

NEAR EAST UNIVERSITY

**FACULTY OF ECONOMICS AND
ADMINISTRATIVE SCIENCE**

**DEPARTMENT OF COMPUTER
INFORMATION SYSTEMS**

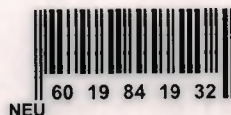
**2005/2006 FALL TERM
CIS 400
(Graduation Project)**

Subject : Dormitory Information System

**Submitted to : COMPUTER INFORMATION SYSTEMS
DEPARTMENT**

**Submitted by : Orcan Cemal
Student No: 940247**

Lefkoşa 2006





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First of all , I would like to thank to Computer Information System Chairman Dr. Yalçın Akçalı and my advisor Miss. Nadire Çavuş accross their aids to me . I think that under the lights of their helps my project became better.

Also , I thank my friends , families and other teachers even they don't contribute to my work directly . Becamee I am thinking that they motivated me through my achievement of my project . They increased my self-confidence too.

ABSTRACTION

My project 's object was prepared to decrease the manual work through the data processing system for a dormitory . Becamee , time has become very important and if relaxes of people to be thought automation of tiring and long time consuming processes for organizations is an enormome technological facility .

Therefore , I meed the visual programs such as Visual Basic and Microsoft Access to increase my project's efficiency and fluency.

INTRODUCTION

I will prepare a dormitory information system project that includes the automation of all manual processes which are made during the execution of a dormitory data processing system . In my project I have 5 main processes to be need .

- 1 – Room Process
- 2 – Student Process
- 3 – Personnel Process
- 4 –Account Process
- 5 –Report Process

Explanation of Main Processes

1. **Room Process :** In my room process , first of all I will add new records that are included in the dormitory building . Thereby , I can make a new reservation for my students who come to stay in my dormitory . Also , I will make update , delete , and search for control of rooms clearly .
2. **Student Process :** In my student process , the individual information of students who decided to stay in dormitory will be added during my student adding process . Also , I can make delete, update and search processes according to my request.I have relations betlen room and student to see the situation clearly. On the other hand , student payment information is recorded either installment or cash. Furthermore , according to special criterias , student lists created.
3. **Personnel Process :** In my personnel process , I wil enter records of my personnel who will work in dormitory permanently or temporarily . In tihs process , I enter the salary information in this process and then tihs salary information which is the part of my expenses will be transferred to the accounting .I will make add , delete , update , general list in this personnel process too.

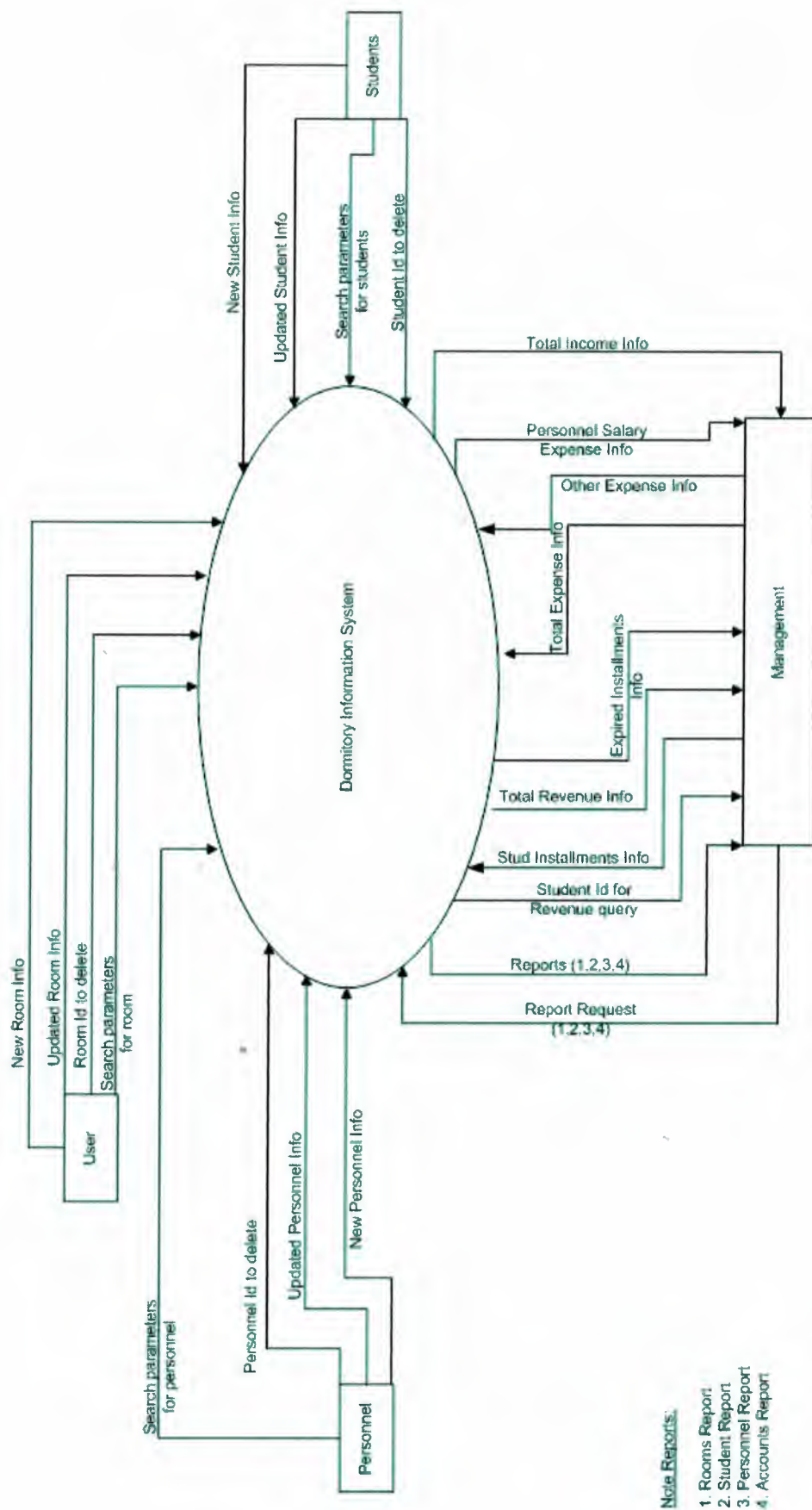
4. **Account Process :** Here , I will split up my account process onto two parts that are expenses and revenue . My revenue information will be transferred from the student database . If the students pay into installment , this field information comes as revenue . Otherwise , Cash payment field will be transmitted from student databases as revenue. In my expense section of account process , salaries that given to employees will also be part of my expense section of account process . This field information is drawn from the personnel database. Other expenses such as utilities (electricity , water , meal etc.) will be entered manually to show my income level for a specific period of time.
5. **Report Process :** In my report process , all of student , personnel , account and room lists will be prepared to my special meer request.

CONCLUSION

Eventually , I think that my project was helpful for the dormitory organization . I worked hard for its conveniency. I hope that I could response their request . Finally , I would like to thank everybody who contributed to me one more time.

Thanks for everything...

CONTEXT Data Flow Diagram



Legend:

- Room Process
- Student Process
- Personnel Process
- Accounts Process
- Reports Process

Room Process (1):

- Search parameters for room:** New Room Info, Room id to delete, Room id to delete.
- Room Data Store:** Updated Room data, New Room Data, Deleted Room Record, Room data to delete, Room data to update, Room data as search result.
- Room Process:** Updated Room Info, New Room Info, Room id to delete, Room id to delete.
- Room Data Store:** Updated Room data, New Room Data, Deleted Room Record, Room data to delete, Room data to update, Room data as search result.
- Room Data Store:** Updated Room data, New Room Data, Deleted Room Record, Room data to delete, Room data to update, Room data as search result.

Student Process (2):

- Search parameters for student:** New Student Info, Student id to delete, Student id to delete.
- Student Data Store:** Updated Student data, New Student Data, Deleted Student Record, Student data to delete, Student data to update, Student data as search result.
- Student Process:** Updated student Info, New Student Info, Student id to delete, Student id to delete.
- Student Data Store:** Updated Student data, New Student Data, Deleted Student Record, Student data to delete, Student data to update, Student data as search result.
- Student Data Store:** Updated Student data, New Student Data, Deleted Student Record, Student data to delete, Student data to update, Student data as search result.

Personnel Process (3):

- Search parameters for Personnel:** New Personnel Info, Personnel id to delete, Personnel id to delete.
- Personnel Data Store:** Updated Personnel data, New Personnel Data, Deleted Personnel Record, Personnel data to delete, Personnel data to update, Personnel data as search result.
- Personnel Process:** Updated Personnel Info, New Personnel Info, Personnel id to delete, Personnel id to delete.
- Personnel Data Store:** Updated Personnel data, New Personnel Data, Deleted Personnel Record, Personnel data to delete, Personnel data to update, Personnel data as search result.
- Personnel Data Store:** Updated Personnel data, New Personnel Data, Deleted Personnel Record, Personnel data to delete, Personnel data to update, Personnel data as search result.

Accounts Process (4):

- Search parameters for Accounts:** New Accounts Info, Accounts id to delete, Accounts id to delete.
- Accounts Data Store:** Updated Accounts data, New Accounts Data, Deleted Accounts Record, Accounts data to delete, Accounts data to update, Accounts data as search result.
- Accounts Process:** Updated Accounts Info, New Accounts Info, Accounts id to delete, Accounts id to delete.
- Accounts Data Store:** Updated Accounts data, New Accounts Data, Deleted Accounts Record, Accounts data to delete, Accounts data to update, Accounts data as search result.
- Accounts Data Store:** Updated Accounts data, New Accounts Data, Deleted Accounts Record, Accounts data to delete, Accounts data to update, Accounts data as search result.

Reports Process (5):

- Search parameters for Reports:** New Reports Info, Reports id to delete, Reports id to delete.
- Reports Data Store:** Updated Reports data, New Reports Data, Deleted Reports Record, Reports data to delete, Reports data to update, Reports data as search result.
- Reports Process:** Updated Reports Info, New Reports Info, Reports id to delete, Reports id to delete.
- Reports Data Store:** Updated Reports data, New Reports Data, Deleted Reports Record, Reports data to delete, Reports data to update, Reports data as search result.
- Reports Data Store:** Updated Reports data, New Reports Data, Deleted Reports Record, Reports data to delete, Reports data to update, Reports data as search result.

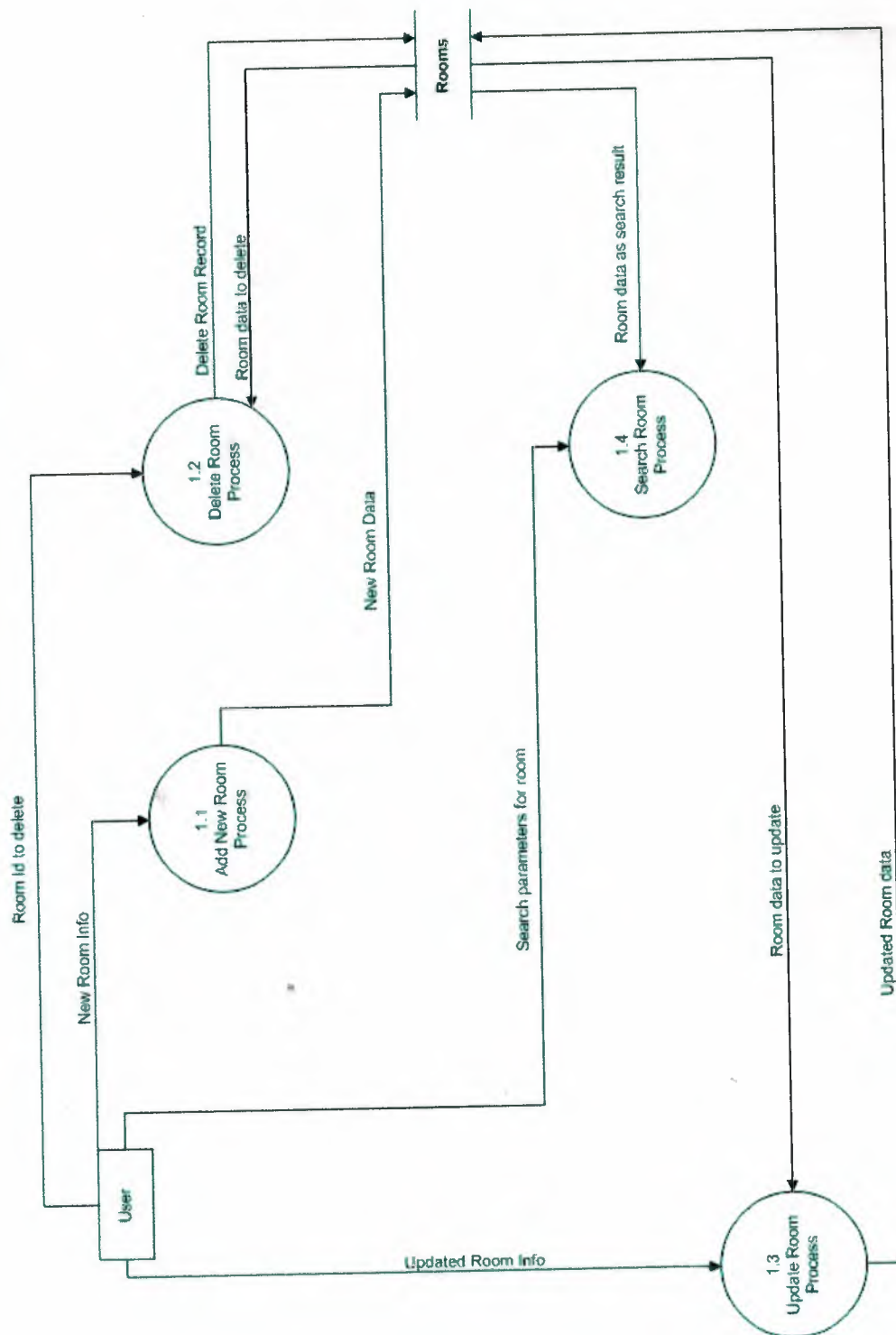
Legend:

- Room Process
- Student Process
- Personnel Process
- Accounts Process
- Reports Process

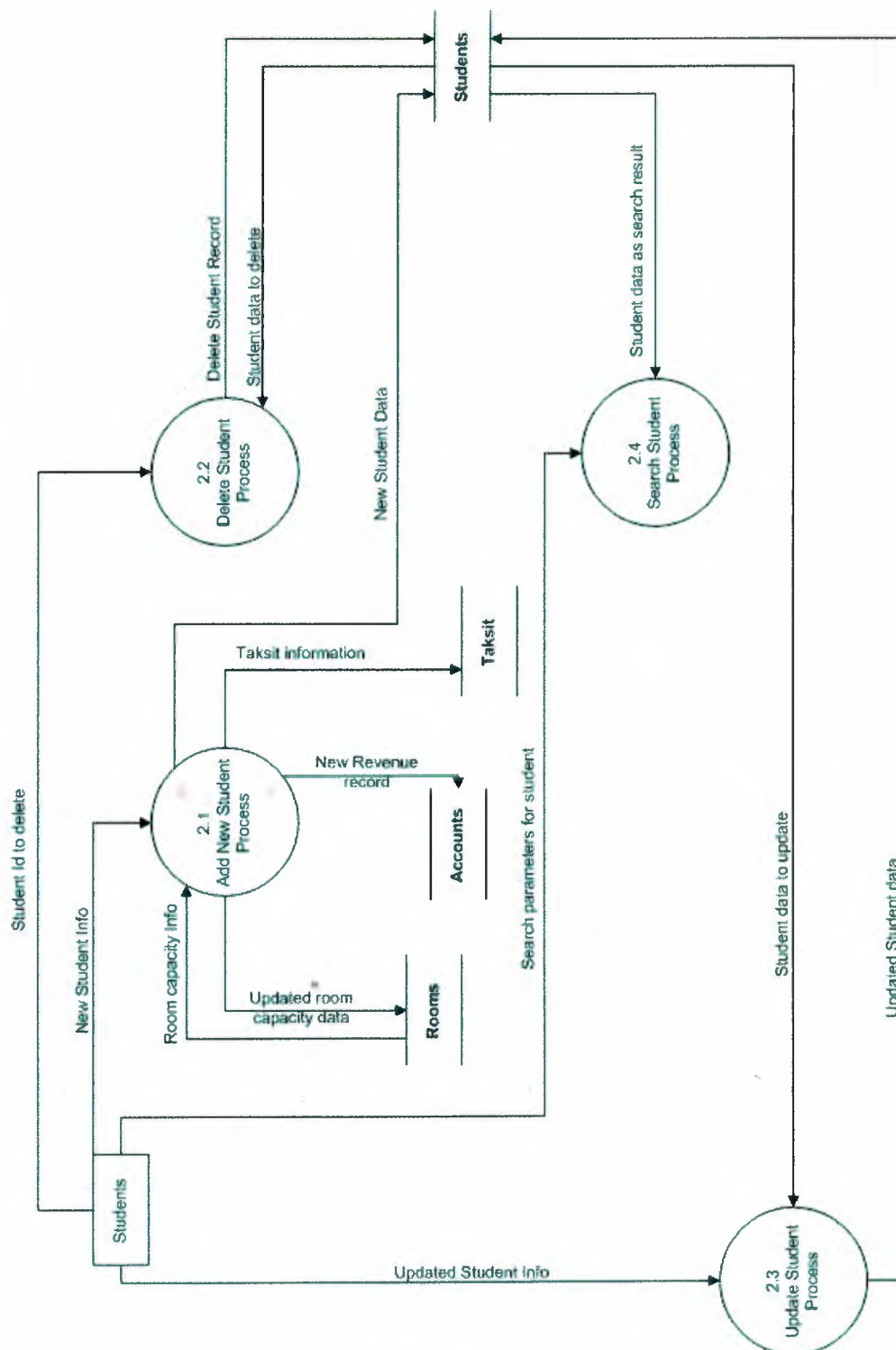
Note Reports:

