

EXNO:09

DATE:

ONLINE COURSE RESERVATION

PROBLEM STATEMENT:

A Course Reservation Project is software which is used to manage the seats allocation of the various colleges of various departments for the eligible students. It also gives full access to the students to check the availability of the seats in the colleges according to the category of the community which the students belong to. The student can check for the information of the college, such that the year which the college is started, where the college is situated and the chairman of the college.

This software allows the administrator to allot the seat for the eligible candidates to the group which they wish and the group and college which are available at that time.

5. OVERALL DESCRIPTION

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

Registration for the course

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

13. Microsoft Visual Basic 6.0

14. Rational Rose

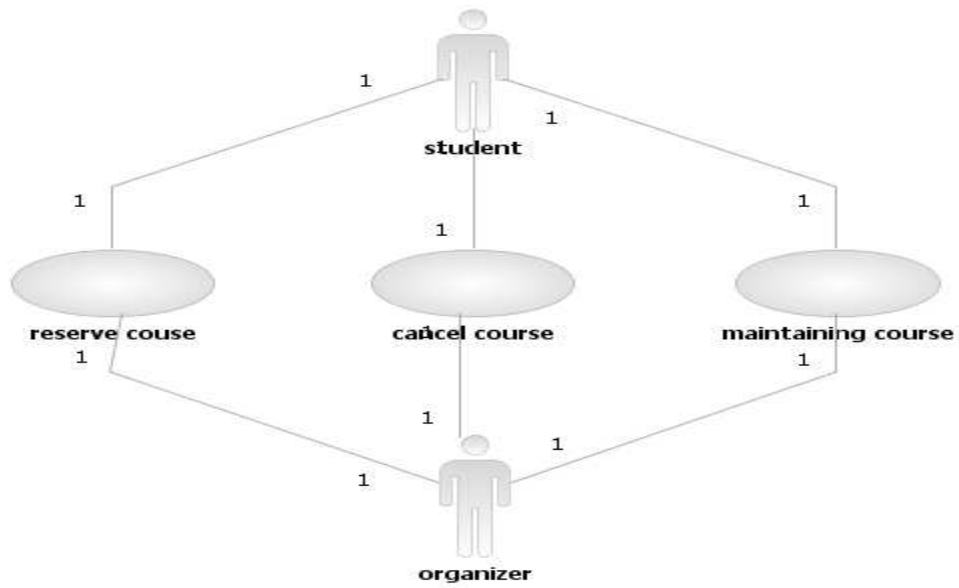
15. Microsoft Access

HARDWARE REQUIRMENTS

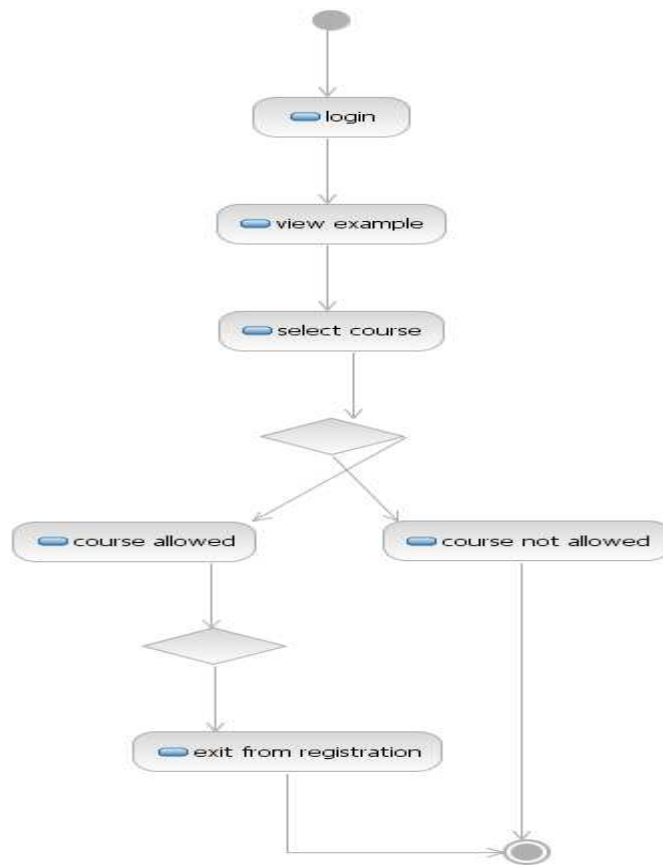
1.128MB RAM

2. Pentium III Processor

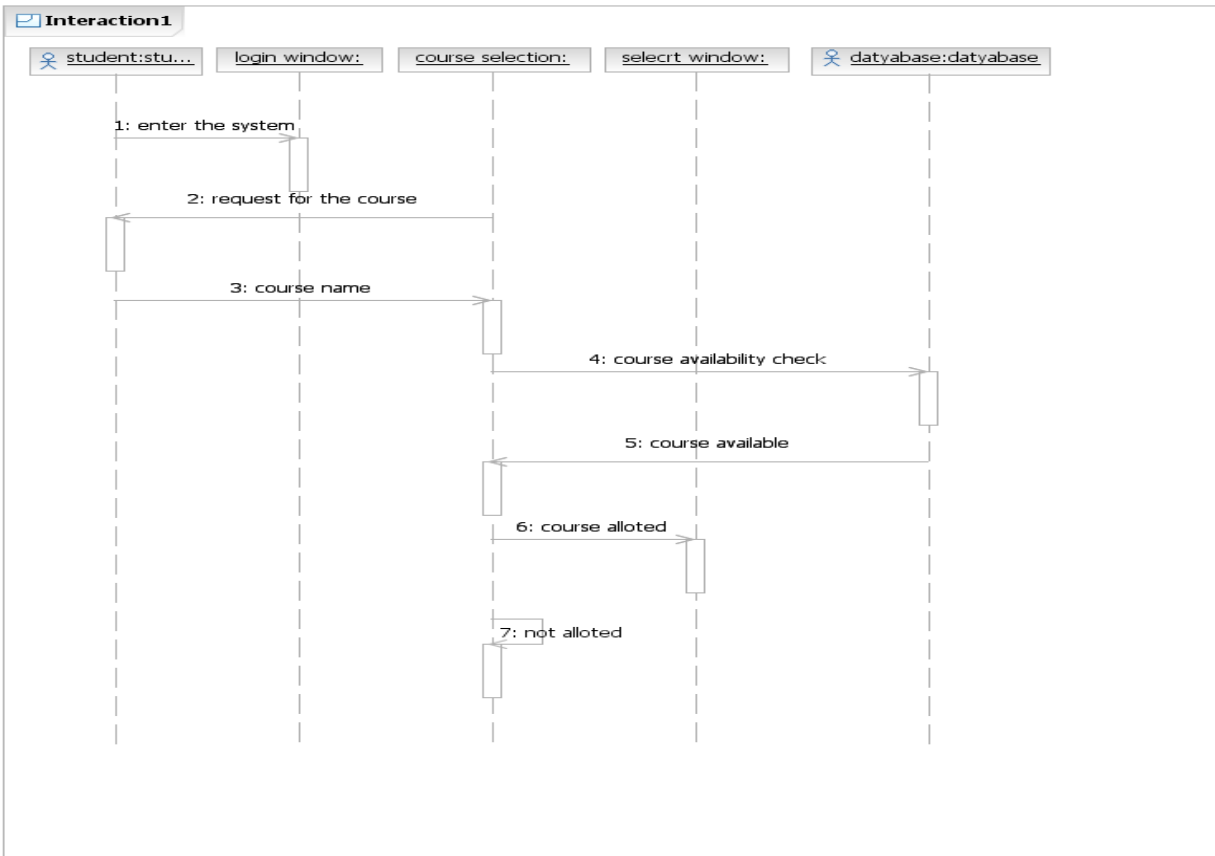
use case diagram:



