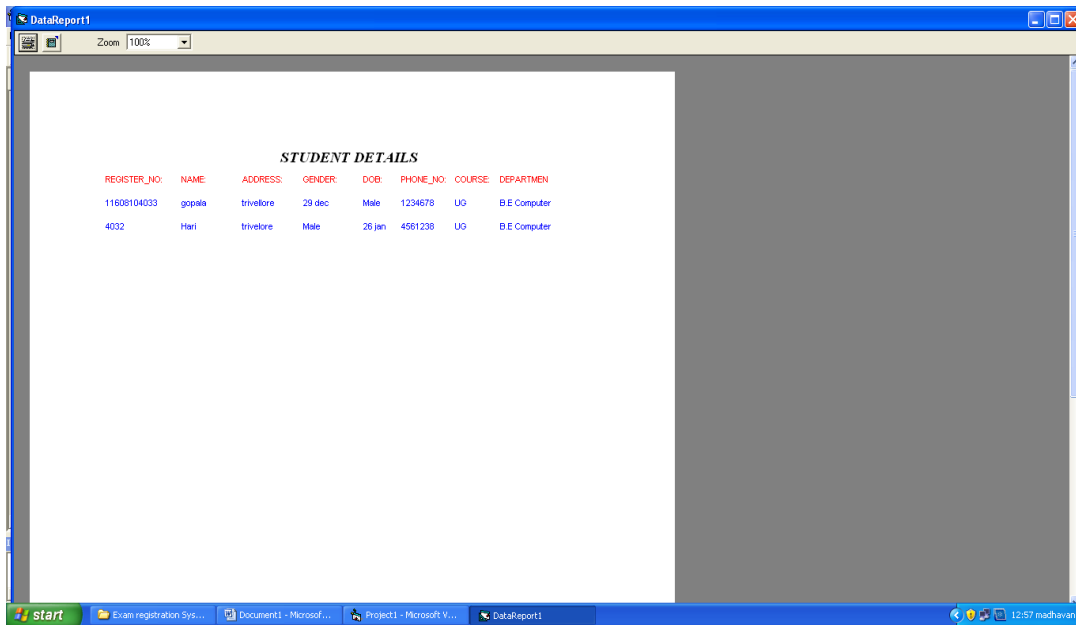
Search Delete Refresh Clear Exit

29 dec

Project1
one record deleted
OK

start Exam registration Sys... Document1 - Microsof... Project1 - Microsoft V... Form8

FORM 5:



The screenshot shows a web browser window with the title 'DataReport1'. The browser's address bar is empty, and the zoom level is set to 100%. The main content area displays a table titled 'STUDENT DETAILS'. The table has the following columns: REGISTER_NO, NAME, ADDRESS, GENDER, DOB, PHONE_NO, COURSE, and DEPARTMEN. There are two rows of data in the table.

REGISTER_NO	NAME	ADDRESS	GENDER	DOB	PHONE_NO	COURSE	DEPARTMEN
11608104033	gopala	trivellore	29 dec	Male	1234678	UG	B.E Computer
4032	Hari	trivellore	Male	26 jan	4561238	UG	B.E Computer

The Windows taskbar at the bottom shows the Start button, several open applications (Exam registration Sys..., Document1 - Microsof..., Project1 - Microsoft Y..., DataReport1), and the system tray with the time 12:57 and the name madhavan.