1. Rooms Report
2. Student Report
3. Personnel Report
4. Accounts Report

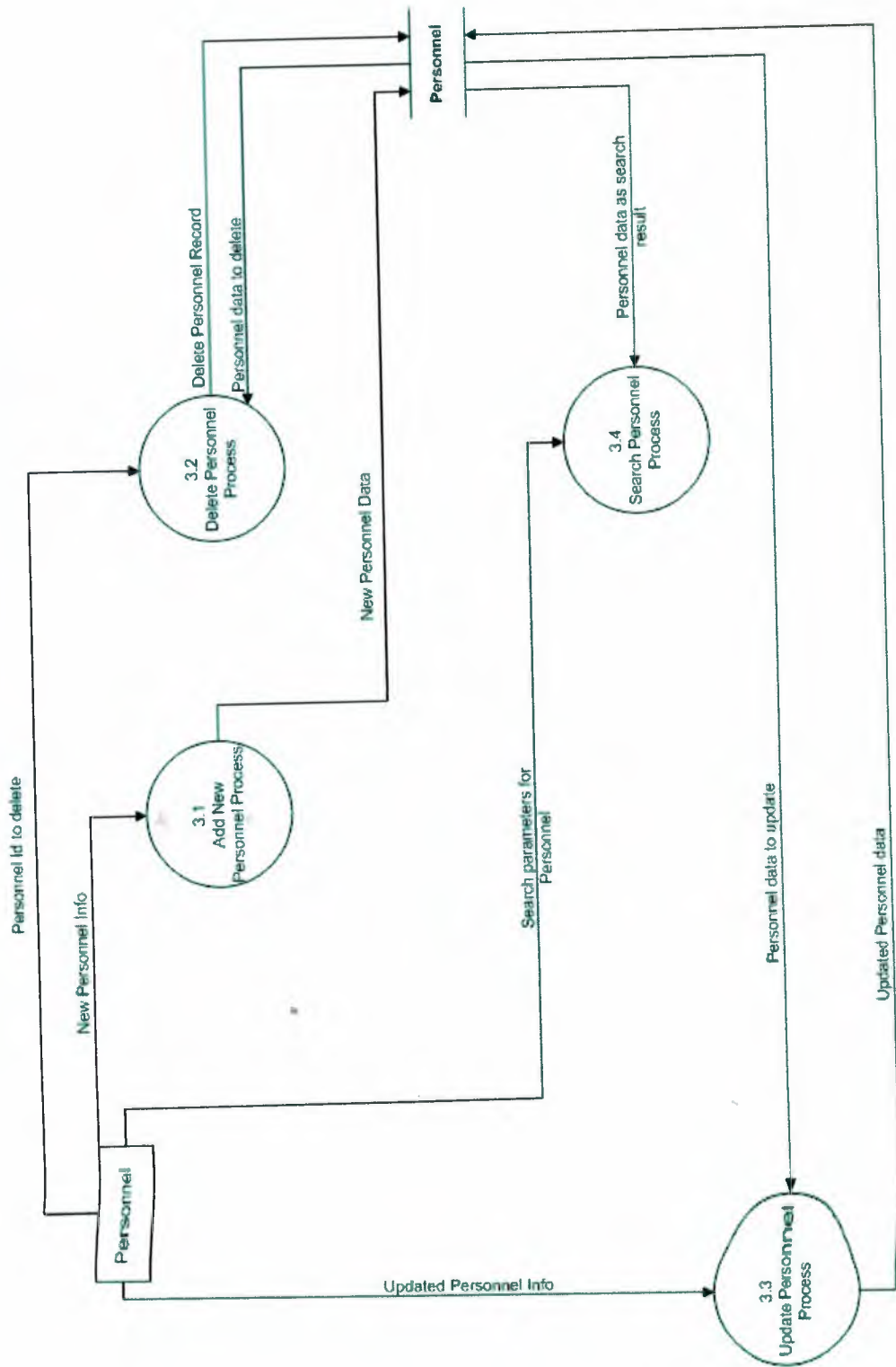
Detaild DFD for Rooms Process



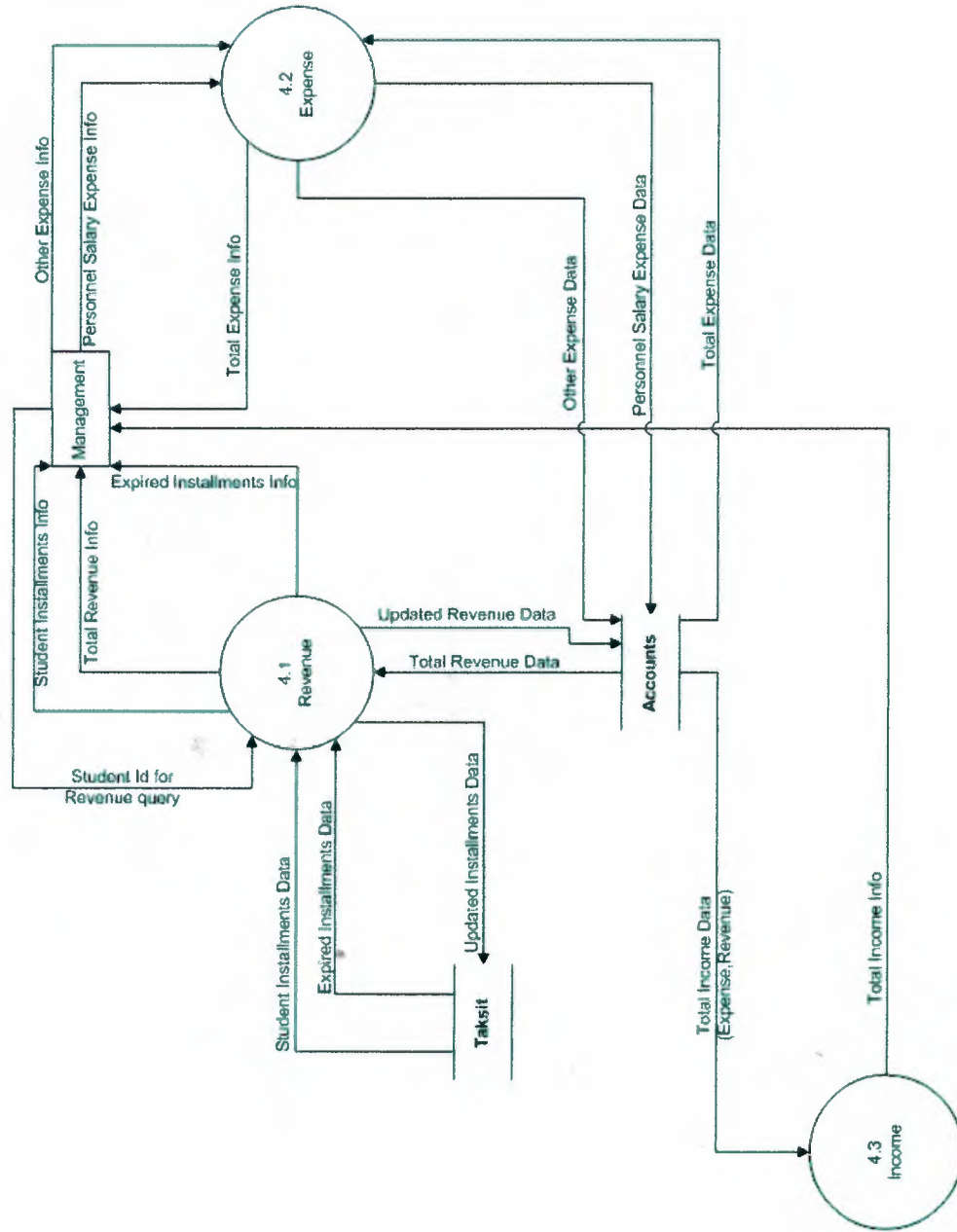
Detaild DFD for Students Process



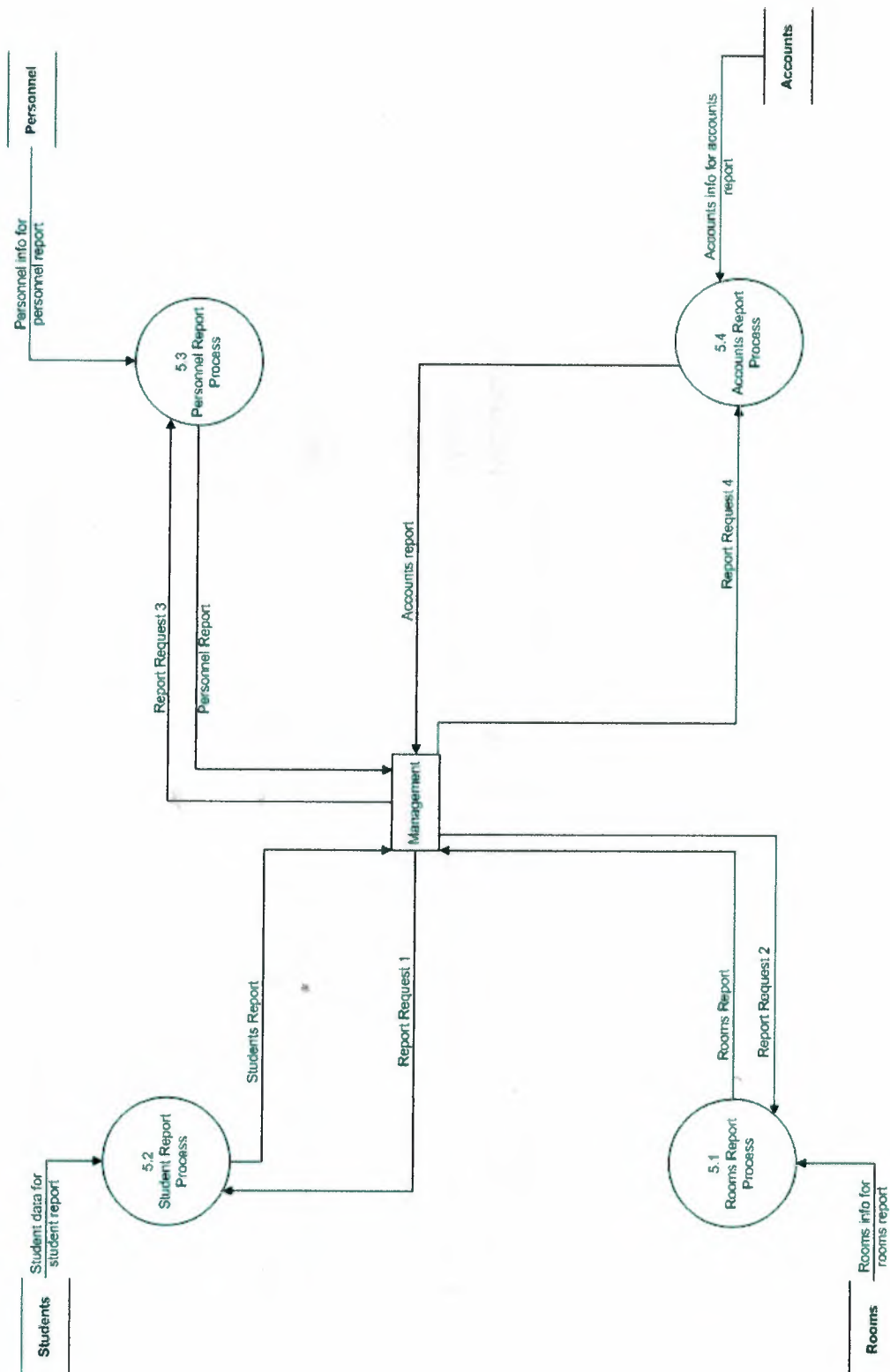
Detaild DFD for Personnel Process



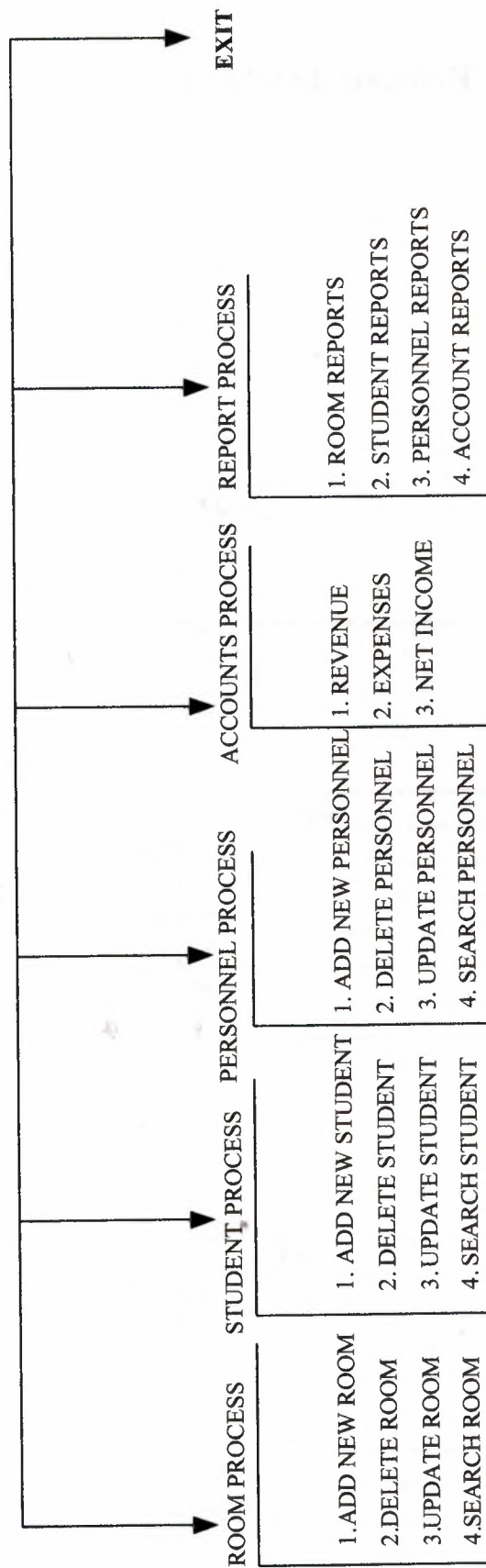
Detaild DFD for Accounts Process



Detaild DFD for Reports Process



SYSTEM BLOCK DIAGRAM OF DORMITORY INFORMATION SYSTEM



DATABASE DESIGN

Employee.mdb

Field Name	Type	Size
Empno	Integer	2
Empname	Text	50
Empsur	Text	50
Ssn	Text	50
Bdate	Date/Time	8
Salary	Long	4
Birdate	Date/Time	8
Adres	Text	50
Phone	Text	8
Cender	Text	15

Room1.mdb

Field Name	Type	Size
Rno	Text	50
Flat	Text	50
Capacity	Integer	2
Rem	Integer	2
Price	Currency	8
Ritems	Text	50

Student.mdb

Field Name	Type	Size
Stdno	Integer	2
Stdname	Text	20
Stdsur	Text	20
Rno	Text	15
Kont	Text	20
Regdate	Date/Time	8
Birthdate	Date/Time	8
Blood	Text	10
Nan	Text	50
Adres	Text	50
Tel	Text	50
Okul	Text	50

Taksit.mdb

Field Name	Type	Size
Stdno	Integer	2
Taksitsay	Integer	2
Taksittar	Date/Time	8
Miktar	Text	50
Kontrol	Text	20
Say	Integer	2

USER MANUAL

In my graduation project, I prepared two programs for the dormitory information system. First one is the package program prepared with using Visual Basic.

MINIMUM REQUIREMENTS:

Pentium II 400Mhz

128 MB Ram

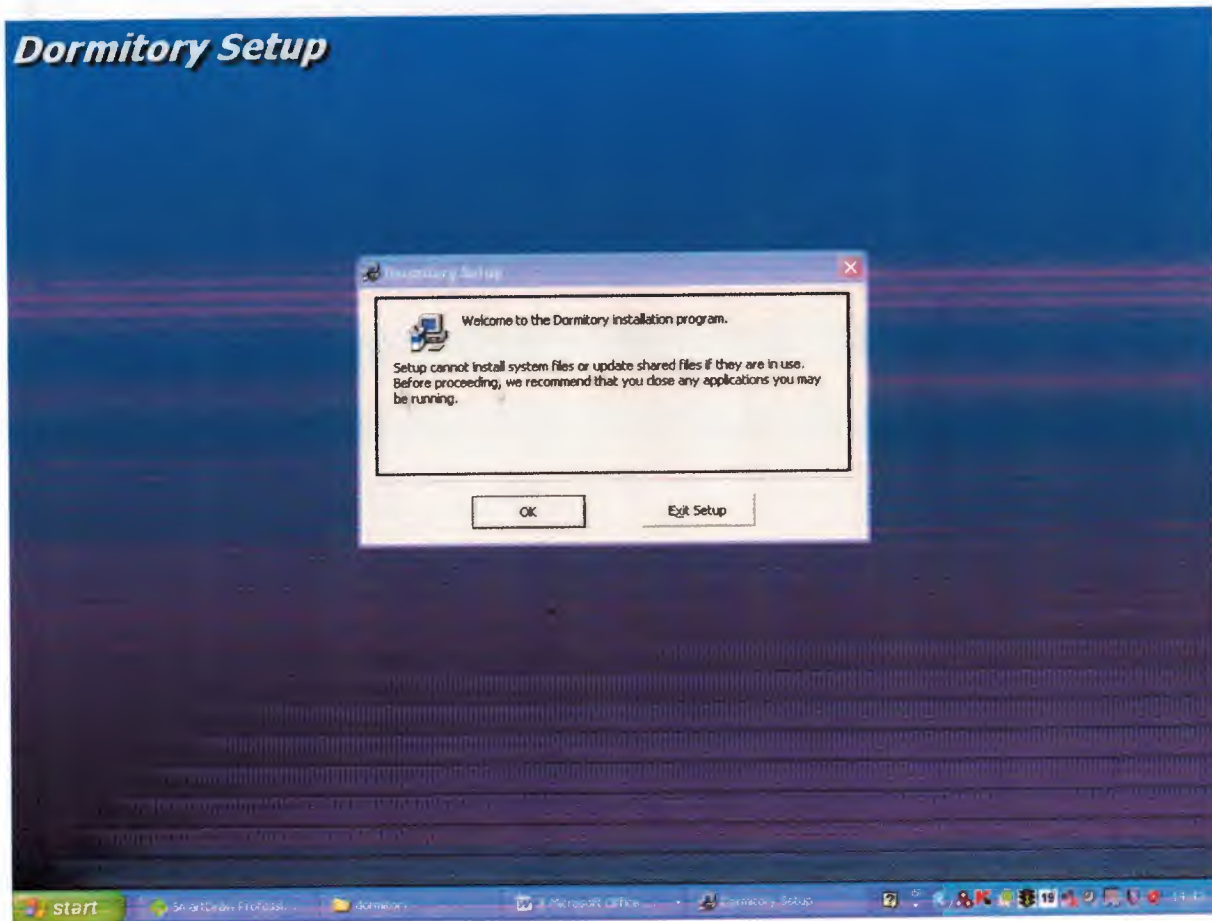
5 GB Hard Driver

CD-ROM 24 X

8 MB VGA Card

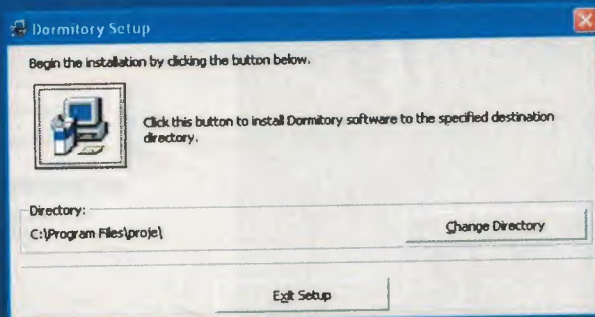
How to Install DORMITORY INFORMATION SYSTEM Program ?

When you insert the CD on the CD-ROOM you will see autorun application. Dialog box will be displayed automatically, then you have option to select the set-up program such as following box.



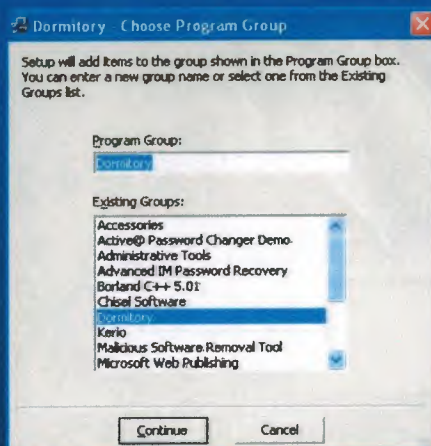
When you click the "setup" to continue installation, the following dialog box appears on screen and click the ok button.

Dormitory Setup



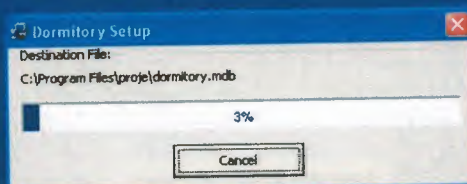
Then , dialog box below appears on screen, you must click button without changing the directory.

Dormitory Setup



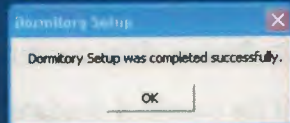
Then , the dialog box below will appear on screen to select the Start Menu Folder in which you would like Setup to create the program's shortcuts, then click "continue" button

Dormitory Setup



Then, the dialog box below will appear on screen to install selected folder, if you want to cancel setup you will press the "cancel" button.

Dormitory Setup



Then the dialog box below will appear on screen, finally click “ok” button to finishing Dormitory Information System on your computer

My projects Main Menu appears above as you see. It has five main menus. These are Room, Student, Personnel, Account, Report processes. The first menu is room process menu. If we click room process menu as you have seen it has 5 submenus. These are add new room, delete room, update room, search room If we click add new room to add the rooms that exist in our dormitory. Add New Room Form comes to screen as you see. We enter here room number, flat, price, capacity of room which we have 1-2-4 people standards and room items is checked when it will be included in the room and there are three buttons on the bottom of the form these are new , save , close. If we want to add new room we should click new. After each adding process we must save it to add to the database. If we want to return the main menu you must click close button. The other submenu in the room process delete room clicked the form of delete room comes to screen here we have condition that is when room includes students we can not delete this room. First we must delete the students who are in this room. This room delete process made rarely for example rebuilding or destroying. In this form we enter room number to search whether it exist students. Here you see the text box to enter the room number and find button if we click it if it has students their information and the

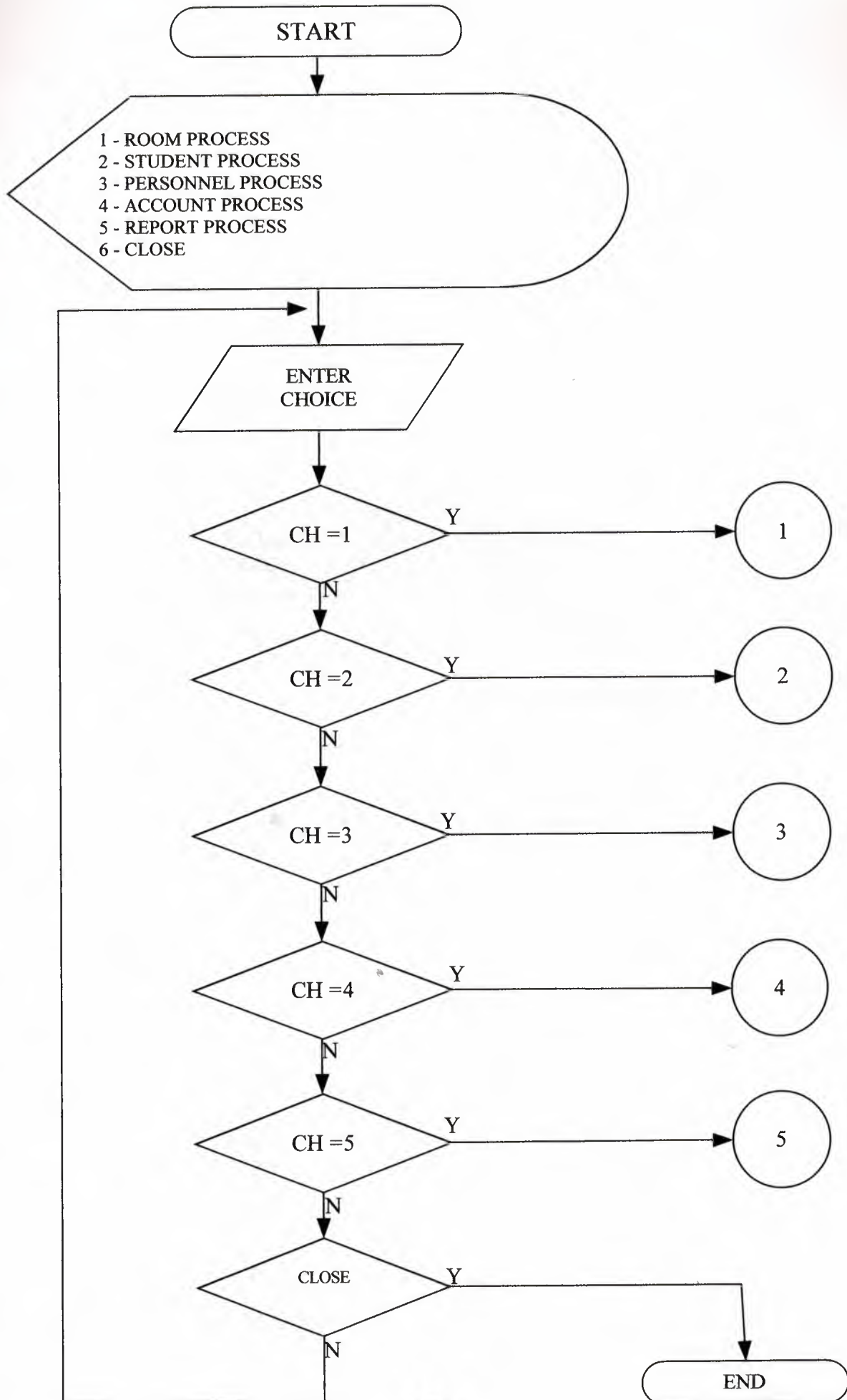
information of the room come to screen. If we want to delete this room , when it has students staying in it we mentioned above we take the student information and delete all of it in the student process menu by clicking its submenu delete student and by deleting its records but if it has no students you can directly delete it. The other submenu of room process menu is Update Room if we click it its form comes to screen we enter room number in text box and click find button to collect the its information of this room. We after make changes and click update button to update it. If we want to return the main menu we must click close button. The other submenu of room process menu is Search Room. If we click it its form comes to screen .You can see here option buttons with specific search criteria's. If we click the first option button to list all rooms on database It shows all the rooms in our dormitory. When we click second option button to list empty rooms and we can see on the datagrid the empty room in our dormitory If we click third option button to see the students in the rooms we can see on the database grid the students. There are relationship between room and student database. If we click the other forth option button we search the room according to their number. Therefore a text box and list button come to screen to enter the room number and list its information if we made it one room information can be seen on the screen. Here if the room number not found a message comes to screen as you see on the screen. In this form we have close button to return to main menu.

The Second main menu is Student Process if we click it as you see it has four submenus. If we click the first submenu which its name is Add new student its forms comes to screen .Here the student number given automatically by the program. Then we enter here student name , surname and room number and click the button to search room situation a message comes to screen after the room is found. If the room is full you cannot enter new student to this room. If it is empty a message comes to screen if you want to place it or not you can choose option if you click yes the other form comes to screen to enter the student detailed information here we have payment type of cash and monthly options if the students will pay the rent amount in monthly installment the detailed installment fields to fill comes to screen. We enter this datas also. We take the first installment in advance and make discount. The other submenu of student process is delete student if we click it the form its comes to screen to enter the student number there is text box and find button to search its records. When the student number found its information of this student comes to screen when it is not found a message comes to screen that shows that is not found. after coming the student

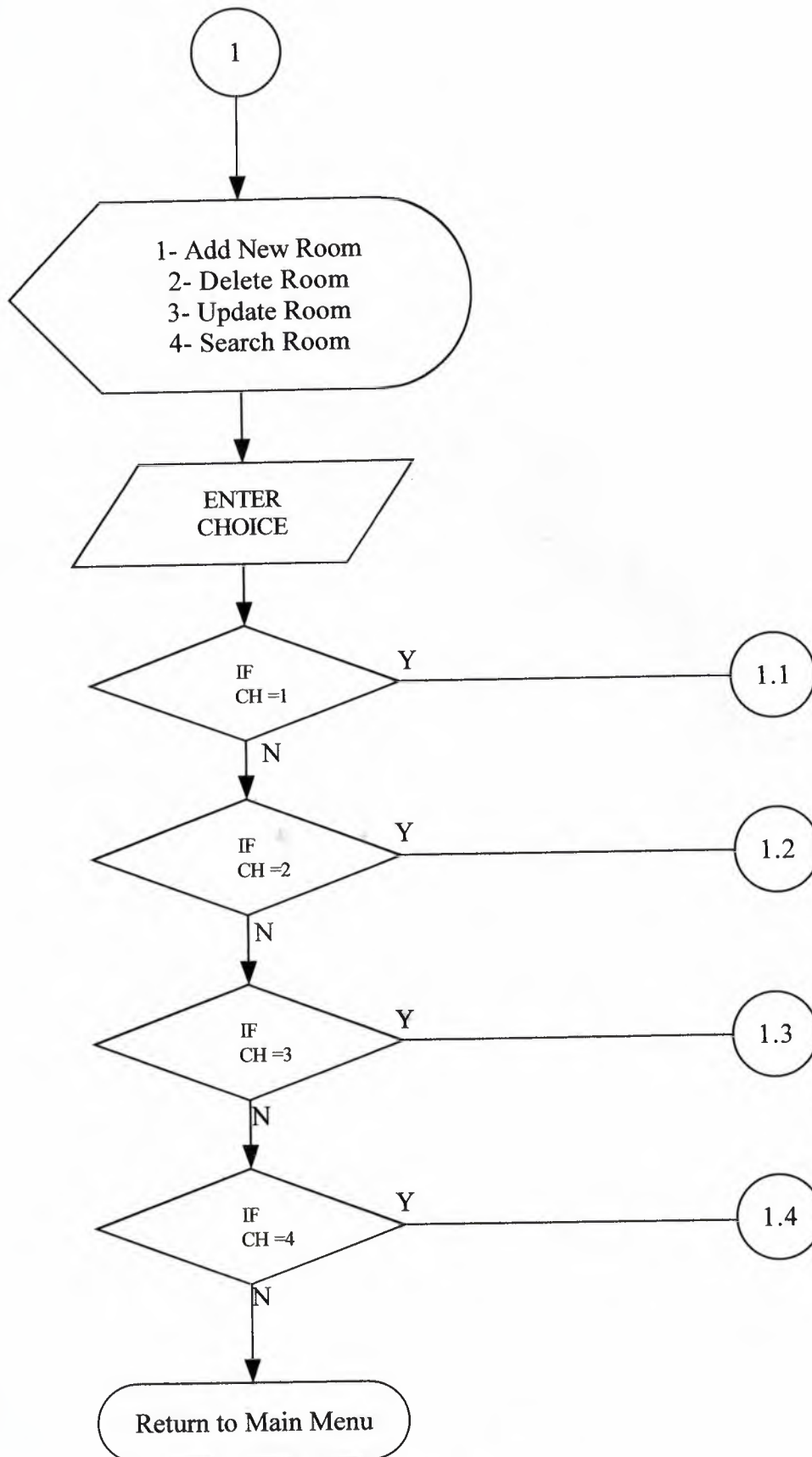
information if we click delete button on bottom of the form a message comes to screen that we delete it or not. Here we can return to main menu by clicking close button. The other sub menu of student process is update student if we click it its form comes to screen in the text box we enter the student number and find button to search its information .If its number is not found a message comes to screen. If it is found, its information comes to screen here we can update by clicking update button that is seen on the bottom of the form. if we want to return to main menu we must click the close button. Another submenu of student process is search student. If we click it, its form comes to screen. Here on the form there are option buttons for choosing the search criteria's. If we click the first option button to list all the students we only click search button and the students information's comes to screen. If we click the second option button to search the student by its number we enter on textbox its number and click search button. If its information is not found according the criteria a message comes to screen to warn us about it. Otherwise its information is displayed on the screen. This is one student list. Because every student has a unique student number. During this process if we do not enter the criteria on textbox before clicking the search button a message comes to screen to alert us that we first have to enter the criteria type on it. For the next remaining options this message comes to screen if we fell to the same mistake. If we click the third option button to search the student according to its name, here there is a special property in our program that can show the nearest name records that we entered wrongly on the textbox. For example if we type "a" and click search if exists the student records that are beginning with "a" comes to screen. Another option of searching students by their room number can be made because of the relation between rooms and students database on this form too. On this form there is close button that allows us to return to the main menu.

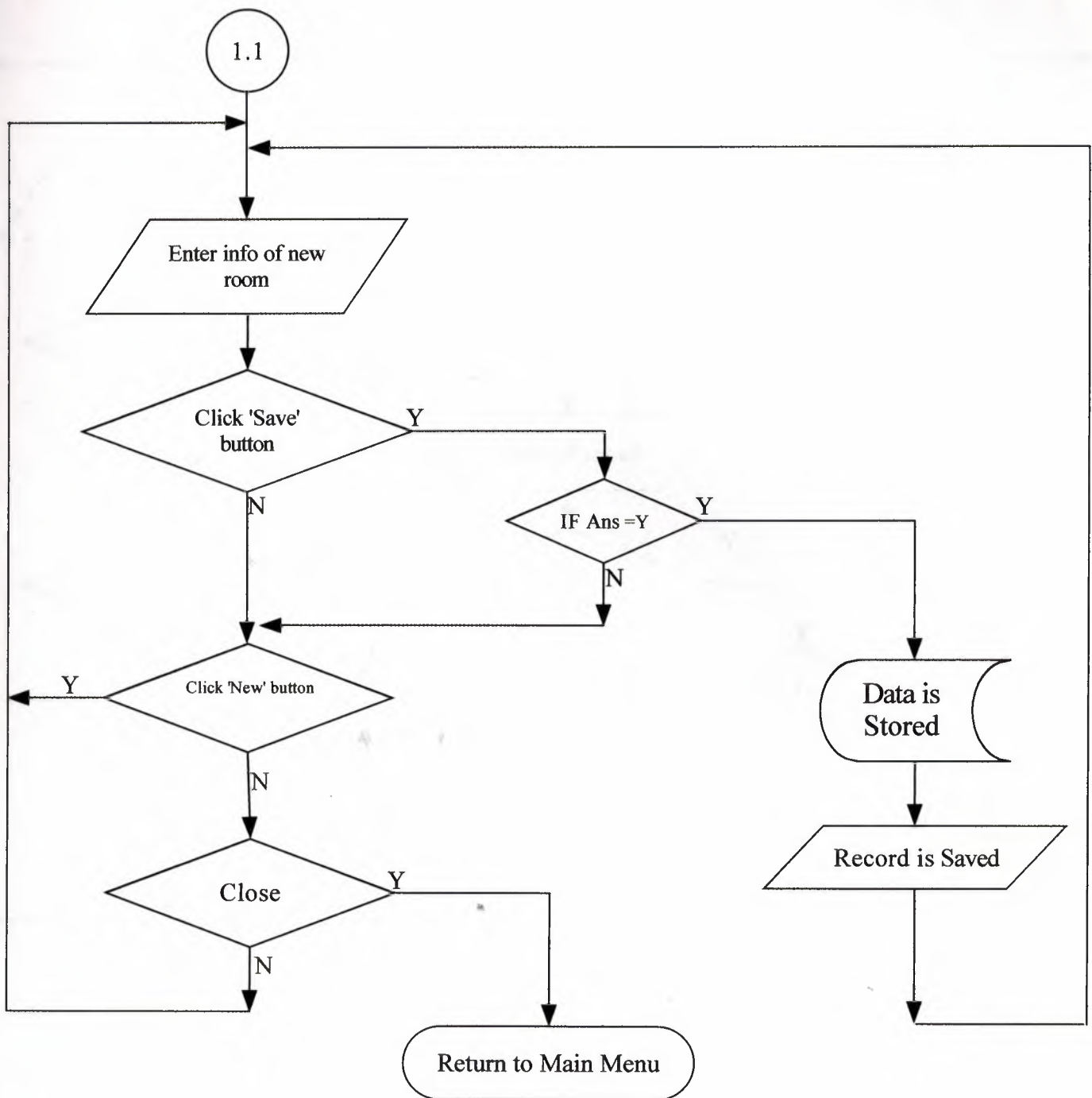
The third main menu is personnel process. If we click it we can see 4 submenus on it. if we want to add new personnel entry we click the first submenu. After its form comes to screen that gives to the new personnel an automatic number. After entering its information we can save the new record by clicking save button which is on the button. there is a new button to allow us to continue add personnel entry and a close button to return to the main menu on the bottom of this form too. The next submenu is delete personnel. If we want delete personnel we click it. And after on its form we enter number of personnel first to search it s record. if it will not founded a message comes to screen. Otherwise if its number found its information comes to screen .we have delete button on the bottom of the form to delete it and also close button to return to the main menu.