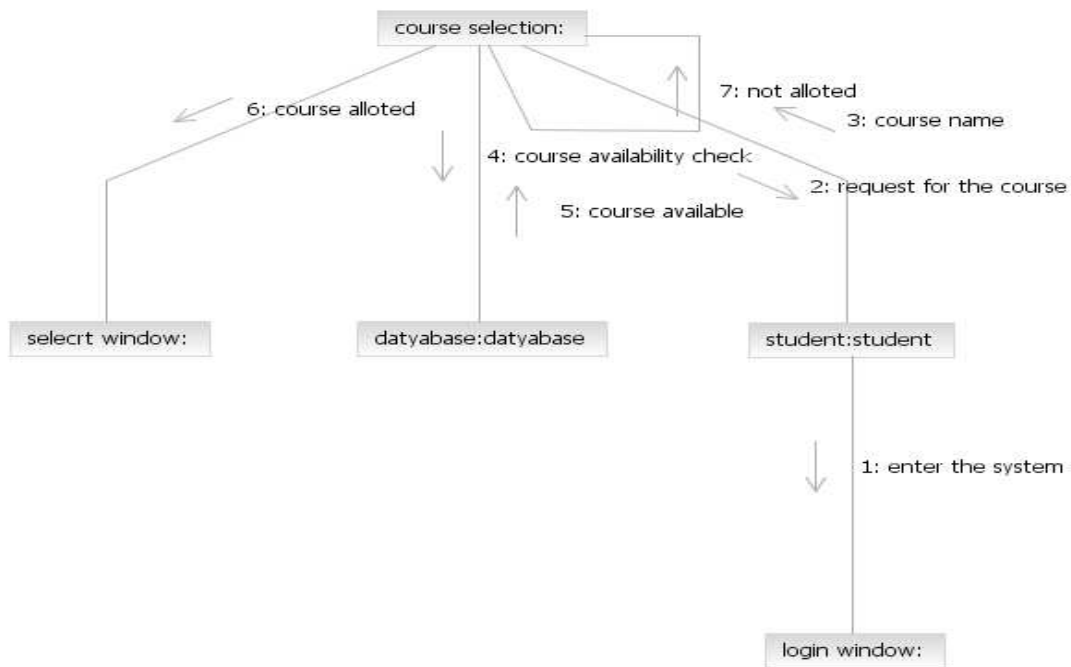
Activity diagram:



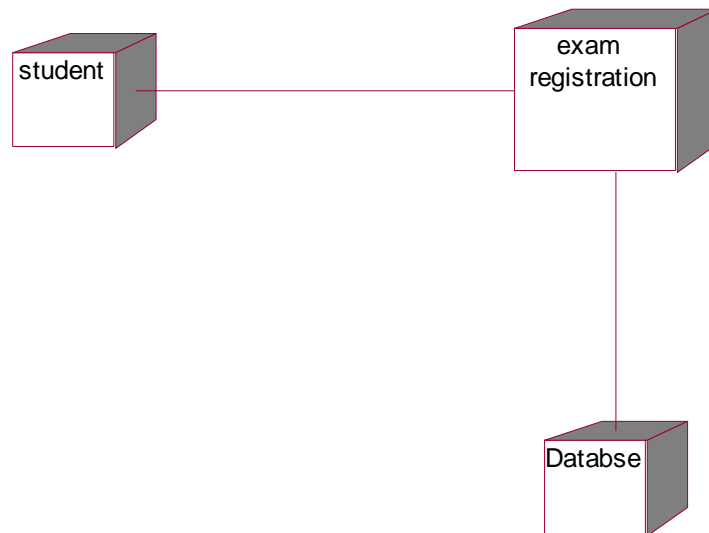
Sequence diagram



Collaboration diagram



DEPLOYMENT DIAGRAM:



CODINGS:

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
```

Modification 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: [Empty]

Phone_no: 9500316817

Course: UG

Department: B.E Computer Science & Engineerin

Buttons: Ok, Cancel

Project1 dialog: Registered, OK

Windows Taskbar: Exam registration Sys..., Document1 - Microsoft..., Project1 - Microsoft V..., Form5

FORM 2:

Modification form

Register_no: 11608104033

Name: gopala krishnan

Address: trivellore

Gender: Male

Phone_no: 1234678

Course: UG

Department: B.E Computer Science & Engineering

Buttons: Delete, Search, Modify, Clear, Add, Exit

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

Project1 dialog: one record updated, 29 dec, OK

Windows Taskbar: Exam registration Sys..., Document1 - Microsoft..., Project1 - Microsoft V..., Form7

FORM 3:

Cancellation form

Register_no: 11608104033
Name: gopala krishnan
Address: trivellore
Gender: 29 dec
Phone_no: 1234678
Course: UG
Department: B.E Computer Science & Engineering

Project1 dialog: one record deleted, OK

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

Action: Search Delete Refresh Clear Exit

FORM 4:

STUDENT DETAILS

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