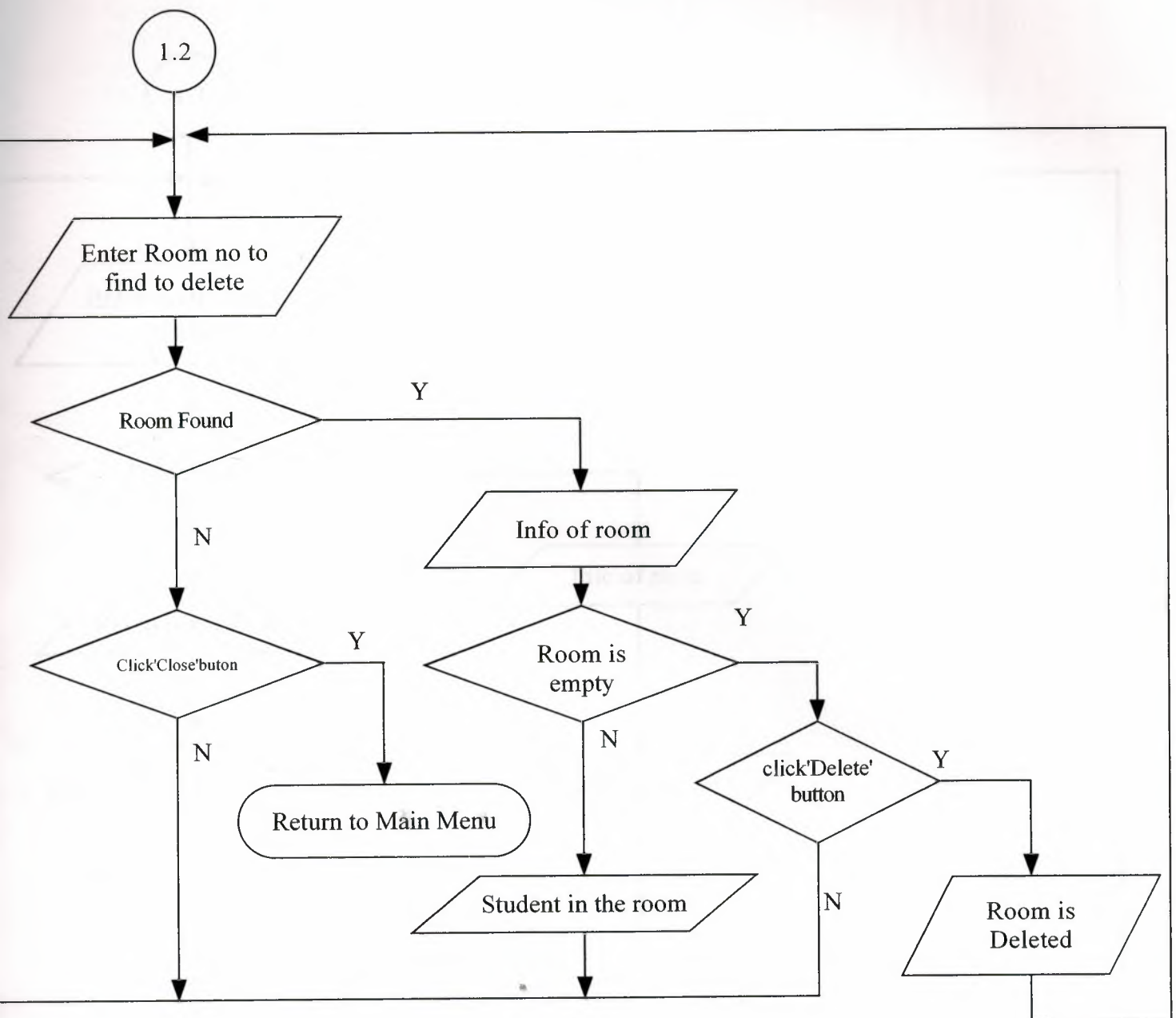
USER FLOWCHART

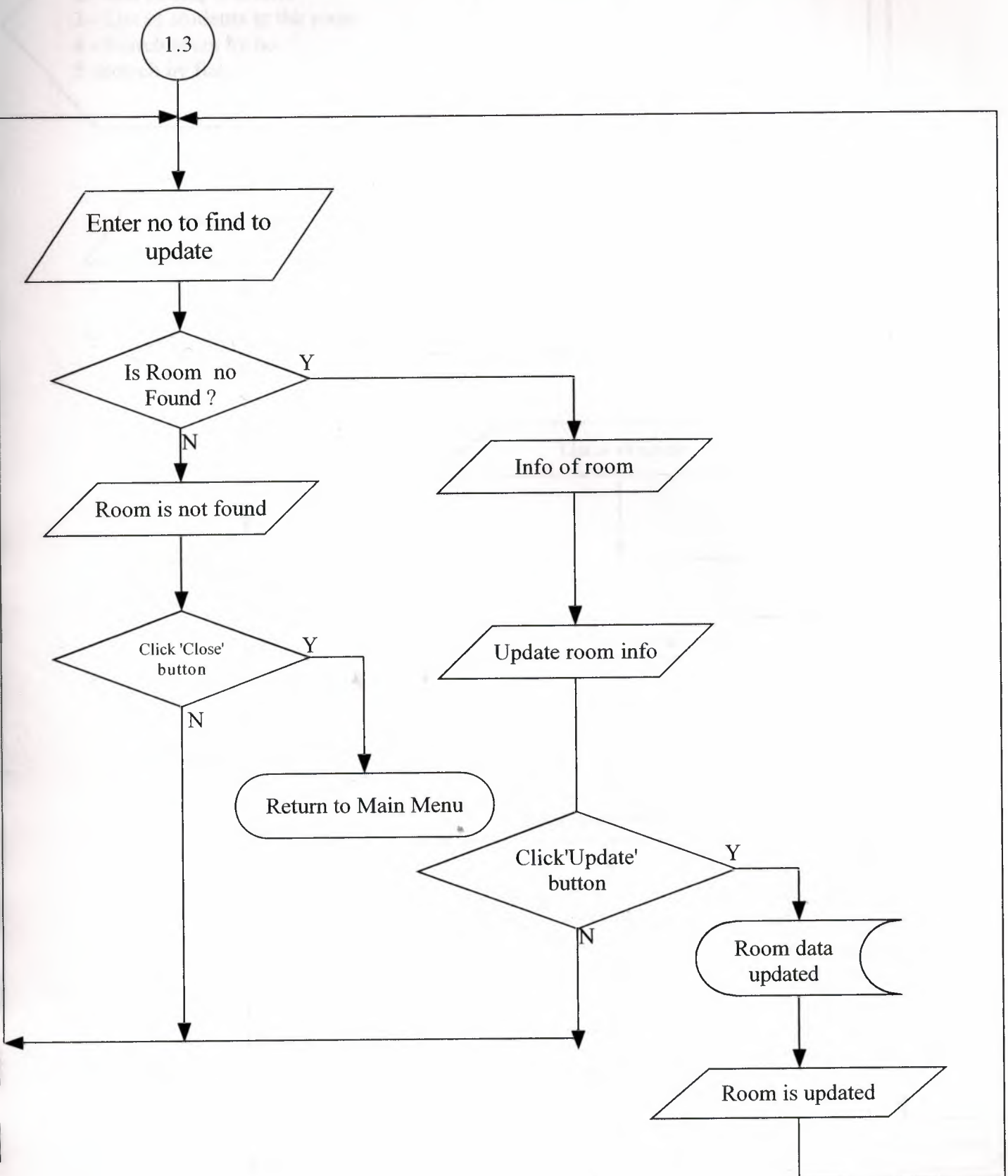


ROOM PROCESS MENU









1.4

- 1 - List of all rooms
- 2 - List of empty rooms
- 3 - List of students in the room
- 4 - Search room by no
- 5 - Search by flat

Click A Criteria

Click 'Criteria1' button

Y

N

Click 'Criteria 2' button

Y

N

Click 'Criteria3' button

Y

N

List of all rooms

List of empty rooms

Enter student no to list

Click 'list' button

Y

N

Is found student no ?

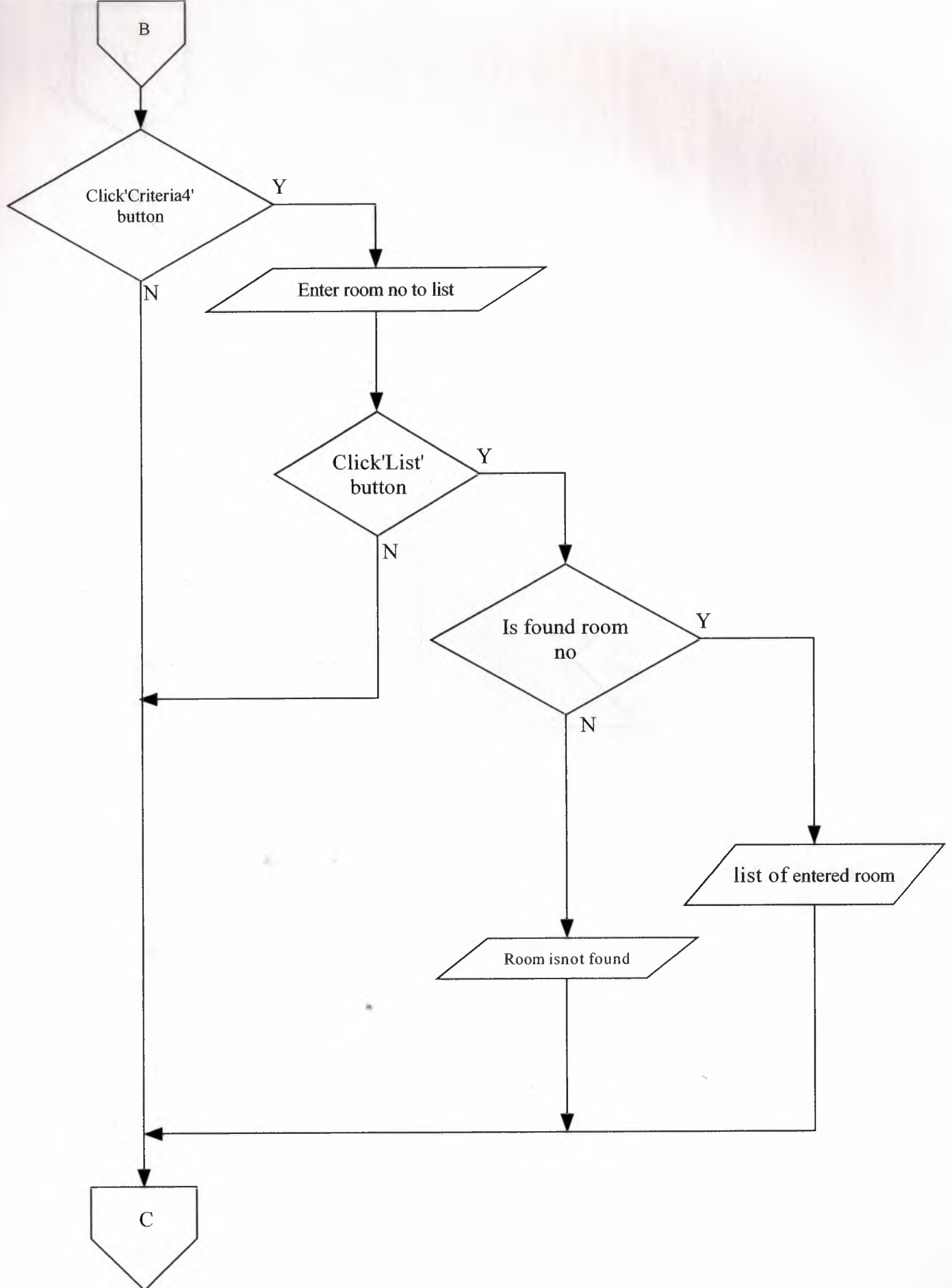
Y

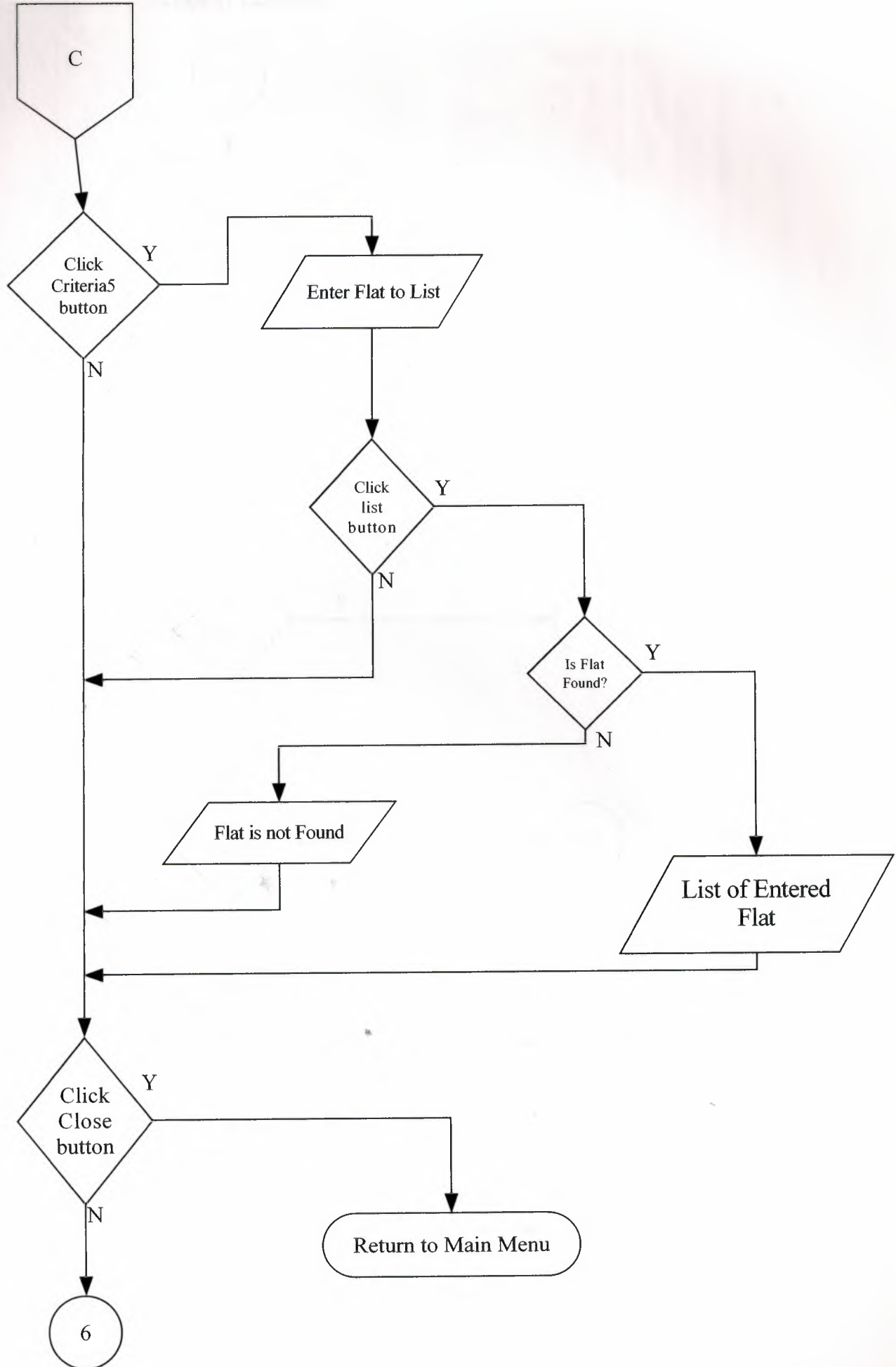
N

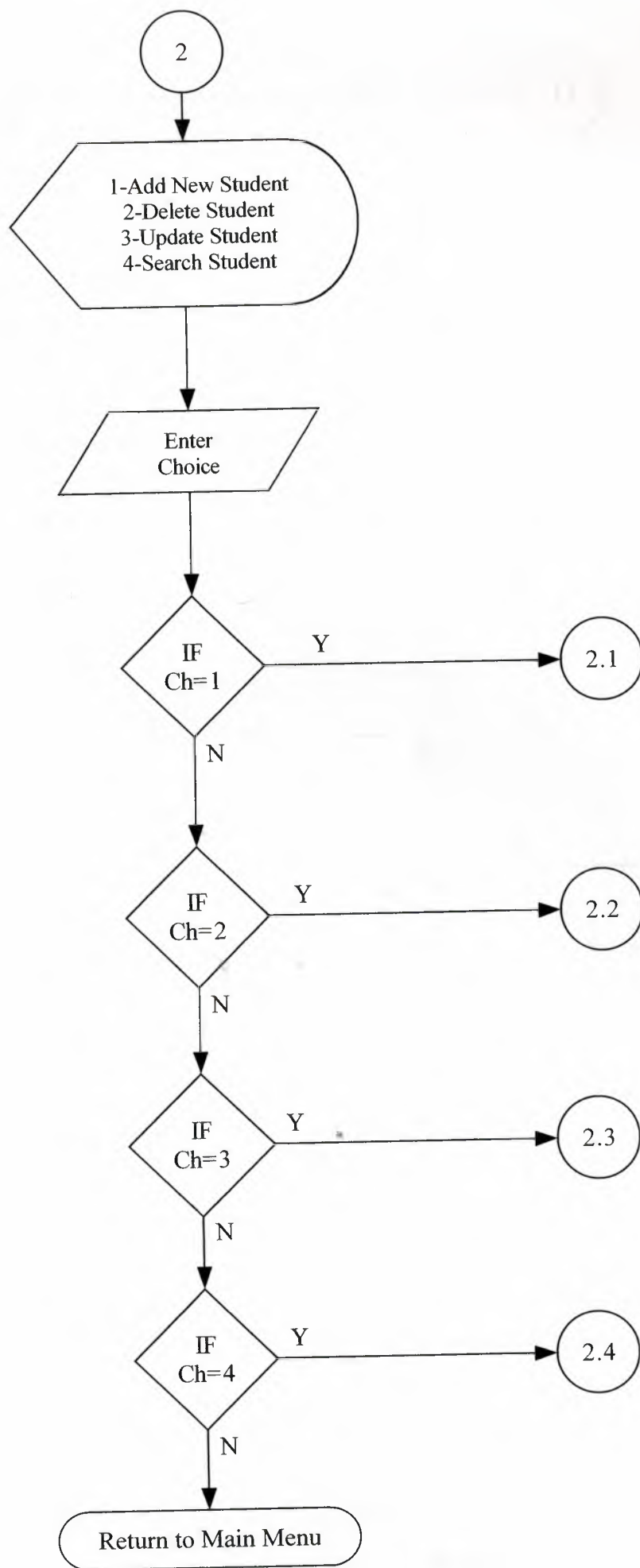
student is no found

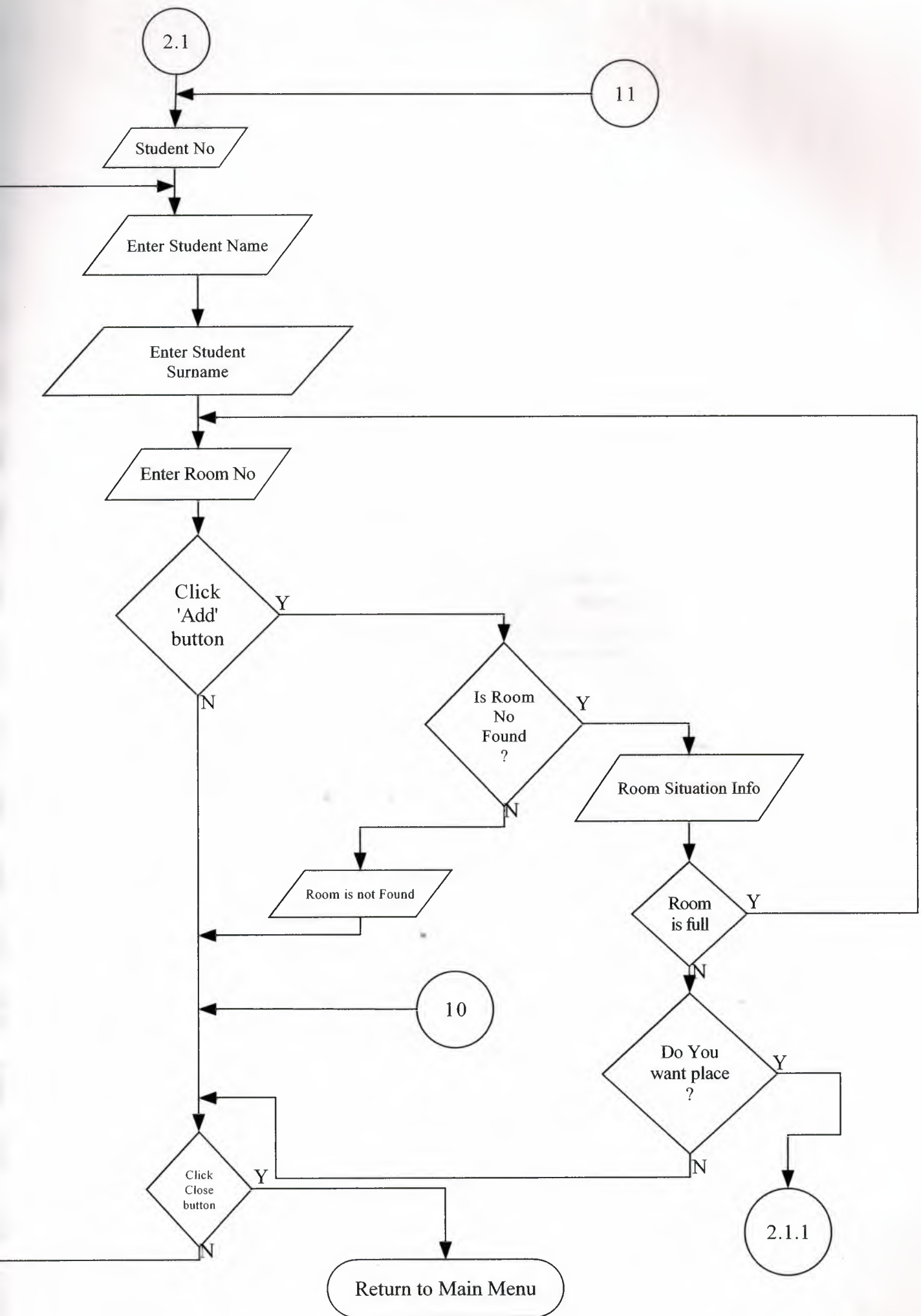
List of students in room

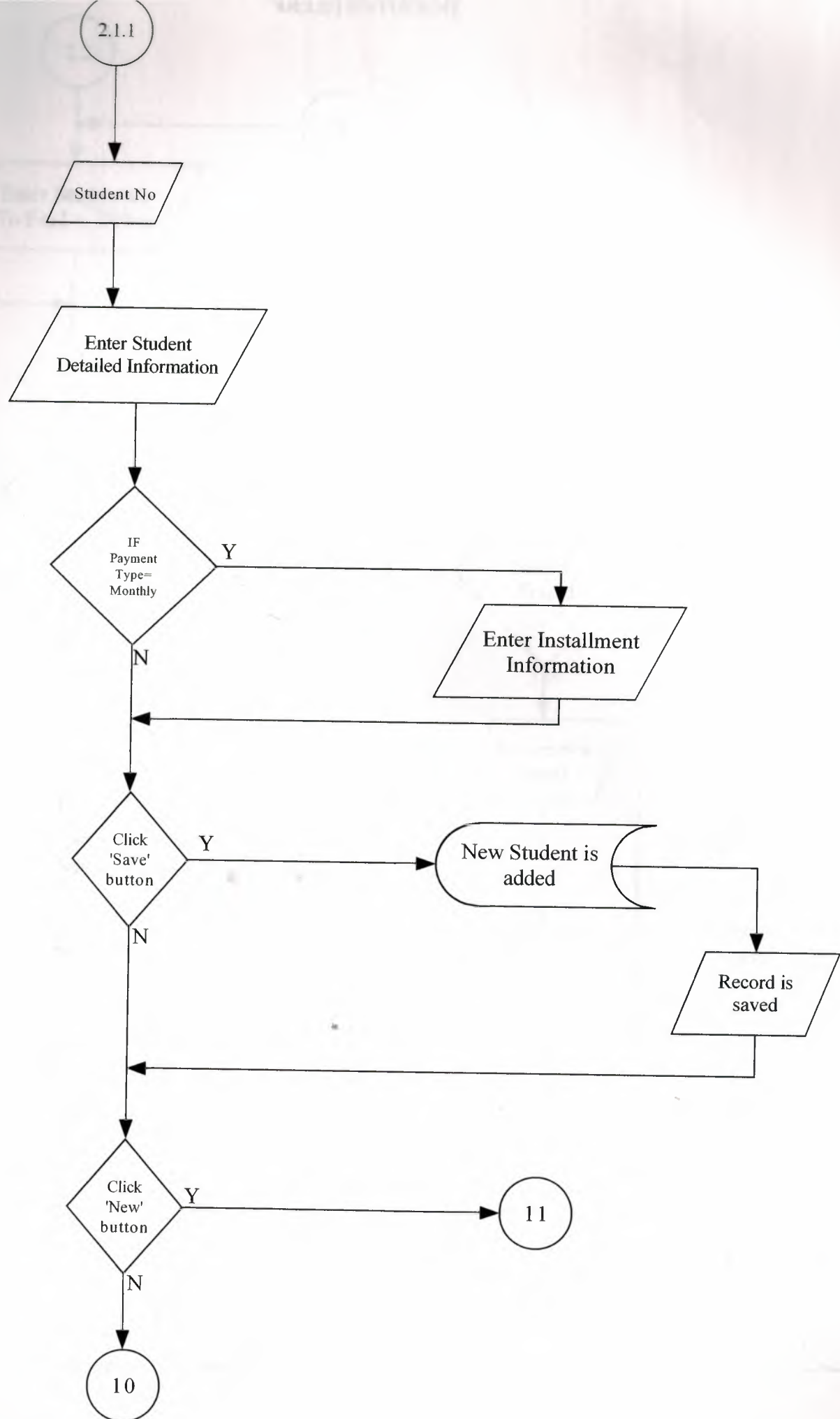
B

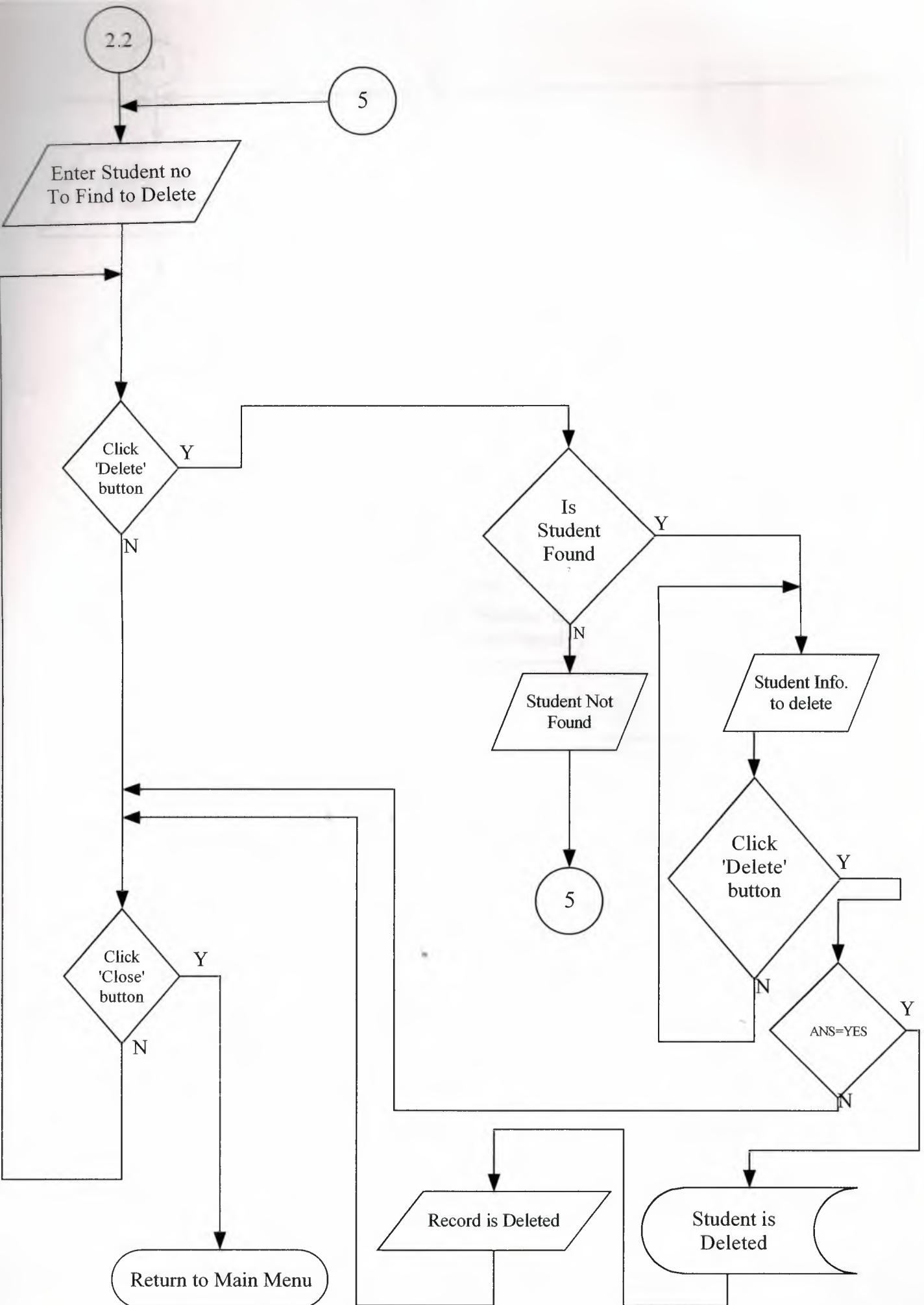


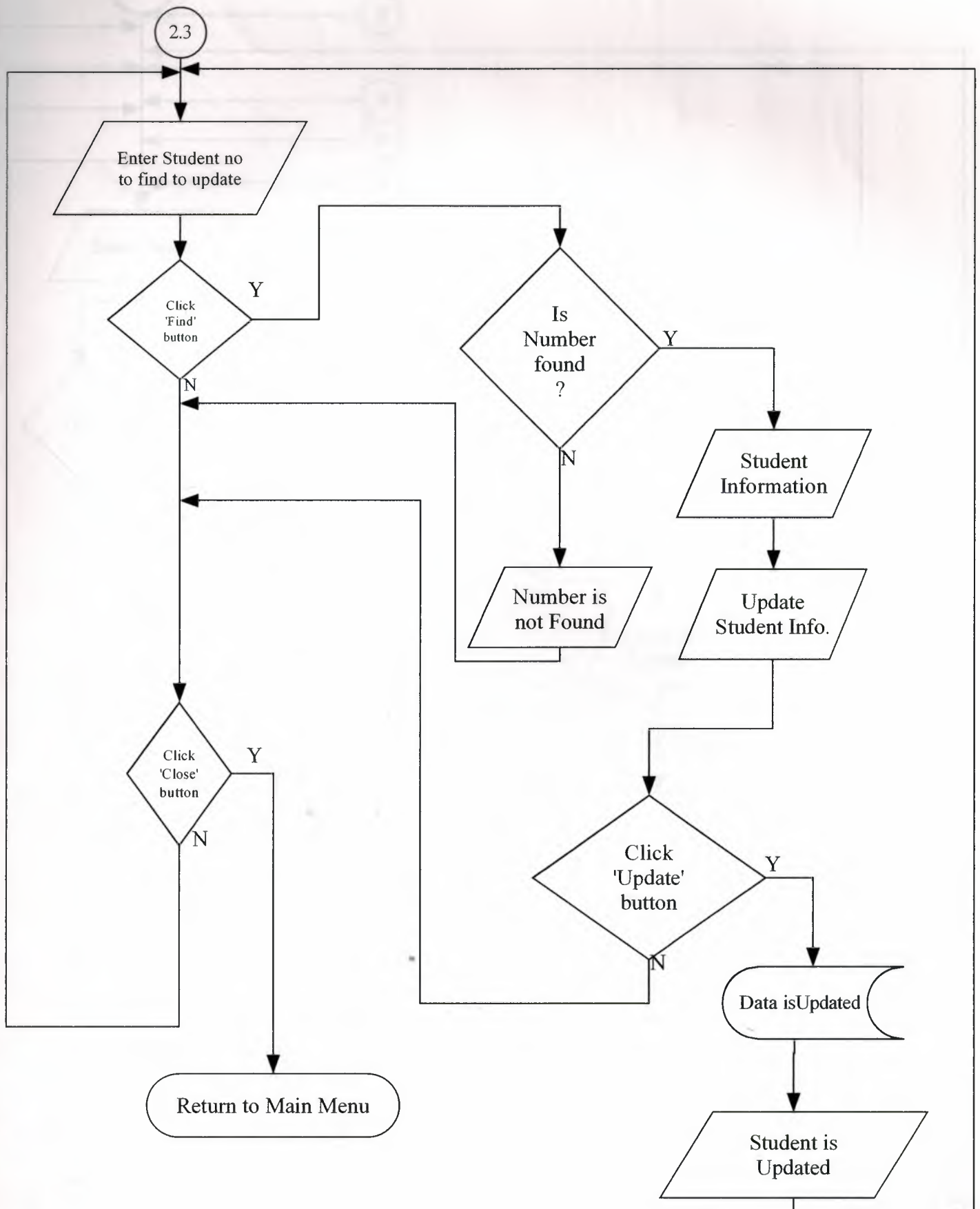


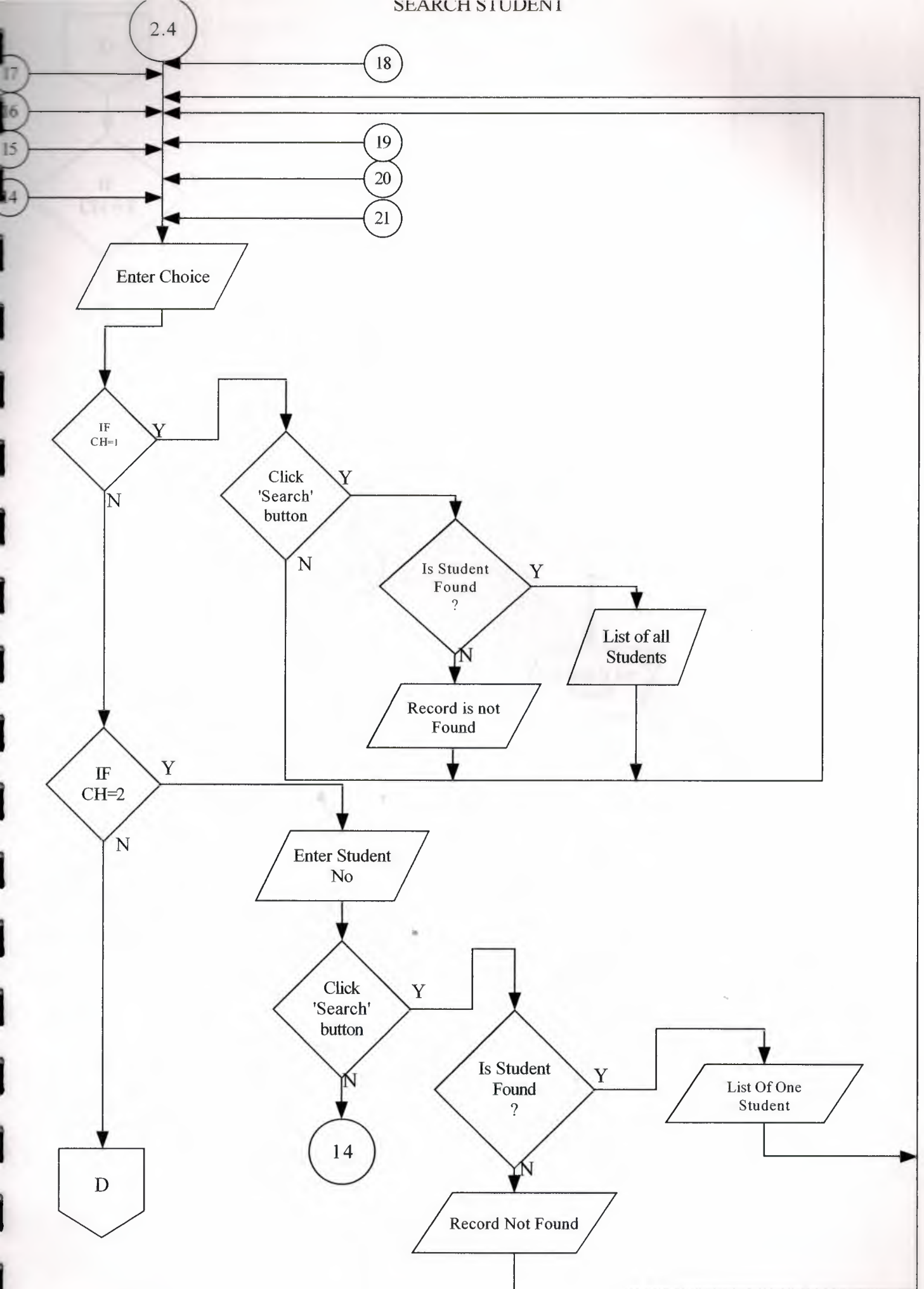


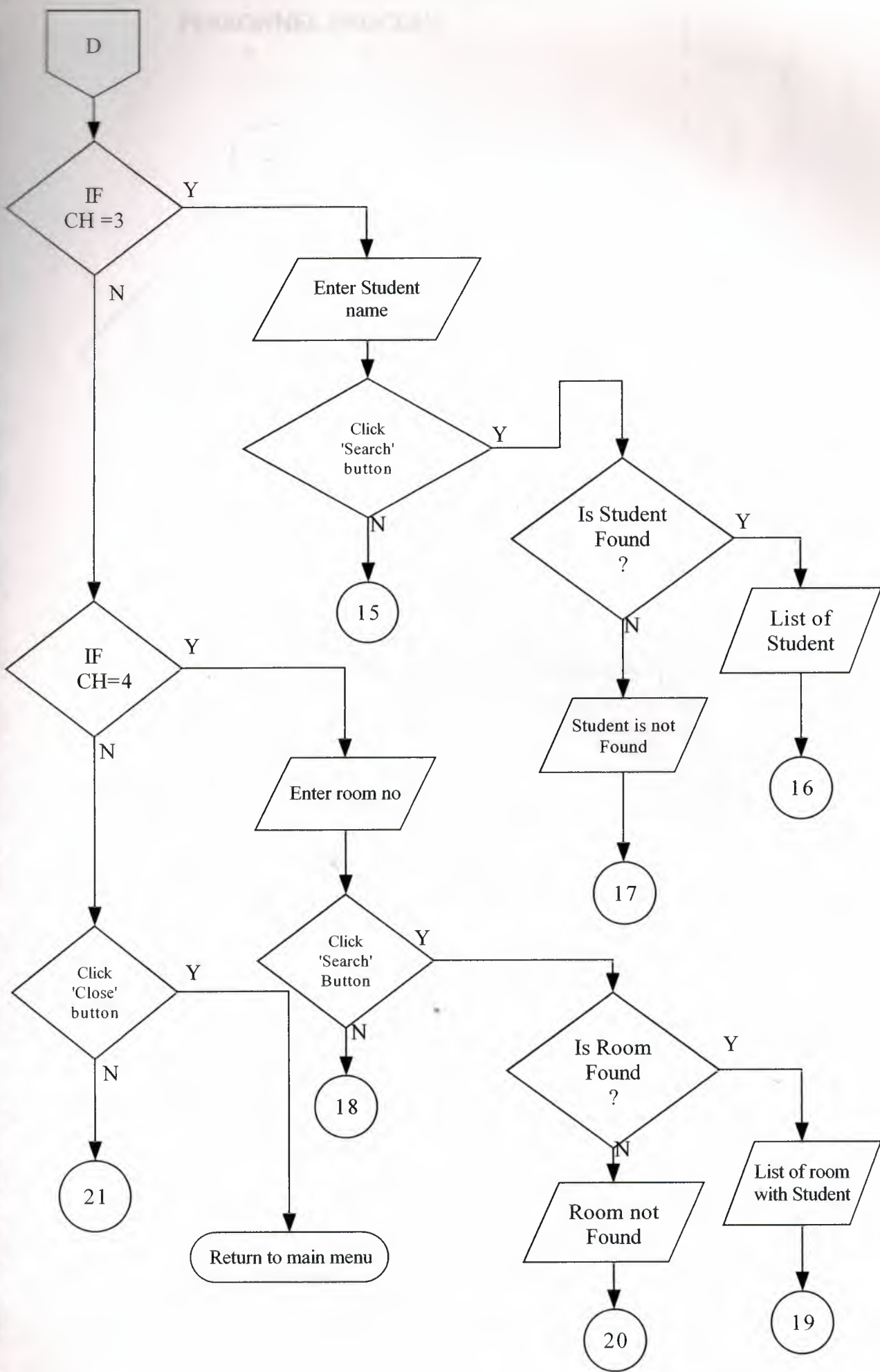




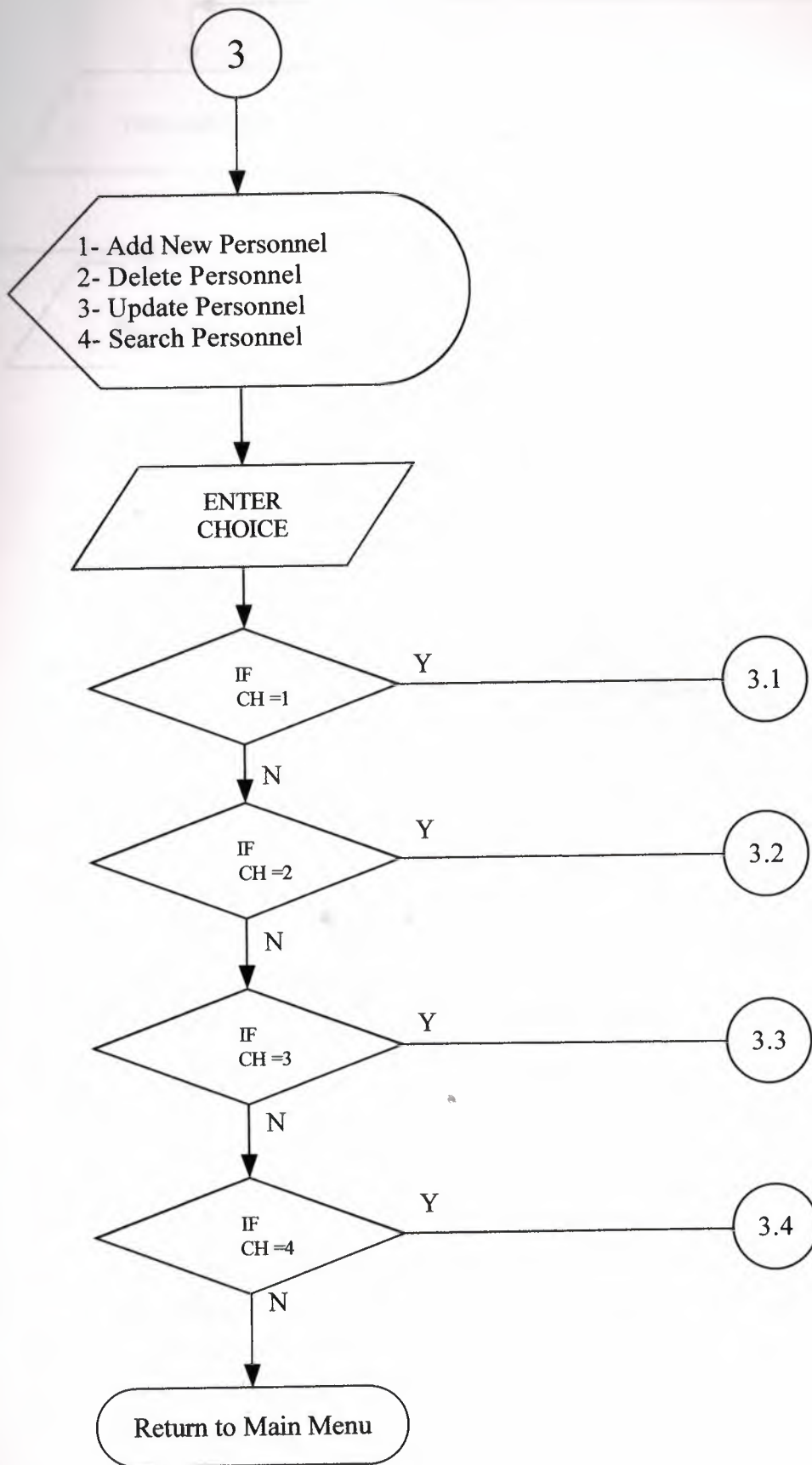


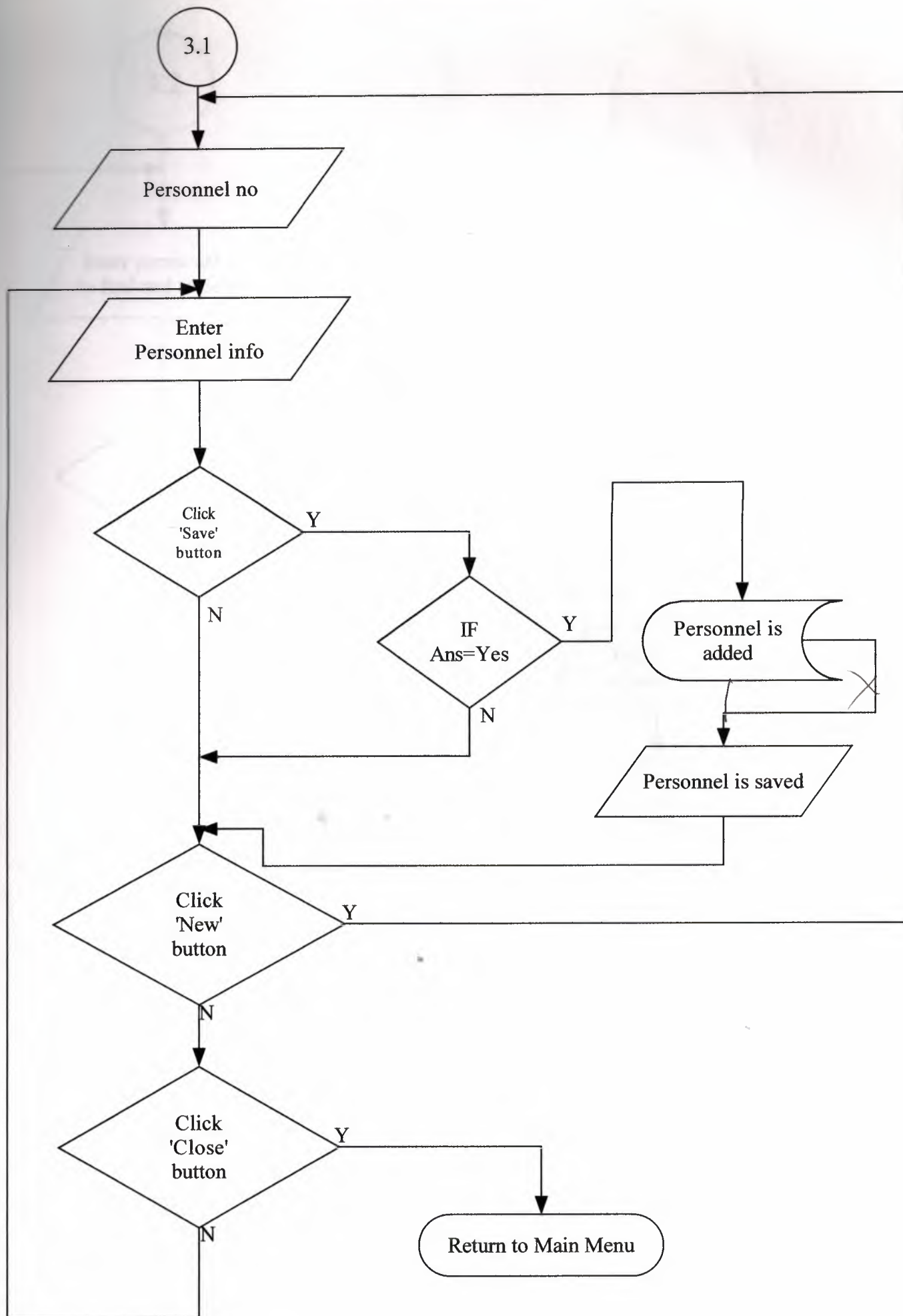


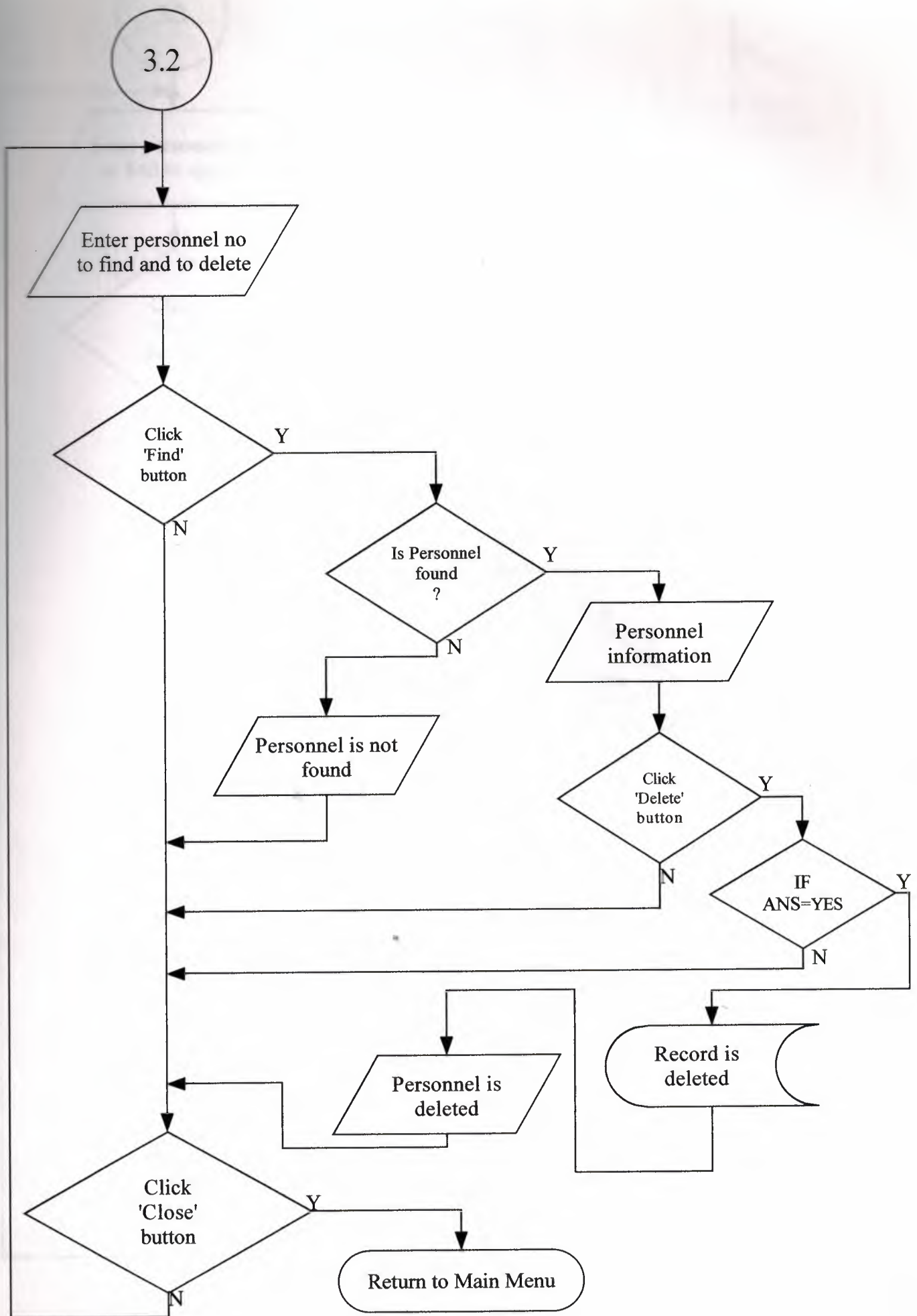


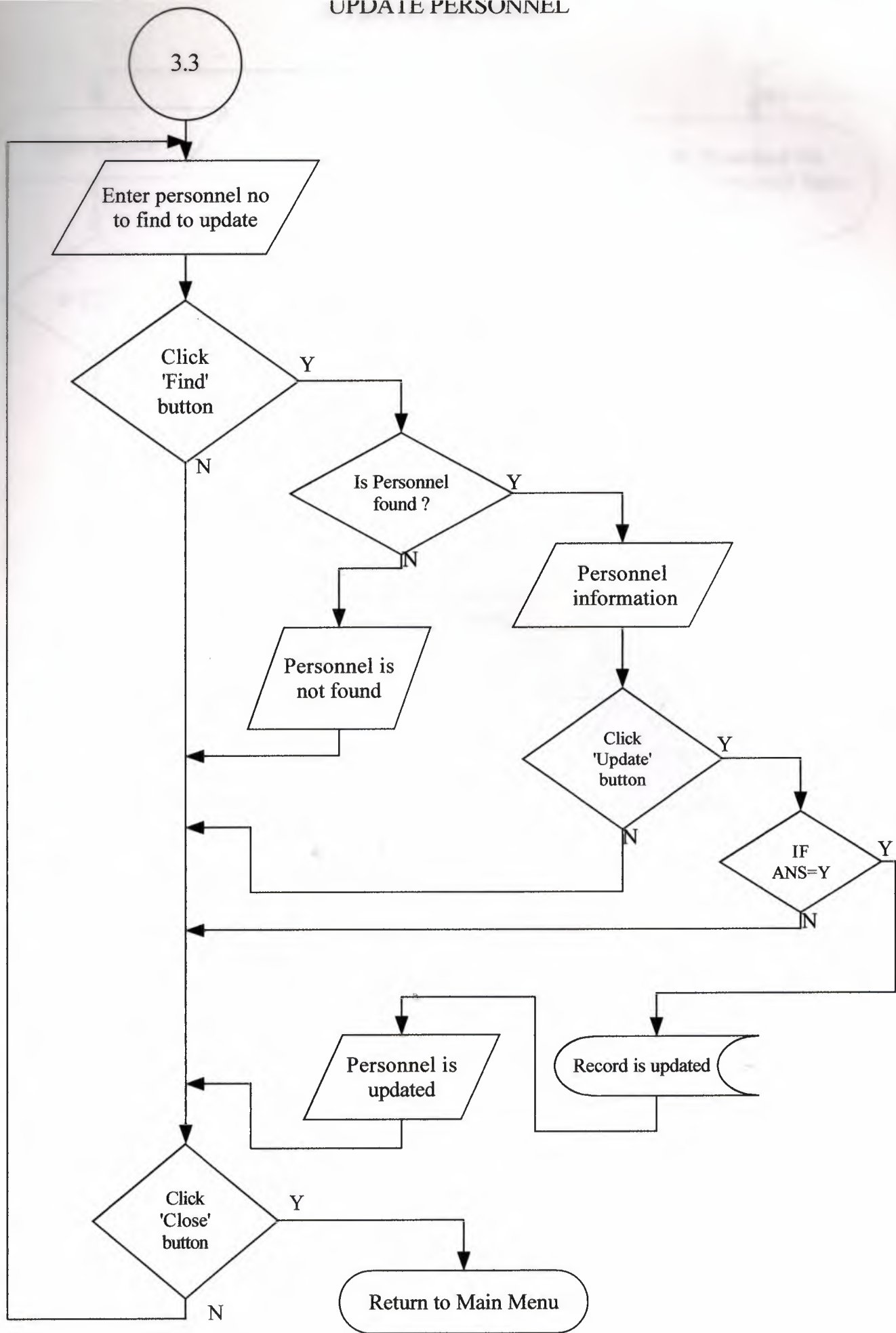


PERSONNEL PROCESS

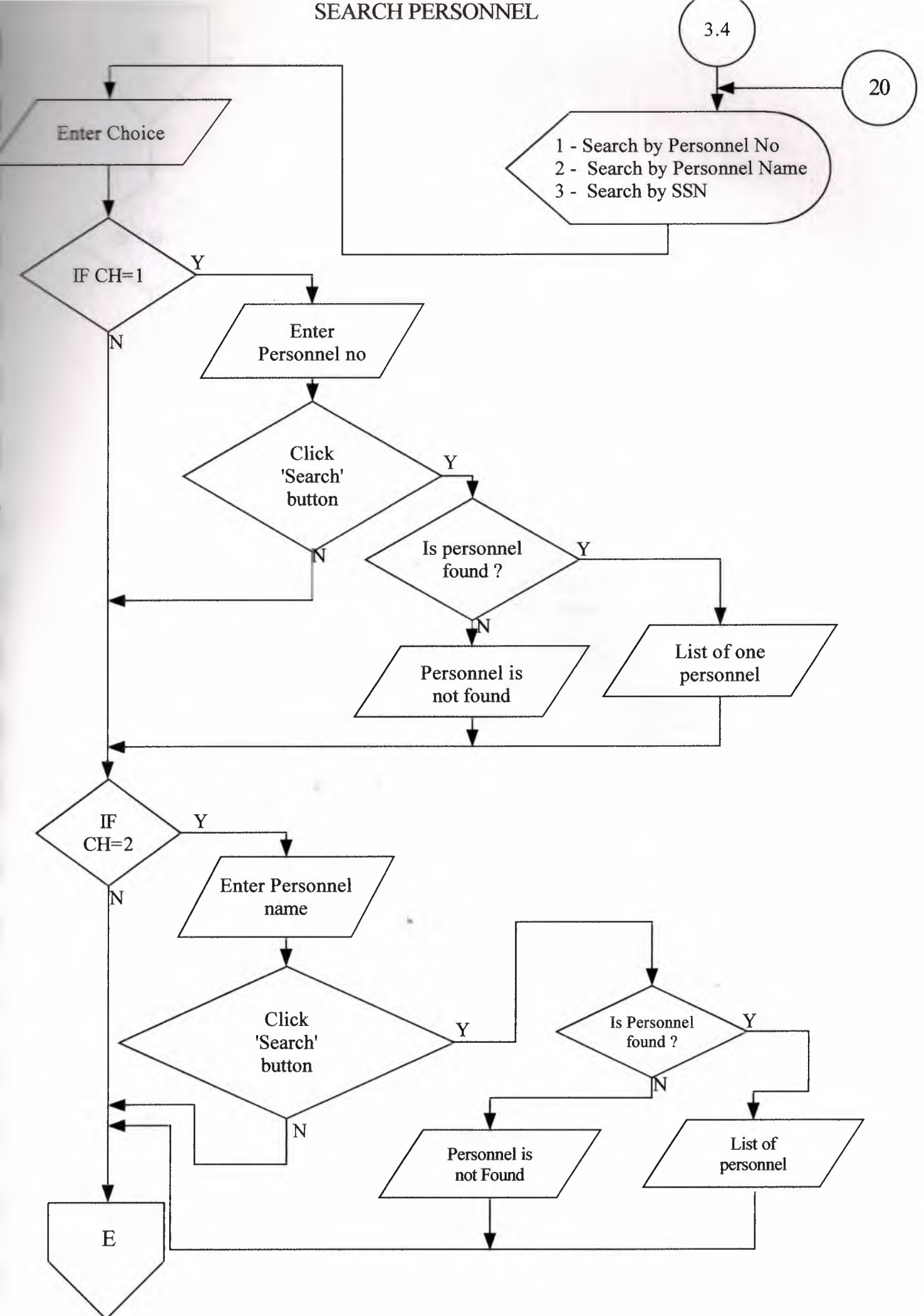


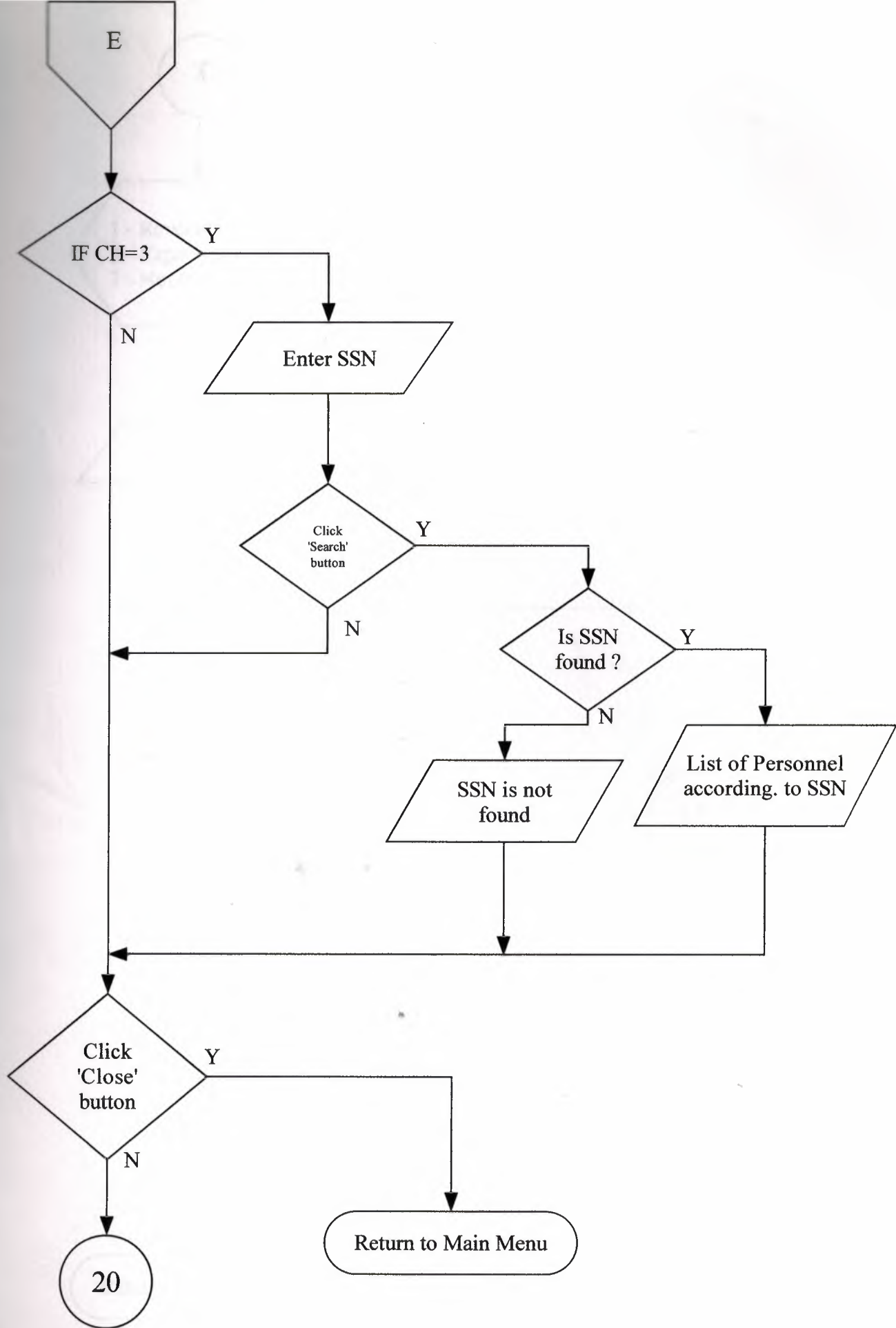


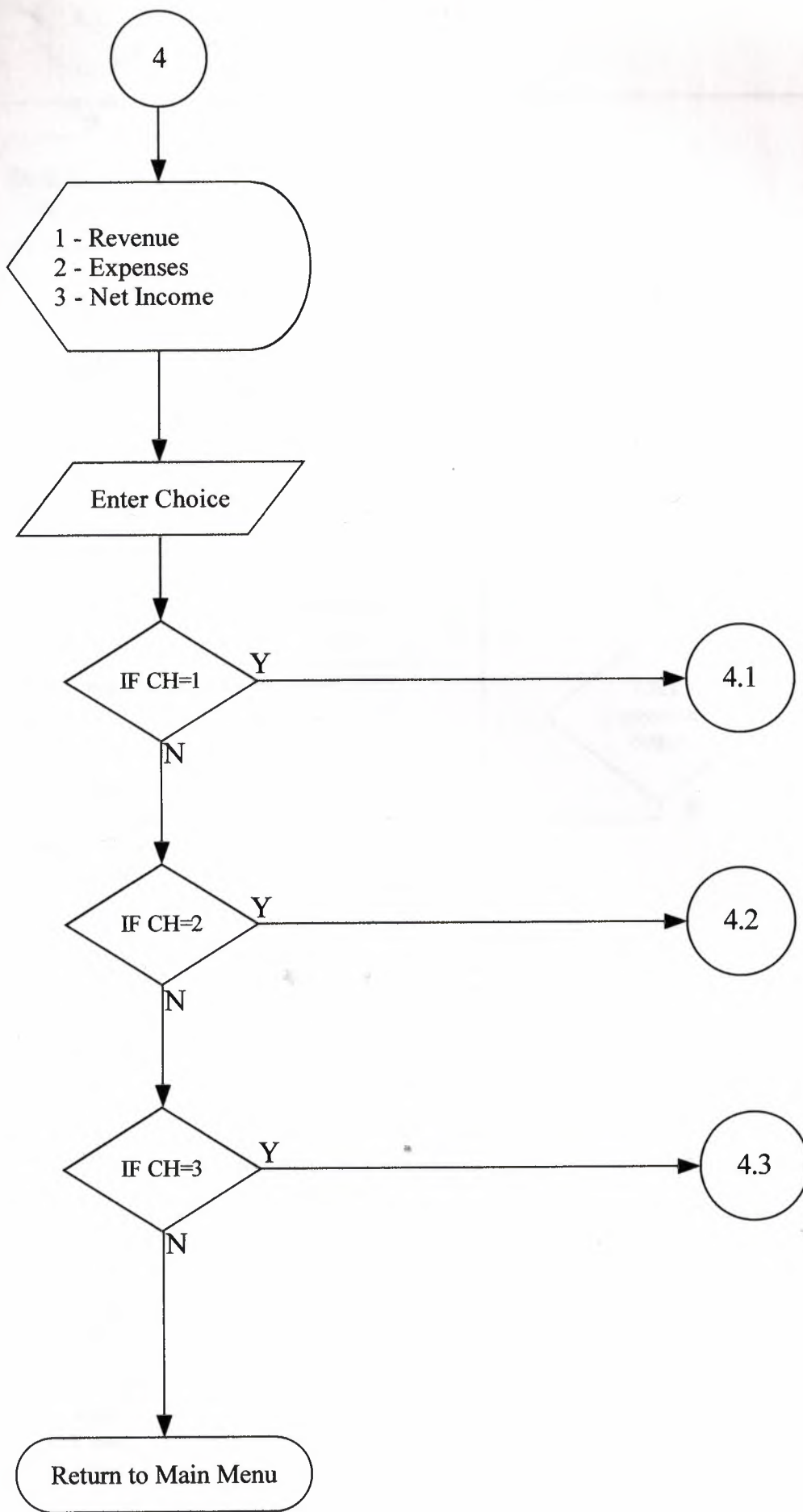




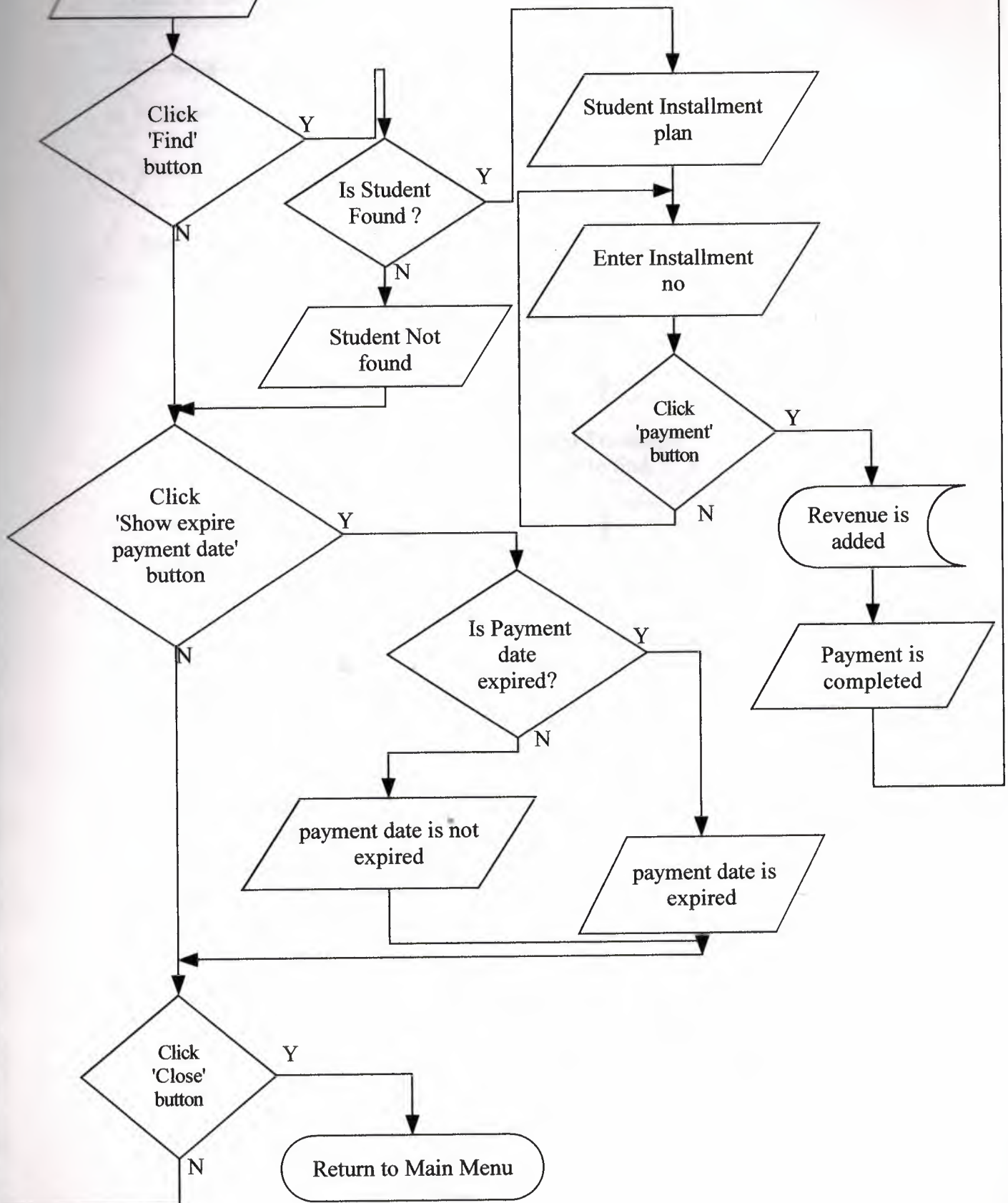
SEARCH PERSONNEL



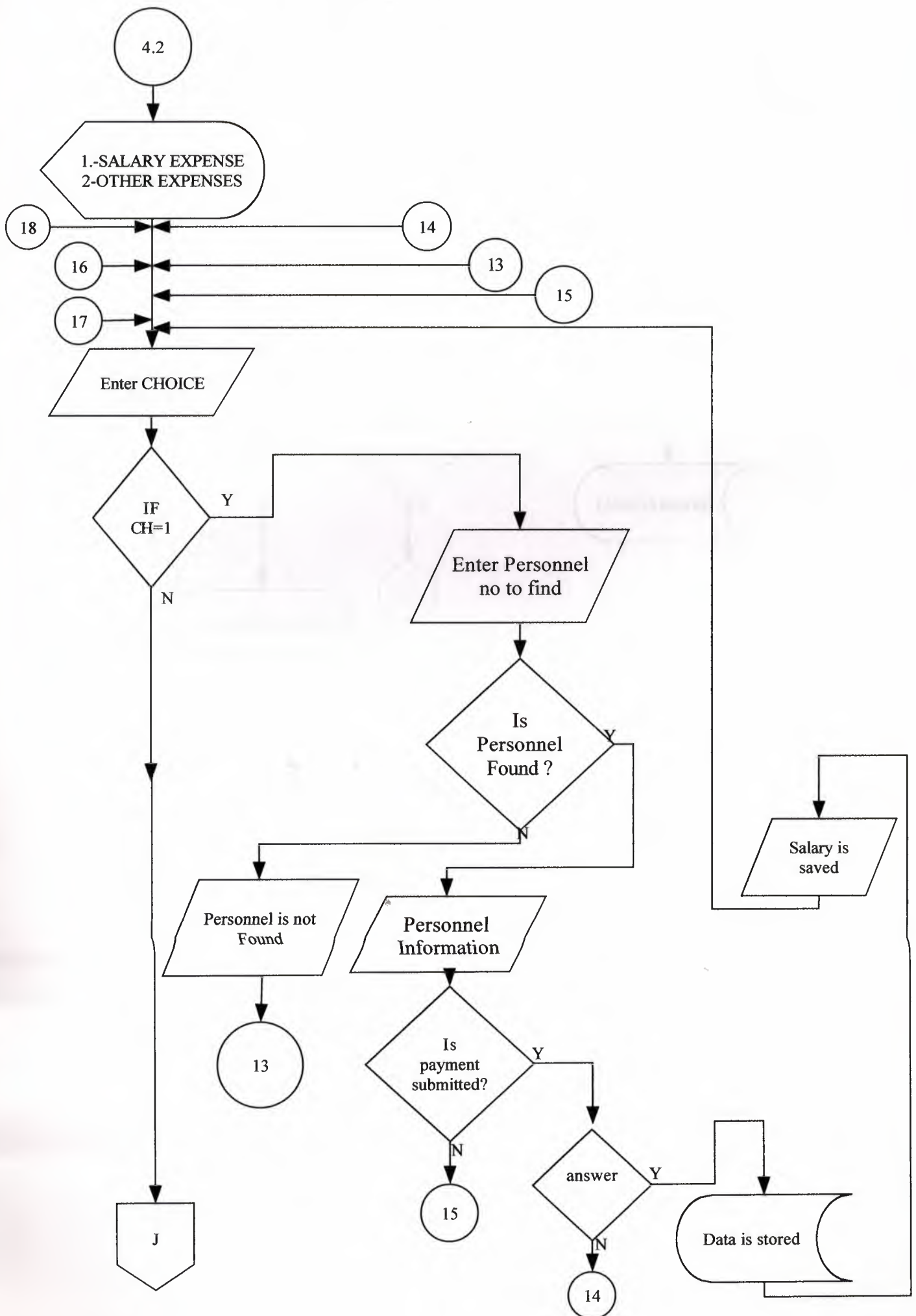


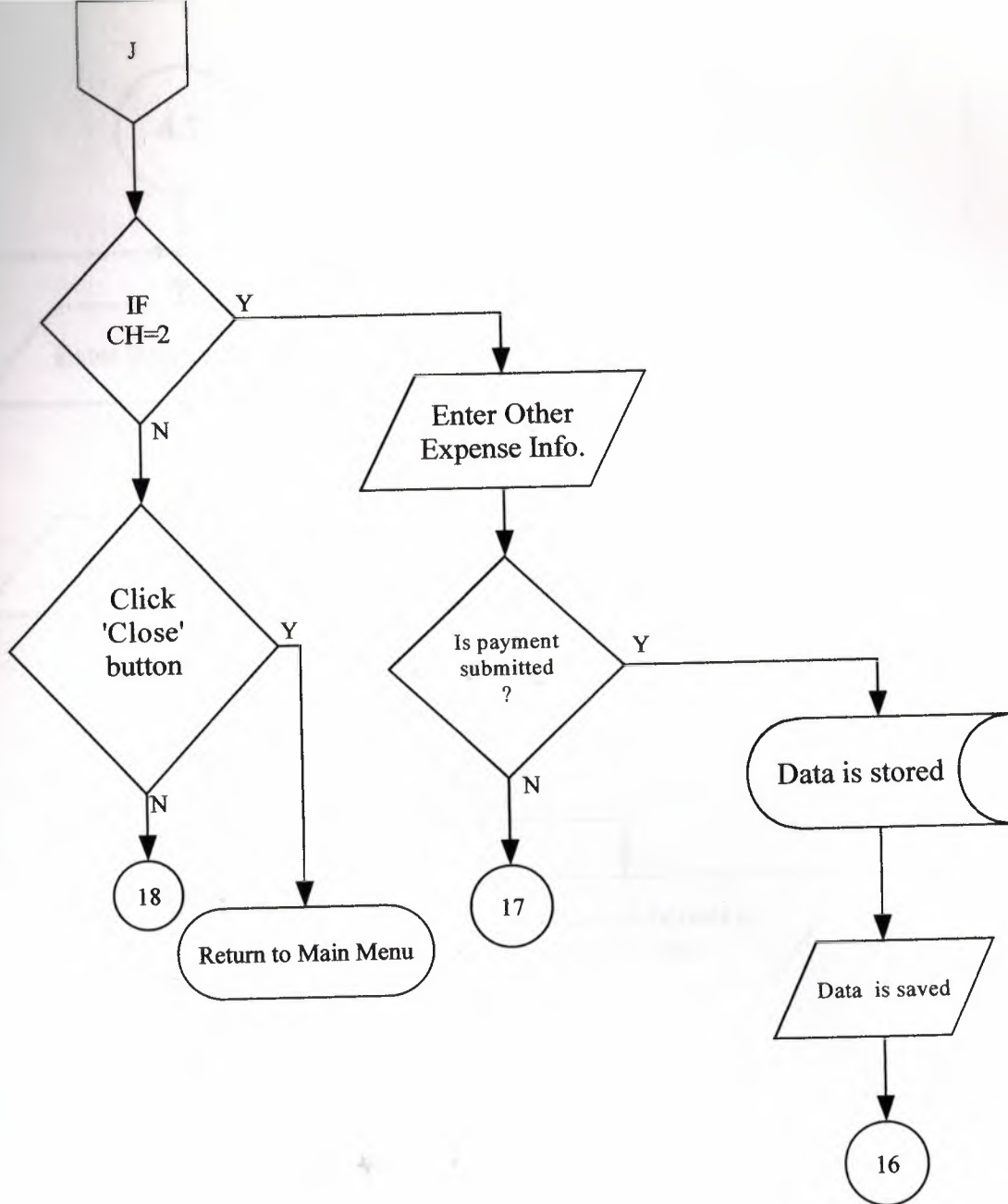


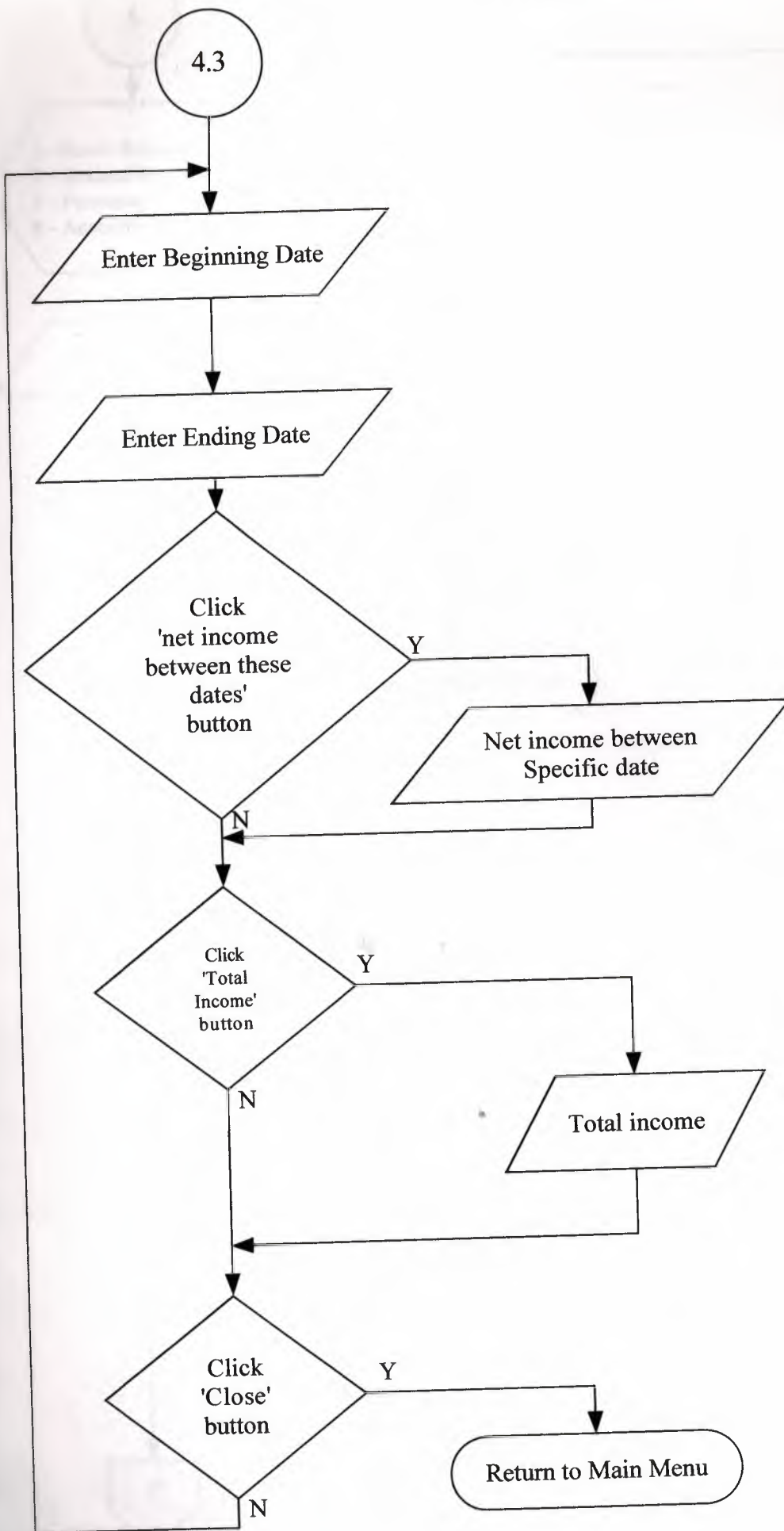
4.1



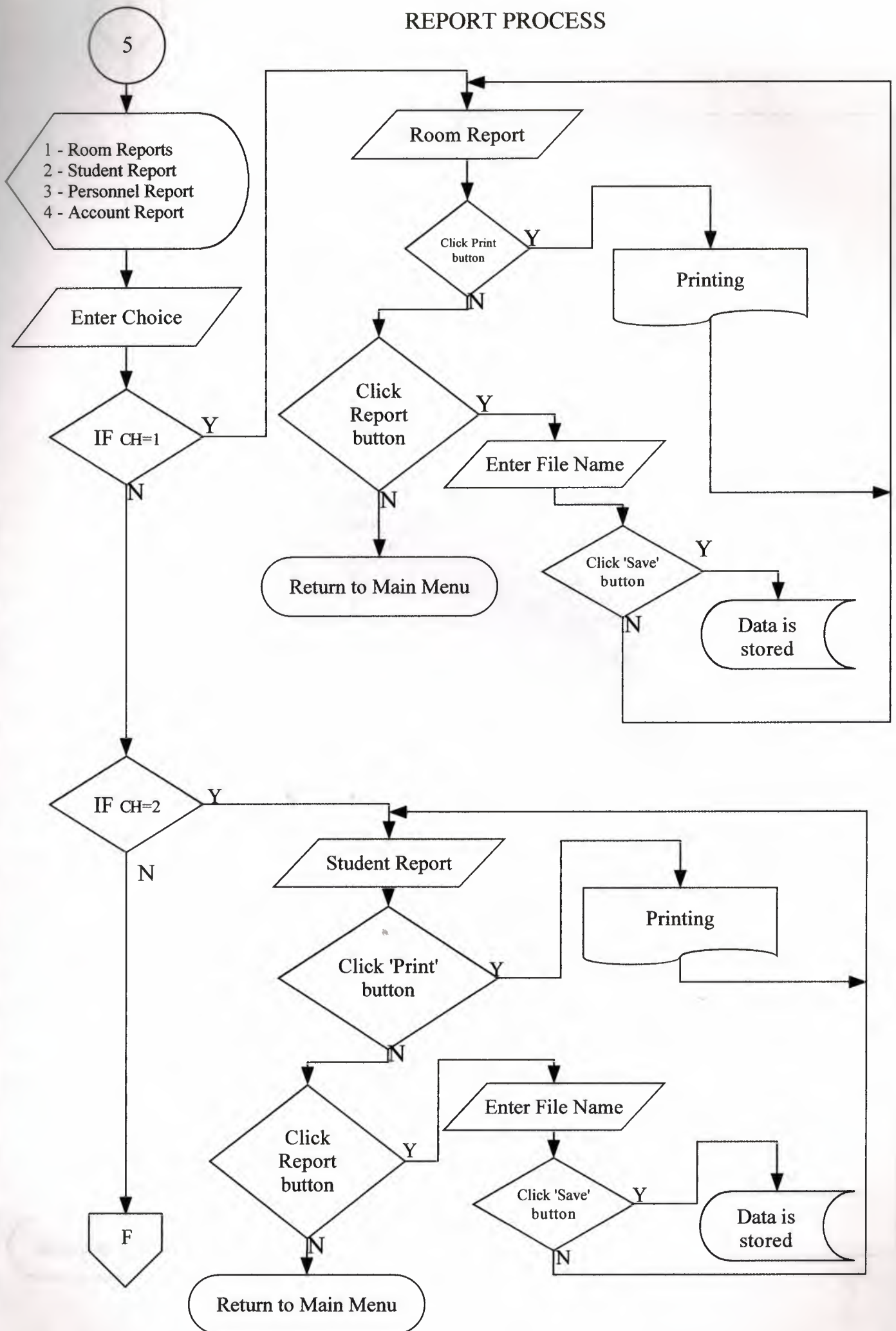
EXPENSES

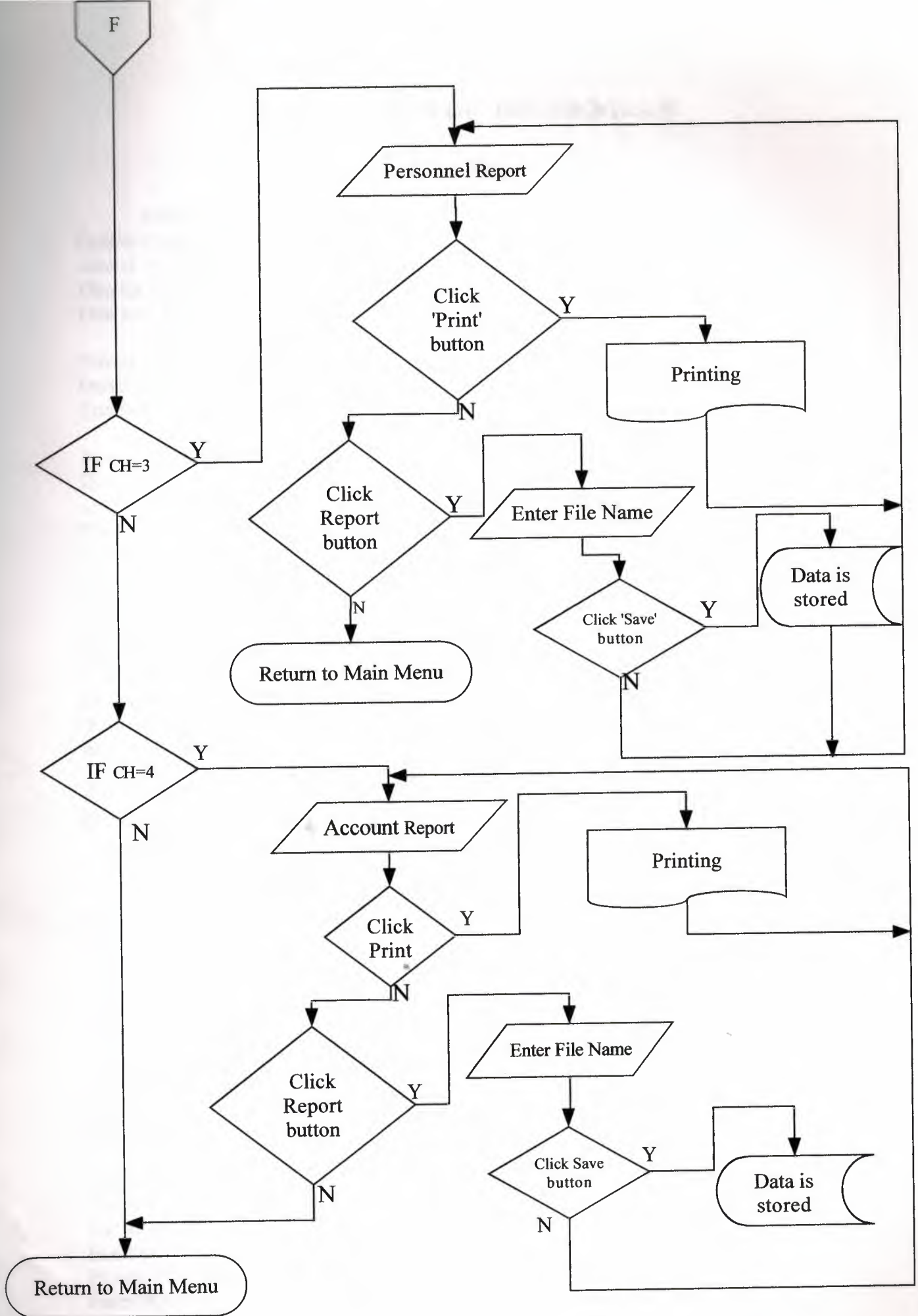






REPORT PROCESS





SOURCE CODES OF THE PROGRAM

MAIN MENU

FORM1.FRM

Option Explicit

Dim cL As New cLogo

Dim ilk As Boolean

Dim ileri As Boolean

Private Sub acc_Click()

DataReport4.Show

End Sub

Private Sub Command1_Click()

Dim cev

cev = MsgBox("Are you sure to exit program ?", 36, "CLOSE")

If cev = vbYes Then

End

End If

End Sub

Private Sub Form_Activate()

If ilk = True Then

ilk = False

End If

End Sub

Private Sub Form_Load()

Form1.Height = 0

Form1.Width = 0

cL.DrawingObject = picLogo

cL.Caption = "DORMITORY Information System"

ilk = True

ileri = True

End Sub

Private Sub Form_Resize()

On Error Resume Next

picLogo.Height = Me.ScaleHeight

On Error GoTo 0

cL.Draw

End Sub

Private Sub mnuacrev_Click()

Form14.Show

Form1.Enabled = False

End Sub

Private Sub mnuexpenses_Click()

Form16.Show

End Sub

Private Sub mnuperad_Click()
Form7.Show
Form1.Enabled = False
End Sub

Private Sub mnuperdel_Click()
Form8.Show
Form1.Enabled = False
End Sub

Private Sub mnuperser_Click()
Form10.Show
Form1.Enabled = False
End Sub

Private Sub mnuperup_Click()
Form9.Show
End Sub

Private Sub mnurad_Click()
Form2.Show
Form1.Enabled = False
End Sub

Private Sub mnurdel_Click()
Form11.Show
Form1.Enabled = False
End Sub

Private Sub mnurodel_Click()
Form3.Show
Form1.Enabled = False
End Sub

Private Sub mnurser_Click()
Form6.Show
Form1.Enabled = False
End Sub

Private Sub mnurup_Click()
Form5.Show
Form1.Enabled = False
End Sub

Private Sub mnusad_Click()
Form4.Show
Form1.Enabled = False
End Sub

```
Private Sub mnusser_Click()  
Form12.Show  
Form1.Enabled = False  
End Sub  
Private Sub mnusup_Click()  
Form13.Show  
End Sub
```

```
Private Sub net_Click()  
Form17.Show  
Form1.Enabled = False  
End Sub
```

```
Private Sub prr_Click()  
DataReport3.Show  
End Sub
```

```
Private Sub rom_Click()  
DataReport1.Show  
End Sub
```

```
Private Sub std_Click()  
DataReport2.Show  
End Sub
```

```
Private Sub Timer1_Timer()  
If ileri Then  
    Line1.X1 = Line1.X1 + 250  
    Line2.X1 = Line2.X1 + 250  
    Line1.X2 = Line1.X2 + 250  
    Line2.X2 = Line2.X2 + 250  
    If Line1.X1 = 13870 Then ileri = False  
Else  
    Line1.X1 = Line1.X1 - 250  
    Line2.X1 = Line2.X1 - 250  
    Line1.X2 = Line1.X2 - 250  
    Line2.X2 = Line2.X2 - 250  
    If Line1.X1 = 120 Then ileri = True  
End If  
End Sub
```

```
Private Sub Timer2_Timer()  
Dim sString As String  
sString = ".....Dormitory Information System Main Menu"  
If Timer2.Tag = 0 Then  
    Me.Caption = sString  
    Timer2.Tag = 1  
ElseIf Timer2.Tag < Len(sString) Then  
    Me.Caption = Right(sString, Len(sString) - Timer2.Tag)  
    Timer2.Tag = Timer2.Tag + 1
```

```

ElseIf Timer2.Tag = Len(sString) Then
Me.Caption = sString
Timer2.Tag = 0
End If
End Sub

```

ROOM ADDING

Select **FORM2.FRM**

```

Option Explicit
Dim cL As New cLogo
Dim cnn As New ADODB.Connection
Dim rst As New ADODB.Recordset
Dim con As String
Private Sub Command1_Click()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Check1.Value = Unchecked
Check2.Value = Unchecked
Check3.Value = Unchecked
Check4.Value = Unchecked
Check5.Value = Unchecked
Text1.SetFocus
End Sub

```

```

Private Sub Command2_Click()
Dim cev, cev1
Dim sayi As Integer
Dim a, b, c, d, e, toplam As String
If Check1 = 1 Then
a = Check1.Caption + ","
Else
a = ""
End If
If Check2 = 1 Then
b = Check2.Caption + ","
Else
b = ""
End If
If Check3 = 1 Then
c = Check3.Caption + ","
Else
c = ""
End If
If Check4 = 1 Then
d = Check4.Caption + ","
Else
d = ""
End If

```



```

If Check5 = 1 Then
e = Check5.Caption
Else
e = ""
End If
toplam = a + b + c + d + e

Select Case Combo1.ListIndex
Case 0
sayi = 1
Case 1
sayi = 2
Case 2
sayi = 4
End Select
If Text1.Text = "" Then
cev = MsgBox("You Must Enter The Room Number", vbCritical, "Save")
Text1.SetFocus
Else
If Text2.Text = "" Then
cev = MsgBox("You Must Enter The Flat ", vbCritical, "Save")
Text2.SetFocus
Else
If Text3.Text = "" Or Not IsNumeric(Text3.Text) Then
cev = MsgBox("You Must Enter The Price ", vbCritical, "Save")
Text3.SetFocus
Else
cev = MsgBox("Do you want to save Room Information", vbQuestion + vbYesNo,
"Save")
If cev = vbYes Then

Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
cnn.Provider = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open cnn
Set rst = New ADODB.Recordset
rst.Open "Select * from room1 where rno=" + Text1.Text + " ", cnn, adOpenKeyset,
adLockOptimistic
If rst.EOF Then
rst.AddNew
rst![rno] = Text1.Text
rst![flat] = Text2.Text
rst![capacity] = sayi
rst![rem] = 0
rst![price] = Text3.Text
rst![RItems] = toplam
rst.Update
rst.Close

```

```

cevl = MsgBox("" + Text1.Text + " No. Room Saved", vbInformation, "Saved")
Else
cev = MsgBox("" + Text1.Text + " No. Room Available", vbInformation, "Save")
If cev = vbOK Then
Command1_Click
End If
End If

End If
End If
End If
End If
End Sub

Private Sub Command3_Click()
mnuexit_Click
End Sub
Private Sub Form_Load()
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
With Combo1
.AddItem "1 Person"
.AddItem "2 People"
.AddItem "4 People"
End With
End Sub
Private Sub Form_MouseUp(Button As Integer, Shift As Integer, x As Single, y As Single)
If Button = 2 Then
PopupMenu mnurr
End If
End Sub
Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
Private Sub mnuexit_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
Private Sub mnunew_Click()
Command1_Click

```

```

End Sub

Private Sub mnusave_Click()
Command2_Click
End Sub

Private Sub Text3_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr(("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

ROOM DELETE

FORM3.FRM

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private con As String
Private rst1 As New ADODB.Recordset
Private rst2 As New ADODB.Recordset

Private Sub Command1_Click()
Dim cev, ara, ogrsay, j, i, cev2
alanlarisil
If Text1.Text = "" Then
cev = MsgBox("Enter the Room Number", vbInformation, "Find")
Text1.Text = ""
Text1.SetFocus
Else
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst = cnn.Execute("Select * from room1 where rno=" & Text1.Text & " ")
If rst.EOF Or rst.BOF Then
Frame2.Visible = False
ara = MsgBox("Record Not Found", vbInformation, "FIND")
Text1.Text = ""
Text1.SetFocus
Else
Frame2.Visible = True
Text2.Text = rst![rno]
Text3.Text = rst![flat]
Text4.Text = rst![capacity]

```



```

Text5.Text = rst![price]
Text6.Text = rst![RItems]
Set rst2 = cnn.Execute("select * from student where rno='" + Text1.Text + "'")
If rst2.EOF Then
Command2.Enabled = True
Else
Set rst1 = cnn.Execute("select count(rno) as say from student where rno='" + Text1.Text + "'")
ogrsay = rst1![say]
Label10.Visible = True
Shape1.Visible = True
Label11.Visible = True
Label12.Visible = True
Label13.Visible = True
For j = 0 To ogrsay - 1
Label7(j).Visible = True
Label8(j).Visible = True
Label9(j).Visible = True
Next
For i = 0 To ogrsay - 1
Label7(i) = rst2![stdno]
Label8(i) = rst2![stdname]
Label9(i) = rst2![stdsur]
rst2.MoveNext
Next
Command2.Enabled = False
cev2 = MsgBox("You can't delete this room ,First remove the students record related room", vbCritical, "Room Search Result")
End If
Text1.Text = ""
Text1.SetFocus
End If
End If
End Sub
Private Sub Command2_Click()
Dim ara
If Len(Text2.Text) = 0 Then
Command1_Click
Else
ara = MsgBox("Do you want to Delete This Record ", 36, "DELETE")
If ara = vbYes Then
cnn.Execute ("delete from room1 where rno='" + Text2.Text + "'")
ara = MsgBox("Record Deleted", vbInformation, "Delete")
Text1.SetFocus
alanlarisil
End If
End If
Text1.SetFocus
Frame2.Visible = False
End Sub

```



```
Private Sub Command3_Click()  
Unload Me  
Form1.Show  
Form1.Enabled = True  
End Sub
```

```
Private Sub Form_Activate()  
Text1.SetFocus  
End Sub
```

```
Private Sub Form_Load()  
alanlarisil  
cL.DrawingObject = picLogo  
cL.Caption = "DORMITORY Information System"  
End Sub
```

```
Private Sub Form_Resize()  
On Error Resume Next  
picLogo.Height = Me.ScaleHeight  
On Error GoTo 0  
cL.Draw  
End Sub
```

```
Public Sub alanlarisil()  
Dim j As Integer  
Text2.Text = ""  
Text3.Text = ""  
Text4.Text = ""  
Text5.Text = ""  
Text6.Text = ""  
Label10.Visible = False  
Shape1.Visible = False  
Label11.Visible = False  
Label12.Visible = False  
Label13.Visible = False  
For j = 0 To 3  
Label7(j).Visible = False  
Label8(j).Visible = False  
Label9(j).Visible = False  
Next  
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)  
Unload Me  
Form1.Show  
Form1.Enabled = True  
End Sub  
Private Sub Text5_KeyPress(KeyAscii As Integer)  
If KeyAscii = 13 Then  
KeyAscii = 0
```

```

SendKeys "(tab)"
ElseIf InStr("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

ROOM UPDATE

FORM5.FRM

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private rst2 As New ADODB.Recordset
Private con As String
Private Sub Command1_Click()
Dim cev, sql As String
cev = MsgBox("Dou you want to update room information", vbQuestion + vbYesNo,
"Update")
If cev = vbYes Then
Set rst2 = New ADODB.Recordset
sql = "update room1 set flat=" & Text3 & ", capacity=" & Text4 & ", price=" & Text5 & ",
RItems=" & Text6 & " where rno=" & Text2 & ""
cnn.Execute (sql)
cev = MsgBox("Update completed", vbInformation, "update")
Text1.Text = ""
Text1.SetFocus
End If
End Sub

Private Sub Command2_Click()
Dim cev, cev1
If Text1.Text = "" Then
cev = MsgBox("Enter the Room Number", vbInformation, "Find")
Text1.Text = ""
Text1.SetFocus
Frame2.Visible = False
Else
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst = cnn.Execute("Select * from room1 where rno=" & Text1.Text & " ")
If rst.EOF Or rst.BOF Then
Frame2.Visible = False

```

```

cev1 = MsgBox("Record not found", vbInformation, "Find")
Text1.Text = ""
Text1.SetFocus
Else
Frame2.Visible = True
Text2.Text = rst![rno]
Text3.Text = rst![flat]
Text4.Text = rst![capacity]
Text5.Text = rst![price]
Text6.Text = rst![RItems]
Text1.Text = ""
Text1.SetFocus
End If
End If
End Sub

```

```

Private Sub Command3_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Form_Activate()
Text1.SetFocus
End Sub

```

```

Private Sub Form_Load()
cL.DrawingObject = picLogo
cL.Caption = "MAF DORMITORY"
End Sub

```

```

Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

```

```

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Text4_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr(("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0

```




```
End If
End Sub

Private Sub Text5_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub
```

ROOM SEARCH

FORM6.FRM

```
Option Explicit
Dim cL As New cLogo
Private rst As New ADODB.Recordset
Private rst1 As New ADODB.Recordset
Private rst2 As New ADODB.Recordset
Private rst3 As New ADODB.Recordset
Private cnn As New ADODB.Connection
Private Sub Command3_Click()
Unload Me
On Error Resume Next
cnn.Close
Form1.Show
Form1.Enabled = True
End Sub

Private Sub Command4_Click()
Dim ask, ara, i, kat, cap, fiy, ro, say
baglan
If Option2 = True Then
Set rst = cnn.Execute("select * from student where rno=" & Text1.Text & " ")
If rst.EOF Then
Adodc4.RecordSource = "select rno, flat, capacity , price from room1 where rno=" &
Text1.Text & ""
Adodc4.Refresh
Set DataGrid1.DataSource = Adodc4
DataGrid1.Caption = "SEARCH By Rooms Number"
DataGrid1.Columns(0).Caption = "Room No"
DataGrid1.Columns(1).Caption = "Flat"
DataGrid1.Columns(2).Caption = "Capacity"
DataGrid1.Columns(3).Caption = "Price"
Else
Adodc4.RecordSource = "Select r.rno, r.flat, r.capacity , r.price, s.stdno, s.stdname,
s.stdsur from room1 as r inner join student as s on r.rno = s.rno where r.rno=" &
Text1.Text & " order by r.rno "
Adodc4.Refresh
Set DataGrid1.DataSource = Adodc4
```



```

DataGrid1.Caption = "SEARCH By Rooms Number"
DataGrid1.Columns(0).Caption = "Room No"
DataGrid1.Columns(1).Caption = "Flat"
DataGrid1.Columns(2).Caption = "Capacity"
DataGrid1.Columns(3).Caption = "Price"
DataGrid1.Columns(4).Caption = "Student No"
DataGrid1.Columns(5).Caption = "Student Name"
DataGrid1.Columns(6).Caption = "Student Surname"
End If
rst.Close
End If
If Option3 = True Then
Set rst1 = cnn.Execute("select * from room1 where flat=" + Text1.Text + "")
If rst1.EOF Or rst1.BOF Then
ask = MsgBox("Flat not found", vbCritical, "Room Search")
Else
Set rst3 = cnn.Execute("select count(flat) as tip from room1 where flat=" + Text1.Text +
"")
Frame3.Visible = True
DataGrid1.Visible = False
say = rst3![tip]
For i = 0 To say
On Error Resume Next
If i = 0 Then
rst1.MoveFirst
Else
rst1.MoveNext
End If
ara = rst1![rno]
kat = rst1![flat]
cap = rst1![capacity]
fiy = rst1![price]
ro = rst1![RItems]

Set rst2 = cnn.Execute("select * from student where rno=" + ara + "")
If rst2.EOF Then
List1(0).AddItem kat
List1(1).AddItem ara
List1(2).AddItem cap
List1(3).AddItem fiy
List1(4).AddItem ro
Else
List1(0).AddItem kat
List1(1).AddItem ara
List1(2).AddItem rst2![stdno]
List1(3).AddItem rst2![stdname]
List1(4).AddItem rst2![stdsur]
End If

Next

```

```
End If
End If
'rst1.Close
```

```
End Sub
```

```
Private Sub Form_Load()
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
Option1.Value = True
End Sub
```

```
Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)
Unload Me
On Error Resume Next
cnn.Close
Form1.Show
Form1.Enabled = True
End Sub
```

```
Private Sub Option1_Click()
Dim sql
Frame3.Visible = False
Frame2.Visible = False
DataGrid1.Visible = True
If Option1.Value = True Then
Adodc1.RecordSource = "Select rno, flat, capacity, price, RItems from room1"
'Adodc1.RecordSource = "Select flat, stdno, stdname from room1, student where
room1.rno=student.rno"
Set DataGrid1.DataSource = Adodc1
DataGrid1.Caption = "LIST OF ALL ROOMS"
DataGrid1.Columns(0).Caption = "Room No"
DataGrid1.Columns(1).Caption = "Flat"
DataGrid1.Columns(2).Caption = "Capacity"
DataGrid1.Columns(3).Caption = "Price"
DataGrid1.Columns(4).Caption = "Room Items"
End If
```

End Sub

```
Private Sub Option2_Click()  
DataGrid1.Visible = True  
Frame3.Visible = False  
Frame2.Visible = True  
Frame2.Caption = "Search Room By Room No"  
Label1.Caption = "Enter The Room No and Click the list button"  
Text1.Text = ""  
Text1.SetFocus  
End Sub
```

```
Private Sub Option3_Click()  
Frame2.Visible = True  
Frame2.Caption = "Search Room By Flat"  
Label1.Caption = "Enter The Flat No and Click the list button"  
Text1.Text = ""  
Text1.SetFocus  
End Sub
```

```
Private Sub Option4_Click()  
Dim sql2  
Frame3.Visible = False  
Frame2.Visible = False  
DataGrid1.Visible = True  
Adodc2.RecordSource = ("Select r.rno, r.flat , s.stdno, s.stdname, s.stdsur from room1 as r  
inner join student as s on r.rno = s.rno order by r.rno ")  
Set DataGrid1.DataSource = Adodc2  
DataGrid1.Caption = "LIST of Student In the Rooms"  
DataGrid1.Columns(0).Caption = "Room No"  
DataGrid1.Columns(1).Caption = "Flat"  
DataGrid1.Columns(2).Caption = "Student No"  
DataGrid1.Columns(3).Caption = "Student Name"  
DataGrid1.Columns(4).Caption = "Student Surname"  
End Sub
```

```
Private Sub Option5_Click()  
Frame3.Visible = False  
Frame2.Visible = False  
DataGrid1.Visible = True  
Adodc3.RecordSource = "Select rno, flat, capacity, rem from room1 where capacity > rem  
order by rno asc"  
'Adodc1.RecordSource = "Select flat, stdno, stdname from room1, student where  
room1.rno=student.rno"  
Set DataGrid1.DataSource = Adodc3  
DataGrid1.Caption = "LIST of EMPTY ROOMS"  
DataGrid1.Columns(0).Caption = "Room No"  
DataGrid1.Columns(1).Caption = "Flat"  
DataGrid1.Columns(2).Caption = "Capacity"  
DataGrid1.Columns(3).Caption = "# of Student"  
End Sub
```



```

Public Sub baglan()
On Error Resume Next
With cnn
.CursorLocation = adUseClient
.ConnectionString = "C:\Inetpub\wwwroot\cis400\dormitory.mdb"
.Provider = "Microsoft.Jet.OLEDB.3.51"
.Open
End With
End Sub

```

STUDENT ADDING

Form4.frm

```

Option Explicit
Dim cL As New cLogo
Dim cnn As New ADODB.Connection
Dim rst As New ADODB.Recordset
Dim con As String
Dim rst1 As New ADODB.Recordset
Dim bag As New ADODB.Recordset
Dim bag1 As New ADODB.Recordset
Dim bag2 As New ADODB.Recordset
Dim bag3 As New ADODB.Recordset
Dim kayit As New ADODB.Recordset
Dim bag4 As New ADODB.Recordset
Dim arttir As Integer
Dim fiyat, ay, oran, alinan, yenodfiy As Long
Private Sub Command1_Click()
Dim sor3, sor2, sor, kon As String
Dim sorgu, kontrol, sql, sql1 As String
Dim tarih, tarih2 As Date
Dim sure, kim As String
Dim sayi, i, j, kontur, kontur1, kontur2, gelir As Integer
Dim tarih1 As Date
If Len(Text1.Text) = 0 Or Len(Text2.Text) = 0 Then
sor2 = MsgBox("Please fill the name and surname of the student", vbCritical, "Mistake")
Text1.SetFocus
Else
If Len(Text4.Text) = 0 Then
sor2 = MsgBox("Please enter the room number ", vbCritical, "Mistake")
Text4.SetFocus
Else
sor3 = MsgBox("Do you want to save ?", vbInformation + vbYesNo, "Save")
If sor3 = vbYes Then
baglan
Set bag4 = cnn.Execute("select sayac from account")

```


If bag4.EOF Or bag4.BOF Then

kontur2 = 1

Else

bag4.MoveLast

kontur2 = bag4![sayac] + 1

End If

If Option1 = True Then

kontrol = "Cash"

gelir = Val(Text8(0))

End If

If Option2 = True Then

kontrol = "Monthly"

gelir = Val(Text12)

End If

kim = "Income from " + Text3 + ":" + " No " + " " + "student"

cnn.Execute ("insert into account (sayac, kaytar, expense, revenu, expla) values(" & kontur2 & ", " & DTPicker2(0).Value & ", " & 0 & ", " & gelir & ", " & kim & " ")")

sorgu = "insert into student(stdno, stdname, stdsur, Rno, Kont, regdate, birthdate, blood, nan, adres, tel, okul) values ("

sorgu = sorgu & "" & Text3.Text & ", "

sorgu = sorgu & "" & Text1.Text & ", "

sorgu = sorgu & "" & Text2.Text & ", "

sorgu = sorgu & "" & Text4.Text & ", "

sorgu = sorgu & "" & kontrol & ", "

sorgu = sorgu & "" & DTPicker2(0).Value & ", "

sorgu = sorgu & "" & DTPicker1.Value & ", "

sorgu = sorgu & "" & Combo1.Text & ", "

sorgu = sorgu & "" & Text5.Text & ", "

sorgu = sorgu & "" & Text6.Text & ", "

sorgu = sorgu & "" & MaskedTextBox1 & ", "

sorgu = sorgu & "" & Text7.Text & " ")"

Set bag = cnn.Execute(sorgu)

sql = "update room1 set rem=" & arttir & " where rno=" + Text4.Text + " "

Set bag1 = cnn.Execute(sql)

If Option2 = True Then

tarih = DTPicker2(0).Value

sure = "m"

sayi = 0

baglan

Set bag3 = cnn.Execute("select say from taksit")

If bag3.EOF Or bag3.BOF Then

kontur = 0

Else

Set bag3 = cnn.Execute("select max(say) as toplam from taksit")

kontur = bag3![toplam] + 1

End If

For i = 1 To Val(Text9.Text) - 1

tarih1 = Format(DateAdd(sure, i, tarih), "short date")

kon = "Unpaid"

kontur1 = kontur + i

```

        baglan
        sql1 = "insert into taksit(say, stdno, taksitsay, taksittar, miktar, kontrol) values( "
        sql1 = sql1 & "" & konturl & ","
        sql1 = sql1 & "" & Text3.Text & ","
        sql1 = sql1 & "" & i & ","
        sql1 = sql1 & "" & tarih1 & ","
        sql1 = sql1 & "" & alinan & ","
        sql1 = sql1 & "" & kon & ")"
        Set bag2 = cnn.Execute(sql1)

```

Next

```

End If
sor = MsgBox("Record Saved", vbInformation, "SAVE")
Command1.Enabled = False
Command2.Enabled = True
Command2.SetFocus
End If
End If
End If
End Sub
Private Sub Command2_Click()
    saydir
    Text1.Text = ""
    Text2.Text = ""
    Text4.Text = ""
    Text8(0).Text = ""
    Option2 = False
    Option1 = True
    Text9.Text = ""
    Text10.Text = ""
    Text11.Text = ""
    Text12.Text = ""
    Text13.Text = ""
    Combo1.Text = "Select"
    Text5.Text = ""
    Text6.Text = ""
    Text7.Text = ""
    MaskedTextBox1.Mask = ""
    MaskedTextBox1.Text = ""
    MaskedTextBox1.Mask = "0(###)###-##-##"
    Text1.SetFocus
    Frame4.Visible = False
    Frame2.Visible = False
    Command1.Enabled = True
    Command2.Enabled = False
End Sub

Private Sub Command3_Click()
    Unload Me

```

```

Form1.Show
Form1.Enabled = True
End Sub

Private Sub Command4_Click()
Dim sorgu, kapasite, cevap, sor
Dim ogrsay As String
If Len(Text4) = 0 Then
sor = MsgBox("Please fill the Room number field", vbCritical, "Room Search")
Text4.SetFocus
Else
Set rst1 = New ADODB.Recordset
sorgu = "Select * from room1 where rno=" & Text4.Text & ""
Set rst1 = cnn.Execute(sorgu)
If rst1.EOF Or rst1.EOF Then
cevap = MsgBox("There is not Room with this number", vbCritical, "Room Search
Result")
Text4.Text = ""
Text4.SetFocus
Else
If rst1![rem] = rst1![capacity] Then
cevap = MsgBox("Room is Full , select another room", vbCritical, "Room Search
Result")
Text4.Text = ""
Text4.SetFocus
Else
kapasite = rst1![capacity]
Select Case rst1![rem]
Case 0
ogrsay = "Room is Empty"
Case 1
ogrsay = " There is 1 Person in the room"
Case 2
ogrsay = "There are 2 People in the room"
Case 3
ogrsay = "There are 3 People in the room"
End Select
cevap = MsgBox("Room capacity is " & kapasite & " and " & ogrsay & " , Do you want
to put in the place this student ?", vbYesNo + vbInformation, "Room Search Result")
If cevap = vbYes Then
arttir = rst1![rem] + 1
fiyat = rst1![price]
Frame4.Visible = True
Frame2.Visible = True
Text8(0).Text = fiyat
DTPicker2(0).SetFocus
Command1.Enabled = True
Else
Text4.Text = ""
Text4.SetFocus

```



```

End If
End If
End If
End If

End Sub

Private Sub Form_Load()
Command2.Enabled = False
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
saydir
DTPicker2(0) = Date
DTPicker1 = Date
With Combo1
.AddItem "ARh+"
.AddItem "ARh-"
.AddItem "BRh+"
.AddItem "BRh-"
.AddItem "ABRh+"
.AddItem "ABRh-"
.AddItem "ORh+"
.AddItem "ORh-"
End With
goster
Option1.Value = Checked
End Sub

Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

Private Sub Option1_Click()
If Option1 = True Then
Frame3.Visible = False
End If
End Sub

Private Sub Option2_Click()
If Option2 = True Then
Frame3.Visible = True
Text9.SetFocus
End If

```



```

End Sub
Private Sub Text1_LostFocus()
Dim Deger, deger2
Deger = Text1.Text
deger2 = UCase(Deger)
Text1.Text = deger2
End Sub

```

```

Private Sub Text10_Change()
On Error Resume Next
oran = Val(Text10.Text)
yenodfiy = fiyat + ((fiyat * oran) / 100)
Text11.Text = yenodfiy
ay = Val(Text9.Text)
alınan = (yenodfiy \ ay)
Text12.Text = alınan
Text13.Text = yenodfiy - alınan
End Sub

```

```

Public Sub saydir()
Dim count
baglan
Set rst = New ADODB.Recordset
rst.Open "Select * from student ", cnn, adOpenKeyset, adLockOptimistic
If rst.EOF Or rst.BOF Then
count = 1
Text3.Text = count
Else
Set rst = cnn.Execute("select max(stdno) as toplam from student")
count = rst![toplam] + 1
Text3.Text = count
End If
End Sub

```

```

Private Sub Text10_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr(("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If

```

```

End Sub
Private Sub Text2_LostFocus()
Dim Deger3, deger4
Deger3 = Text2.Text
deger4 = UCase(Deger3)
Text2.Text = deger4
End Sub
Public Sub goster()

```

```

Frame4.Visible = False
Frame2.Visible = False
End Sub

```

```

Public Sub baglan()
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
End Sub

```

```

Private Sub Text9_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr(("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

DELETE PROCESS

Form11.frm

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private rst1 As New ADODB.Recordset
Private rst2 As New ADODB.Recordset
Private con As String
Private Sub Command1_Click()
Dim ask, Unpaid As String
If Len(Text1.Text) = 0 Then
ask = MsgBox("Please enter the Student No", vbCritical, "Mistake")
Text1.SetFocus
Else
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst = cnn.Execute("Select* from student where stdno=" + Text1.Text + " ")
If rst.EOF Or rst.BOF Then

```

```

MsgBox "Record not found", vbCritical, "Student Delete"
Text1.Text = ""
Text1.SetFocus
Frame2.Visible = False
Frame3.Visible = False
Else
Frame2.Visible = True
Text2 = rst![stdno]
Text3 = rst![stdname]
Text4 = rst![stdsur]
Text5 = rst![rno]
Set rst1 = cnn.Execute("Select stdno, taksitsay, taksittar, miktar, kontrol from taksit where
stdno=" & Text1.Text & " order by taksitsay asc ")
If rst1.EOF Or rst1.BOF Then
Frame3.Visible = False
Else
Frame3.Visible = True
Set DataGrid1.DataSource = rst1
DataGrid1.Caption = "Student Installment Plan"
DataGrid1.Columns(0).Caption = "Student No"
DataGrid1.Columns(1).Caption = "Installment No"
DataGrid1.Columns(2).Caption = "Installment Date"
DataGrid1.Columns(3).Caption = "Amount"
DataGrid1.Columns(3).Alignment = dbgRight
DataGrid1.Columns(4).Caption = "Situation"
Text1.Text = ""
Text1.SetFocus
End If
End If
End If
End Sub

```

```

Private Sub Command2_Click()
Dim sor As String
sor = MsgBox("Do you want to delete Student record ?", vbInformation + vbYesNo,
"Student delete")
If sor = vbYes Then
cnn.Execute ("delete from student where stdno=" + Text2 + "")
cnn.Execute ("delete from taksit where stdno=" + Text2 + "")
cnn.Execute ("update room1 set rem=rem-1 where rno=" + Text5 + "")
Frame2.Visible = False
Frame3.Visible = False
Text1.Text = ""
Text1.SetFocus
Else
Frame2.Visible = False
Frame3.Visible = False
Text1.Text = ""
Text1.SetFocus
End IfEnd Sub

```



```

Private Sub Command3_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
Private Sub Form_Load()
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
End Sub

```

```

Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

```

```

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
Private Sub Text1_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr(("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

STUDENT UPDATE

Form13.frm

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private con As String

Private Sub Command1_Click()
If Len(Text1) = 0 Then
MsgBox "Please enter the Student Number", vbCritical, "Find"
Text1.SetFocus
Else
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"

```



```

cnn.Open con
Set rst = cnn.Execute("select * from student where stdno=" + Text1.Text + "")
If rst.EOF Or rst.BOF Then
Frame2.Visible = False
MsgBox "Student record not found !", vbCritical, "Find"
Text1.SetFocus
Else
Frame2.Visible = True
Text2 = rst![stdno]
Text3 = rst![stdname]
Text4 = rst![stdsur]
DTPicker1 = rst![birthdate]
Text5 = rst![blood]
Text6 = rst![nan]
Text7 = rst![adres]
Text8 = rst![tel]
Text9 = rst![okul]
End If
End If
End Sub

```

```

Private Sub Command2_Click()
Dim sor
sor = MsgBox("Do you want to update Student Information ?", vbQuestion + vbYesNo,
"Student Update")
If sor = vbYes Then
cnn.Execute ("update student set stdname=" + Text3 + ", stdsur=" + Text4 + ", blood=" +
Text5 + ", nan=" + Text6 + ", adres=" + Text7 + ", tel=" + Text8 + ", okul=" + Text9
+ " where stdno=" + Text2 + "")
MsgBox "Student Information Updated !", vbInformation, "Student Update"
Frame2.Visible = False
Text1.Text = ""
Text1.SetFocus
Else
Frame2.Visible = False
Text1.Text = ""
Text1.SetFocus
End If
End Sub

```

```

Private Sub Command3_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Form_Activate()
Text1.SetFocus
End Sub
Private Sub Form_Load()

```

```

cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
End Sub

```

```

Private Sub Form_Resize()
On Error Resume Next
    picLogo.Height = Me.ScaleHeight
    On Error GoTo 0
    cL.Draw
End Sub

```

```

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Text1_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    KeyAscii = 0
    SendKeys "(tab)"
ElseIf InStr("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
    KeyAscii = 0
End If
End Sub

```

STUDENT SEARCH

Form12.frm

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private con, sql As String
Private devam As Boolean
Private Sub Command1_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Command2_Click()
Dim cev As String
If Len(Text1.Text) = 0 And Option1 = False Then
    cev = MsgBox("Please fill the field with related criteria", vbInformation, "Search")
    Text1.SetFocus
Else
    If Option3 = True Then

```

```

sql = "select * from student where stdname like '" & Text1.Text & "%" & ""
devam = True
End If
If Option2 = True Then
If Not IsNumeric(Text1) Then
cev = MsgBox("You must enter numeric character for this criteria", vbCritical, "Mistake")
Text1.Text = ""
Text1.SetFocus
devam = False
Else
sql = "select * from student where stdno=" + Text1.Text + ""
devam = True
End If
End If
If Option4 = True Then
devam = True
sql = "select * from student where rno=" + Text1.Text + ""
End If
End If
If Option1 = True Then
sql = "select * from student "
devam = True
End If
If devam = True Then
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst = cnn.Execute(sql)
If rst.EOF Then
DataGrid1.Visible = False
cev = MsgBox("Record Not Found", vbCritical, "Student Search")
Else
DataGrid1.Visible = True
Set DataGrid1.DataSource = rst
If Option1 = True Then
DataGrid1.Caption = "LIST OF ALL STUDENTS"
End If
If Option2 = True Then
DataGrid1.Caption = "Search By Student No"
End If
If Option3 = True Then
DataGrid1.Caption = "Search By Student Name"
End If
If Option4 = True Then
DataGrid1.Caption = "Search By Student's Room No"
End If
DataGrid1.Columns(0).Caption = "No"
DataGrid1.Columns(1).Caption = "Name"

```



```

    DataGrid1.Columns(2).Caption = "Surname"
    DataGrid1.Columns(3).Caption = "Room No"
    DataGrid1.Columns(4).Caption = "Payment Type"
    DataGrid1.Columns(5).Caption = "Registration Date"
    DataGrid1.Columns(6).Caption = "Birthdate"
    DataGrid1.Columns(7).Caption = "Blood Group"
    DataGrid1.Columns(8).Caption = "Nationality"
    DataGrid1.Columns(9).Caption = "Address"
    DataGrid1.Columns(10).Caption = "Phone No"
    DataGrid1.Columns(11).Caption = "School"
End If
End If
End Sub

```

```

Private Sub Form_Load()
    devam = False
    Option1 = True
    If Option1 = True Then
        Text1.Enabled = False
    End If
    cL.DrawingObject = picLogo
    cL.Caption = "DORMITORY Information System"
End Sub

```

```

Private Sub Form_Resize()
    On Error Resume Next
    picLogo.Height = Me.ScaleHeight
    On Error GoTo 0
    cL.Draw
End Sub

```

```

Private Sub Form_Unload(Cancel As Integer)
    Unload Me
    Form1.Show
    Form1.Enabled = True
End Sub

```

```

Private Sub Option1_Click()
    If Option1 = True Then
        Text1.Enabled = False
    End If
End Sub

```

```

Private Sub Option2_Click()
    If Option2 = True Then
        Text1.Enabled = True
        Text1.SetFocus
    End If
End Sub

```



```

Private Sub Option3_Click()
If Option3 = True Then
Text1.Enabled = True
Text1.SetFocus
End If
End Sub

```

```

Private Sub Option4_Click()
If Option4 = True Then
Text1.Enabled = True
Text1.SetFocus
End If
End Sub

```

PERSONNEL ADDING

Form7.frm

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private rst2 As New ADODB.Recordset
Private con As String
Private Sub Command1_Click()
Dim sorgu, ask, ask1 As String
If Len(Text1.Text) = 0 And Len(Text2.Text) = 0 Then
ask1 = MsgBox("Please fill the name and surname fields", vbCritical, "Personnel")
Text1.SetFocus
Else
If Len(Text3.Text) = 0 Then
ask1 = MsgBox("Please fill the SSN field", vbCritical, "Personnel")
Text3.SetFocus
Else
If Len(Text5.Text) = 0 Then
ask1 = MsgBox("Please fill the salary field", vbCritical, "Personnel")
Text5.SetFocus
Else
If Len(Text4.Text) = 0 Then
ask1 = MsgBox("Please fill the address field", vbCritical, "Personnel")
Text4.SetFocus
Else
If Len(Text6.Text) = 0 Then
ask1 = MsgBox("Please fill the Phone number field", vbCritical, "Personnel")
Text6.SetFocus
Else
If Combo1.Text = "Select" Then
ask1 = MsgBox("Please select the gender", vbCritical, "Personnel")
Combo1.SetFocus
Else

```

```

ask = MsgBox("Do you want to save ?", vbQuestion + vbYesNo, "Personnel")
If ask = vbYes Then
    baglan
    sorgu = "insert into employe(empno, empname, empsur, ssn, bdate, salary, birdate, adres,
    phone, cender) values ( "
    sorgu = sorgu & "" & Label2 & ", "
    sorgu = sorgu & "" & Text1.Text & ", "
    sorgu = sorgu & "" & Text2.Text & ", "
    sorgu = sorgu & "" & Text3.Text & ", "
    sorgu = sorgu & "" & DTPicker2.Value & ", "
    sorgu = sorgu & "" & Text5.Text & ", "
    sorgu = sorgu & "" & DTPicker1.Value & ", "
    sorgu = sorgu & "" & Text4.Text & ", "
    sorgu = sorgu & "" & Text6.Text & ", "
    sorgu = sorgu & "" & Combo1.Text & ") "
    cnn.Execute (sorgu)
    ask = MsgBox("Record saved succesfully", vbInformation, "Personnel")
    Command2.Enabled = True
    Command1.Enabled = False
End If
End If
End If
End If
End If
End If
End If
End Sub

```

```

Private Sub Command2_Click()
    saydir1
    Text1.Text = ""
    Text2.Text = ""
    Text3.Text = ""
    DTPicker2.Value = Date
    Text5.Text = ""
    DTPicker1.Value = Date
    Text4.Text = ""
    Text6.Text = ""
    Combo1.Text = "Select"
    Text1.SetFocus
    Command2.Enabled = False
    Command1.Enabled = True
End Sub

```

```

Private Sub Command3_Click()
    Unload Me
    Form1.Show
    Form1.Enabled = True
End Sub

```

```
Private Sub Form_Activate()  
Text1.SetFocus  
End Sub
```

```
Public Sub saydir1()  
Dim count  
baglan
```

```
Set rst = cnn.Execute("Select * from employe")  
If rst.EOF Or rst.BOF Then  
count = 1  
Label2 = count  
Else  
Set rst2 = cnn.Execute("select max(empno) as toplam from employe")  
count = rst2![toplam] + 1  
Label2 = count  
End If  
End Sub
```

```
Private Sub Form_Load()  
cL.DrawingObject = picLogo  
cL.Caption = "DORMITORY Information System"  
With Combo1  
.AddItem "Male"  
.AddItem "Female"  
End With  
DTPicker1 = Date  
DTPicker2 = Date  
saydir1  
End Sub
```

```
Private Sub Form_Resize()  
On Error Resume Next  
picLogo.Height = Me.ScaleHeight  
On Error GoTo 0  
cL.Draw  
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)  
Unload Me  
Form1.Show  
Form1.Enabled = True  
End Sub
```

```
Private Sub Text1_LostFocus()  
Dim Deger, deger2  
Deger = Text1.Text  
deger2 = UCase(Deger)  
Text1.Text = deger2  
End Sub
```

```

Private Sub Text2_LostFocus()
Dim Deger, deger2
Deger = Text2.Text
deger2 = UCase(Deger)
Text2.Text = deger2
End Sub

```

```

Private Sub Text5_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr(("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

```

Private Sub baglan()
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
End Sub

```

PERSONNEL DELETE

Form8.frm

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private con As String

Private Sub Command1_Click()
Dim cev, cev1
cev = MsgBox("Do you want to delete record which " + Text11 + ":" + Text1 + "",
vbQuestion + vbYesNo, "Delete")
If cev = vbYes Then
cnn.Execute ("delete from employe where empno=" + Text11.Text + "")
Command1.Enabled = False
Frame1.Visible = False
Frame2.Visible = False
Text7.Text = ""
cev1 = MsgBox("Record deleted", vbInformation, "Delete")
Text7.SetFocus
End If

```



```
Text7.Text = ""
Text7.SetFocus
End Sub
```

```
Private Sub Command2_Click()
Dim cev, cev1
If Text7.Text = "" Then
cev = MsgBox("Enter the Personnel Number", vbInformation, "Find")
Text7.SetFocus
Else
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst = cnn.Execute("Select * from employe where empno=" + Text7.Text + " ")
If rst.EOF Or rst.BOF Then
Command1.Enabled = False
Frame1.Visible = False
Frame2.Visible = False
cev1 = MsgBox("Record not found", vbInformation, "Find")
Text7.Text = ""
Text7.SetFocus
Else
Command1.Enabled = True
Frame1.Visible = True
Frame2.Visible = True
Text11.Text = rst![empno]
Text1.Text = rst![empname]
Text2.Text = rst![empsur]
Text3.Text = rst![ssn]
Text8.Text = rst![bdate]
Text5.Text = rst![salary]
Text9.Text = rst![birdate]
Text4.Text = rst![adres]
Text6.Text = rst![phone]
Text10.Text = rst![cender]
Text7.Text = ""
Text7.SetFocus
End If
End If
End Sub
```

```
Private Sub Command3_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
```

```
Private Sub Form_Activate()  
Text7.SetFocus  
End Sub
```

```
Private Sub Form_Load()  
cL.DrawingObject = picLogo  
cL.Caption = "DORMITORY Information System"  
End Sub
```

```
Private Sub Form_Resize()  
On Error Resume Next  
picLogo.Height = Me.ScaleHeight  
On Error GoTo 0  
cL.Draw  
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)  
Unload Me  
Form1.Show  
Form1.Enabled = True  
End Sub
```

```
Private Sub Text7_KeyPress(KeyAscii As Integer)  
If KeyAscii = 13 Then  
KeyAscii = 0  
SendKeys "(tab)"  
ElseIf InStr(("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then  
KeyAscii = 0  
End If  
End Sub
```

PERSONNEL UPDATE

Form9.frm

```
Option Explicit  
Dim cL As New cLogo  
Private cnn As New ADODB.Connection  
Private rst As New ADODB.Recordset  
Private con As String  
Private Sub Command1_Click()  
Dim cev, cev1  
If Text7.Text = "" Then  
cev = MsgBox("Enter the Personnel Number", vbInformation, "Find")  
Text7.SetFocus  
Else  
Set cnn = New ADODB.Connection  
cnn.CursorLocation = adUseClient  
con = "Provider=Microsoft.jet.oledb.3.51;Data  
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
```

```

cnn.Open con
Set rst = cnn.Execute("Select * from employe where empno=" + Text7.Text + " ")
If rst.EOF Or rst.BOF Then
    Frame1.Visible = False
    Frame2.Visible = False
    cev1 = MsgBox("Record not found", vbInformation, "Find")
    Text7.Text = ""
    Text7.SetFocus
Else
    Frame1.Visible = True
    Frame2.Visible = True
    Text11.Text = rst![empno]
    Text1.Text = rst![empname]
    Text2.Text = rst![empsur]
    Text3.Text = rst![ssn]
    Text8.Text = rst![bdate]
    Label13.Caption = rst![salary]
    Text9.Text = rst![birdate]
    Text4.Text = rst![adres]
    Text6.Text = rst![phone]
    Text10.Text = rst![cender]
    Text7.Text = ""
    Text7.SetFocus
End If
End If
End Sub

Private Sub Command2_Click()
Dim cev, sql As String
Dim toplam
cev = MsgBox("Dou you want to update personnel information", vbQuestion + vbYesNo,
"Update")
If cev = vbYes Then
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
If Text5 = "" Then
toplam = Val(Label13.Caption)
Else
toplam = Val(Label14.Caption)
End If
sql = "update employe set empname=" + Text1 + ", empsur=" + Text2 + ", ssn=" +
Text3 + ", bdate=" + Text8 + ", salary=" & toplam & ", birdate=" + Text9 + ", adres=" +
Text4 + ", phone=" + Text6 + ", cender=" + Text10 + " where empno=" + Text11 + ""
cnn.Execute (sql)
cev = MsgBox("Update completed", vbInformation, "Update")
Text7.Text = ""
Text7.SetFocus

```



```

Text5.Text = ""
Label14 = ""
Option1 = True
Frame2.Visible = False
Frame1.Visible = False
Else
Text7.Text = ""
Text7.SetFocus
Text5.Text = ""
Label14 = ""
Option1 = True
Frame2.Visible = False
Frame1.Visible = False
End If
End Sub

```

```

Private Sub Command3_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Form_Activate()
Text7.SetFocus
End Sub

```

```

Private Sub Form_Load()
Option1 = True
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
End Sub

```

```

Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

```

```

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Text5_LostFocus()
Dim artir
If Option1 = True Then
artir = Val(Text5) + Val(Label13)
Label14.Caption = artir

```



```

End If
If Option2 = True Then
    artir = Val(Label13) - Val(Text5)
    Label14.Caption = artir
End If
End Sub

Private Sub Text7_KeyPress(KeyAscii As Integer)
    If KeyAscii = 13 Then
        KeyAscii = 0
        SendKeys "(tab)"
    ElseIf InStr("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
        KeyAscii = 0
    End If
End Sub

```

PERSONNEL SEARCH

FORM10.FRM

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private con As String
Private devam As Boolean
Private Sub Command1_Click()
    Dim cev, cev1, sql As String
    If Len(Text1.Text) = 0 Then
        cev = MsgBox("Please enter the search criteria !", vbCritical, "Search")
        Text1.SetFocus
    Else
        If Option1 = True Then
            If Not IsNumeric(Text1) Then
                cev1 = MsgBox("Please enter Numeric charecter for Personel search by No", vbCritical, "Mistake")
                Text1.SetFocus
                devam = False
            Else
                devam = True
                sql = "select * from employe where empno=" & Text1 & ""
            End If
        End If
        If Option2 = True Then
            devam = True
            sql = "select * from employe where empname like '" & Text1 & "%" & ""
        End If
        If Option3 = True Then
            devam = True

```

```

        sql = "select * from employe where ssn=" + Text1 + ""
    End If
If devam = True Then
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst = cnn.Execute(sql)
If rst.EOF Or rst.BOF Then
cev1 = MsgBox("Record not found", vbCritical, "Search")
Text1.Text = ""
Text1.SetFocus
Else
Set DataGrid1.DataSource = rst
End If
End If
End If
End Sub

```

```

Private Sub Command3_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
Private Sub Form_Load()
devam = False
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
Option1 = True
End Sub

```

```

Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

```

```

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

REVENUE

FORM14.frm

```
Option Explicit
Dim cL As New cLogo
Dim cnn As New ADODB.Connection
Dim rst1 As New ADODB.Recordset
Dim rst2 As New ADODB.Recordset
Dim rst3 As New ADODB.Recordset
Dim rst4 As New ADODB.Recordset
Dim rst5 As New ADODB.Recordset
Dim bag4 As New ADODB.Recordset
Dim con As String
Private Sub Command1_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

Private Sub Command2_Click()
Dim cev, kosul As String
If Len(Text1) = 0 Then
cev = MsgBox("You must enter student no", vbCritical, "Student Search")
DataGrid1.Visible = False
Frame1.Visible = False
Text1.SetFocus
Else
baglanti
Set rst2 = cnn.Execute("select * from student where stdno=" + Text1 + " ")
If rst2.EOF Or rst2.BOF Then
DataGrid1.Visible = False
Frame1.Visible = False
cev = MsgBox("Student record not available", vbInformation, "Student search result")
Text1.Text = ""
Text1.SetFocus
Else
If rst2![kont] = "Cash" Then
DataGrid1.Visible = False
Frame1.Visible = False
cev = MsgBox("There is not dept of wanted Student", vbInformation, "Student search result")
Text1.Text = ""
Text1.SetFocus
Else
kosul = "Unpaid"
```



```

baglanti
Set rst1 = cnn.Execute("Select stdno, taksitsay, taksittar, miktar, kontrol from taksit where
stdno=" & Text1.Text & " and kontrol=" & kontrol & " order by taksitsay asc ")
If rst1.EOF Or rst1.BOF Then
DataGrid1.Visible = False
Frame1.Visible = False
cev = MsgBox("There is not dept of wanted student", vbInformation, "Student Search")
Text1.Text = ""
Text1.SetFocus
Else
DataGrid1.Visible = True
Frame1.Visible = True
Set DataGrid1.DataSource = rst1
DataGrid1.Caption = "Student Installment Plan"
DataGrid1.Columns(0).Caption = "Student No"
DataGrid1.Columns(1).Caption = "Installment No"
DataGrid1.Columns(2).Caption = "Installment Date"
DataGrid1.Columns(3).Caption = "Amount"
DataGrid1.Columns(3).Alignment = dbgRight
DataGrid1.Columns(4).Caption = "Situation"
Text3.Text = ""
Text3.SetFocus
End If
End If
End If
End If
End Sub

```

```

Private Sub Command3_Click()
Form15.Show
Form14.Enabled = False
End Sub

```

```

Private Sub Command4_Click()
Dim sor, kim As String
Dim kontur2, odeme, ogrno
If Len(Text3) = 0 Then
sor = MsgBox("You must enter Installment Number that will pay !", vbCritical,
"Payment")
Text3.SetFocus
Else
ogrno = Text1.Text
Set rst3 = cnn.Execute("select * from taksit where stdno=" + ogrno + " and taksitsay=" +
Text3 + " ")
If rst3.EOF Then
sor = MsgBox("Installment Number not available !", vbCritical, "Payment")
Text3.Text = ""
Text3.SetFocus
Else
If rst3![kontrol] = "Paid" Then

```



```

sor = MsgBox("This Installment Number paid before !", vbCritical, "Payment")
Text3.Text = ""
Text3.SetFocus
Else
odeme = Val(rst3![miktar])
cnn.Execute ("update taksit set kontrol=" & "Paid" & " where stdno=" + ogrno + " and
taksitsay=" + Text3 + "")
Set bag4 = cnn.Execute("select sayac from account")
If bag4.EOF Or bag4.BOF Then
kontur2 = 1
Else
bag4.MoveLast
kontur2 = bag4![sayac] + 1
End If
kim = "Income from " + ogrno + ":" + " No " + " " + "student"
cnn.Execute ("insert into account (sayac, kaytar, expense, revenu, expla) values(" &
kontur2 & ", " & Label5.Caption & ", " & 0 & ", " & odeme & ", " & kim & " )")
DataGrid1.Visible = False
Frame1.Visible = False

```

```

Set rst4 = cnn.Execute("select revenu from account")
If rst4.EOF Then
Text2 = 0
Else
Set rst5 = cnn.Execute("select sum(revenu) as toplam from account")
Text2 = rst5![toplam]
End If

```

```

sor = MsgBox("Payment completed", vbInformation, "Payment")
End If
End If
End If
End Sub

```

```

Private Sub Form_Activate()
Text1.SetFocus
End Sub

```

```

Private Sub Form_Load()
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
Label5 = Date
gelir
End Sub

```

```

Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

```

```

Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub

```

```

Private Sub Text1_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

```

Public Sub baglanti()
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
End Sub

```

```

Public Sub gelir()
baglanti
Set rst4 = cnn.Execute("select revenu from account")
If rst4.EOF Then
Text2 = 0
Else
Set rst5 = cnn.Execute("select sum(revenu) as toplam from account")
Text2 = rst5![toplam]
End If
End Sub

```

EXPENSE

FORM16.FRM

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private rst1 As New ADODB.Recordset
Private rst4 As New ADODB.Recordset
Private rst5 As New ADODB.Recordset
Private bag4 As New ADODB.Recordset
Private con As String
Private Sub Command1_Click()
Dim cev, cev1
If Text1.Text = "" Then

```

```

cev = MsgBox("Enter the Personnel Number", vbInformation, "Find")
Text1.SetFocus
Else
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst = cnn.Execute("Select * from employe where empno=" + Text1.Text + " ")
    If rst.EOF Or rst.BOF Then
Frame2.Visible = False
cev1 = MsgBox("Record not found", vbInformation, "Find")
Text1.Text = ""
Text1.SetFocus
Else
Frame2.Visible = True
Label4 = rst![empno]
Label5 = rst![empname]
Label6 = rst![empsur]
Label8 = rst![ssn]
Label10 = rst![salary]
End If
End If
End Sub
Private Sub Command2_Click()
Dim personel, sor As String
Dim paymet As Long
Dim ara, metin, i, yer, kontur2, karsilas1, karsilas2
sor = MsgBox("Are you confirm the payment to personnel", vbInformation + vbYesNo,
"Expense")
If sor = vbYes Then
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
personel = "Salary expense to " + Label4 + " No" + " Personnel"
    Set bag4 = cnn.Execute("select sayac from account")
    If bag4.EOF Or bag4.BOF Then
kontur2 = 1
Else
bag4.MoveLast
kontur2 = bag4![sayac] + 1
End If
Set rst1 = cnn.Execute("select * from account where expla=" + personel + "")
If rst1.EOF Or rst1.BOF Then
cnn.Execute ("insert into account (sayac, kaytar, expense, revenu, expla) values(" &
kontur2 & ", " & Label14 & ", " & Label10 & ", " & 0 & ", " & personel & " )")
sor = MsgBox("Salary Expense saved !", vbInformation, "Expense")
Frame2.Visible = False

```



```

Text1 = ""
Text1.SetFocus
gider
Else
karsilas1 = rst1![kaytar]
karsilas2 = Date
If Month(karsilas1) = Month(karsilas2) Then
sor = MsgBox("This Personnel Salary Paid for this month", vbCritical, "Expense")
Else
cnn.Execute ("insert into account (sayac, kaytar, expense, revenu, expla) values(" &
kontur2 & ", " & Label14 & ", " & Label10 & ", " & 0 & ", " & personel & " )")
sor = MsgBox("Salary Expense saved !", vbInformation, "Expense")
Frame2.Visible = False
Text1 = ""
Text1.SetFocus
gider
End If
End If
End Sub

Private Sub Command3_Click()
Dim ask, expense As String
Dim kontur2
If Len(Text2) = 0 Then
ask = MsgBox("Please fill the Invoice Number !", vbCritical, "Expense")
Text2.SetFocus
Else
If Len(Text3) = 0 Then
ask = MsgBox("Please fill the Description !", vbCritical, "Expense")
Text3.SetFocus
Else
If Len(Text4) = 0 Then
ask = MsgBox("Please fill the amount of expense !", vbCritical, "Expense")
Text4.SetFocus
Else
ask = MsgBox("Are you confirm the expense ?", vbQuestion + vbYesNo, "Expense")
If ask = vbYes Then
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
expense = "Expense to " + Text2 + " No " + Text3
Set bag4 = cnn.Execute("select sayac from account")
If bag4.EOF Or bag4.BOF Then
kontur2 = 1
Else
bag4.MoveLast
kontur2 = bag4![sayac] + 1

```



```

End If
cnn.Execute ("insert into account (sayac, kaytar, expense, revenu, expla) values(" &
kontur2 & ", " & Label14 & ", " & Text4 & ", " & 0 & ", " & expense & " )")
ask = MsgBox("Expense saved !", vbInformation, "Expense")
Frame3.Visible = False
Text2 = ""
Text3 = ""
Text4 = ""
gider
End If
End If
End If
End If
End Sub

```

```

Private Sub Form_Load()
Label14 = Date
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
Option1 = True
gider
End Sub

```

```

Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub

```

```

Private Sub Option1_Click()
If Option1 = True Then
Frame1.Visible = True
Frame3.Visible = False
End If
End Sub

```

```

Private Sub Option2_Click()
If Option2 = True Then
Frame1.Visible = False
Frame2.Visible = False
Frame3.Visible = True
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text2.SetFocus
End If
End Sub

```

```

Private Sub Text1_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

```

Private Sub Text4_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
KeyAscii = 0
SendKeys "(tab)"
ElseIf InStr("1234567890" & vbBack & ""), Chr(KeyAscii)) = 0 Then
KeyAscii = 0
End If
End Sub

```

```

Public Sub gider()
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst4 = cnn.Execute("select expense from account")
If rst4.EOF Then
Text5 = 0
Else
Set rst5 = cnn.Execute("select sum(expense) as toplam from account")
Text5 = rst5![toplam]
End If
End Sub

```

NET INCOME

FORM17.FRM

```

Option Explicit
Dim cL As New cLogo
Private cnn As New ADODB.Connection
Private rst As New ADODB.Recordset
Private rst1 As New ADODB.Recordset
Private con As String
Private Sub Command1_Click()
Dim baslangic_tarihi, bitis_tarihi
Dim sor
On Error Resume Next
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\Inetpub\wwwroot\cis400\dormitory.mdb"

```

```

cnn.Open con
baslangic_tarihi = Mid$(DTPicker1, 1, 2) & "/" & Mid$(DTPicker1, 4, 2) & "/" &
Mid$(DTPicker1, 7, 4)
bitis_tarihi = Mid$(DTPicker2, 1, 2) & "/" & Mid$(DTPicker2, 4, 2) & "/" &
Mid$(DTPicker2, 7, 4)
Set rst1 = cnn.Execute("select * from account where ((kaytar) Between datevalue("'" &
baslangic_tarihi & "'") AND datevalue("'" & bitis_tarihi & "'"))")
If rst1.EOF Or rst1.BOF Then
Text1 = ""
Text2 = ""
Text3 = ""
Label6 = ""
Label5.Caption = "Net Income "
MsgBox "No Record Between This Dates ", vbInformation, "Net Income"
Else
Set rst = cnn.Execute("Select sum(revenu) as tpc, sum(expense) as tapc from account
where ((kaytar) Between datevalue("'" & baslangic_tarihi & "'") AND datevalue("'" &
bitis_tarihi & "'"))")
Text1.Text = rst![tpc]
Text2.Text = rst![tapc]
Text3.Text = Text1 - Text2
If Val(Text3) < 0 Then
Label5.Caption = "Net Loss "
End If
Label6 = Label5 + " Between " + baslangic_tarihi + " and " + bitis_tarihi
End If
End Sub

Private Sub Command2_Click()
On Error Resume Next
Set cnn = New ADODB.Connection
cnn.CursorLocation = adUseClient
con = "Provider=Microsoft.jet.oledb.3.51;Data
source=C:\inetpub\wwwroot\cis400\dormitory.mdb"
cnn.Open con
Set rst1 = cnn.Execute("select * from account ")
If rst1.EOF Or rst1.BOF Then
Text1 = ""
Text2 = ""
Text3 = ""
Label6 = ""
Label5.Caption = "Net Income "
Text3 = 0
Else
Set rst = cnn.Execute("Select sum(revenu) as tpc, sum(expense) as tapc from account")
Text1.Text = rst![tpc]
Text2.Text = rst![tapc]
Text3.Text = Text1 - Text2
If Val(Text3) < 0 Then
Label5.Caption = "Net Loss "

```

SCREEN OUTPUT

```
End If
Label6 = ""
End If
End Sub
```

```
Private Sub Command3_Click()
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
```

```
Private Sub Form_Load()
cL.DrawingObject = picLogo
cL.Caption = "DORMITORY Information System"
End Sub
```

```
Private Sub Form_Resize()
On Error Resume Next
picLogo.Height = Me.ScaleHeight
On Error GoTo 0
cL.Draw
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)
Unload Me
Form1.Show
Form1.Enabled = True
End Sub
```


SCREEN OUTPUT

Main Menu of Dormitory Information System



Figure 1

My projects Main Menu appears as you see on Figure 1 as soon as the program initiated. It has five main menus. These are Room, Student, Personnel, Account, Report processes.

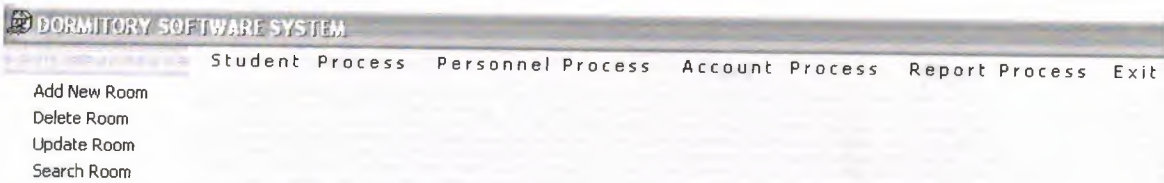


Figure 2

The first menu is room process menu. If we click room process menu as you have seen it has 5 submenus. These are add new room, delete room, update room, search room.

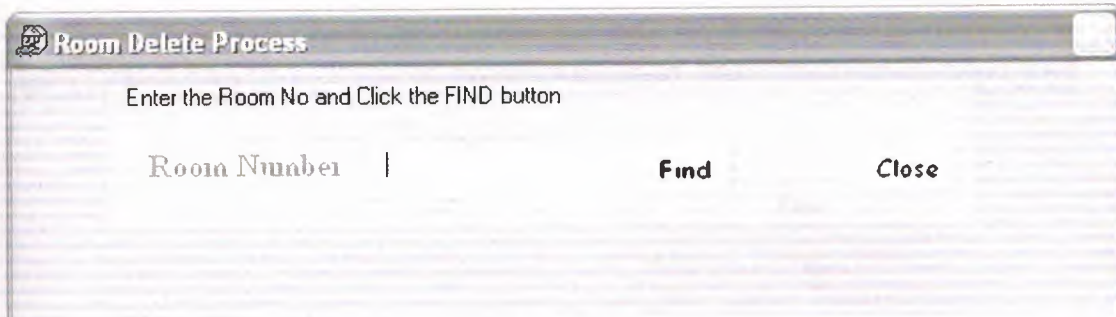
Room Adding Process

The screenshot shows a window titled 'Room Adding Process'. Inside the window, there is a form with the following fields: 'Room No' with a text input field, 'Flat' with a dropdown menu, 'Capacity' with a dropdown menu, and 'Price' with a text input field and a dollar sign symbol. Below these fields is a section titled 'Room Items' which contains a list of items: Table, Chair, Bed, Wardrobe, and Refrigerator. At the bottom of the window, there are three buttons: 'New', 'Save', and 'Close'.

Figure 3

If we click add new room to add the rooms that exist in our dormitory. Add New Room Form comes to screen as you see. We enter here room number, flat, price, capacity of room which we have 1-2-4 people standards and room items is checked when it will be included in the room and there are three buttons on the bottom of the form these are new, save, close. If we want to add new room we should click new. After each adding process we must save it to add to the database. If we want to return the main menu you must click close button.

Room Delete Process



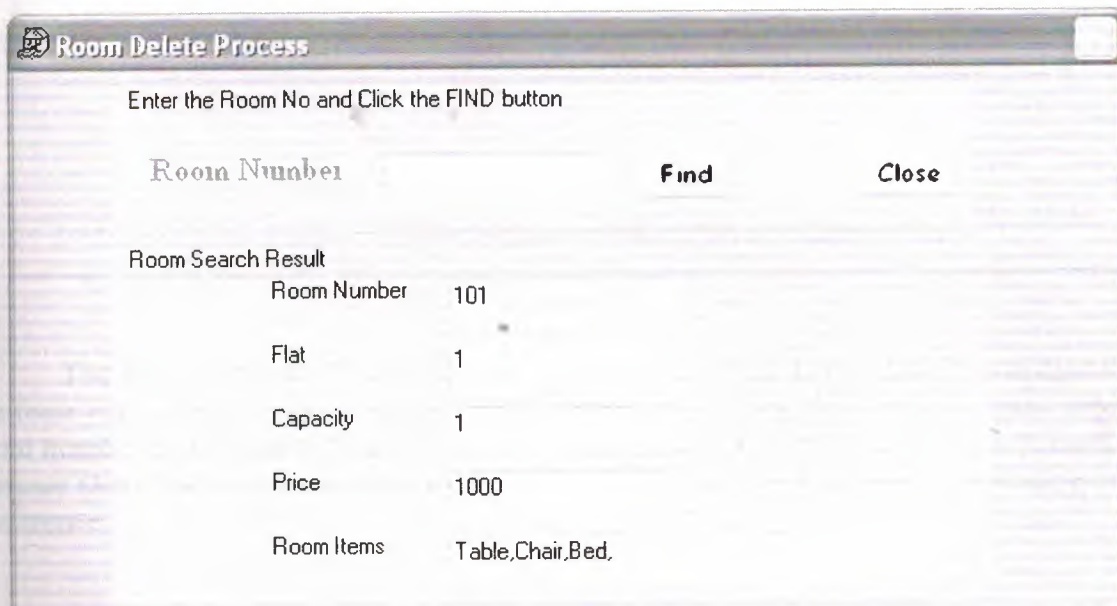
Room Delete Process

Enter the Room No and Click the FIND button

Room Number | Find Close

Figure 4.1

The next submenu in the room process is delete room. If we click it to delete room, the form you see above comes to screen. Here first of all we must enter room number to find its situation. We enter room number on the textbox and click find button. On the other hand if you want return, you can return to main menu by clicking the close button.



Room Delete Process

Enter the Room No and Click the FIND button

Room Number | Find Close

Room Search Result

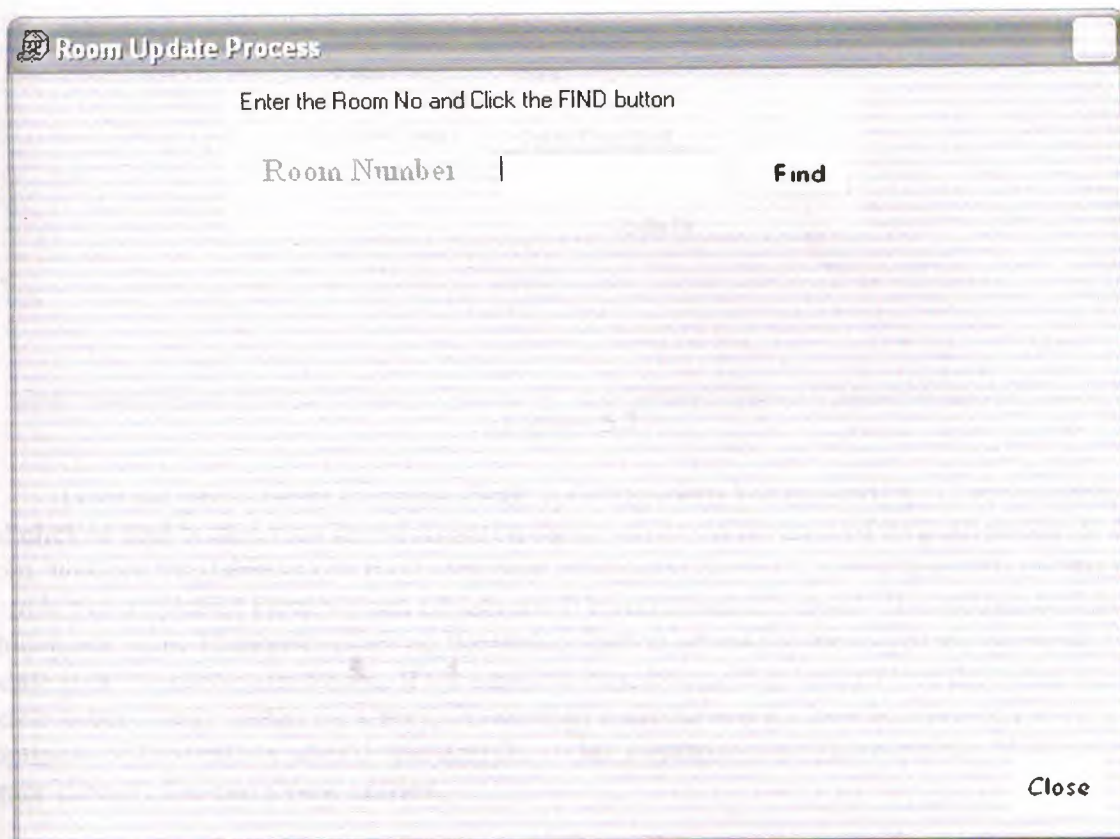
Room Number	101
Flat	1
Capacity	1
Price	1000
Room Items	Table, Chair, Bed,

Figure 4.2

Suppose that we entered "101" room number for instance then this form comes to screen. Because it is entered before its information came directly. Otherwise if the room is not added before we will see a warning message that tells us that the room is not found. If we will turn to our example here we can not delete the room directly. Because it has students in it.

Therefore we must first delete the students that you see on the screen. A warning message comes on screen that warns us by giving its situation before displaying the students in this room on this form. To prevent us from deleting the room the delete button was disabled. We cannot click it. After displaying the room information the room number that we entered on the textbox disappeared. If we want to make new room searchings to delete, we can enter room number on blank textbox any time. Therefore, the blinking cursor is positioned on the textbox to allow us to type. If the room will be empty the delete button will be enabled. thereby, we can delete it. If we click delete button a message comes to screen that asks us whether we will delete it or not.

Room Update Process



Room Update Process

Enter the Room No and Click the FIND button

Room Number | Find

Close

Figure 5.1

The next submenu of the room process is update room. If we click it to update room, the form you have seen above comes on the screen. As you see, first of all we must enter the room number on textbox to find its record. Therefore for this object find button is present. here there are also close button available to allow us to return back to main menu depending on our preference.

The screenshot shows a window titled "Room Update Process". At the top, it says "Enter the Room No and Click the FIND button". Below this is a text input field labeled "Room Number" containing the value "101", and a "Find" button. Underneath is a section titled "Room Search Result" which contains a table of information. At the bottom of the window are "Update" and "Close" buttons.

Room Search Result	
Room Number	
Flat	1
Capacity	
Price	1000
Room Items	Table,Chair,Bed,

Figure 5.2

Here we gave you an example about updating room. We entered "101" room number and clicked find button then its information came on screen because of its availability. If the room was not available in our room database a message come on screen that tells us that the room is not available. Here we can update room information and must click update button to achieve our goal. Then after clicking the update button an asking message that we want update it or not comes on screen. If we confirm its message that tells us that the room was update successfully comes on screen. If we want make new updatings because of the emptiness of the textbox after displaying the room's information. Therefore the blinking cursor is ready for every new entries.

Room Search Process

The screenshot shows a window titled "Room Search Process". Inside, there are five menu items: "List of All Rooms" (which is selected and highlighted with a dotted border), "List of Empty Rooms", "List of Students in the Rooms", "Search Room By No", and "Search Room By Flat". Below these menu items is a table titled "LIST OF ALL ROOMS". The table has six columns: "Room No", "Flat", "Capacity", "Price", and "Room". There are four rows of data. The first row shows Room No 101, Flat 1, Capacity 1, Price 1000, and Room Table,C. The second row shows Room No 102, Flat 1, Capacity 2, Price 800, and Room Table,C. The third row shows Room No 103, Flat 1, Capacity 4, Price 600, and Room Table,C. The fourth row shows Room No 1, Flat 1, Capacity 4, Price 22222, and Room Table,C. At the bottom right of the window is a "Close" button.

Room No	Flat	Capacity	Price	Room
101	1	1	1000	Table,C
102	1	2	800	Table,C
103	1	4	600	Table,C
1	1	4	22222	Table,C

Figure 6.1

The next step of the room process is search room. If we click it, the form ,you have seen above comes on the screen. As you have seen, there are 5 search options here on the top of the form.The first option to list all of the rooms was selected as default.Therefore initially list of all rooms comes on the bottom of the form when the form activated initially. Then after this diplaying we can choose other options depending on our request. Here a close button is available to allow us to return to main menu too.

Here our dormitary has one room. Therefore, on the bottom of the form one room displayed. If we will add new room records all the rooms will be displayed under this condition.

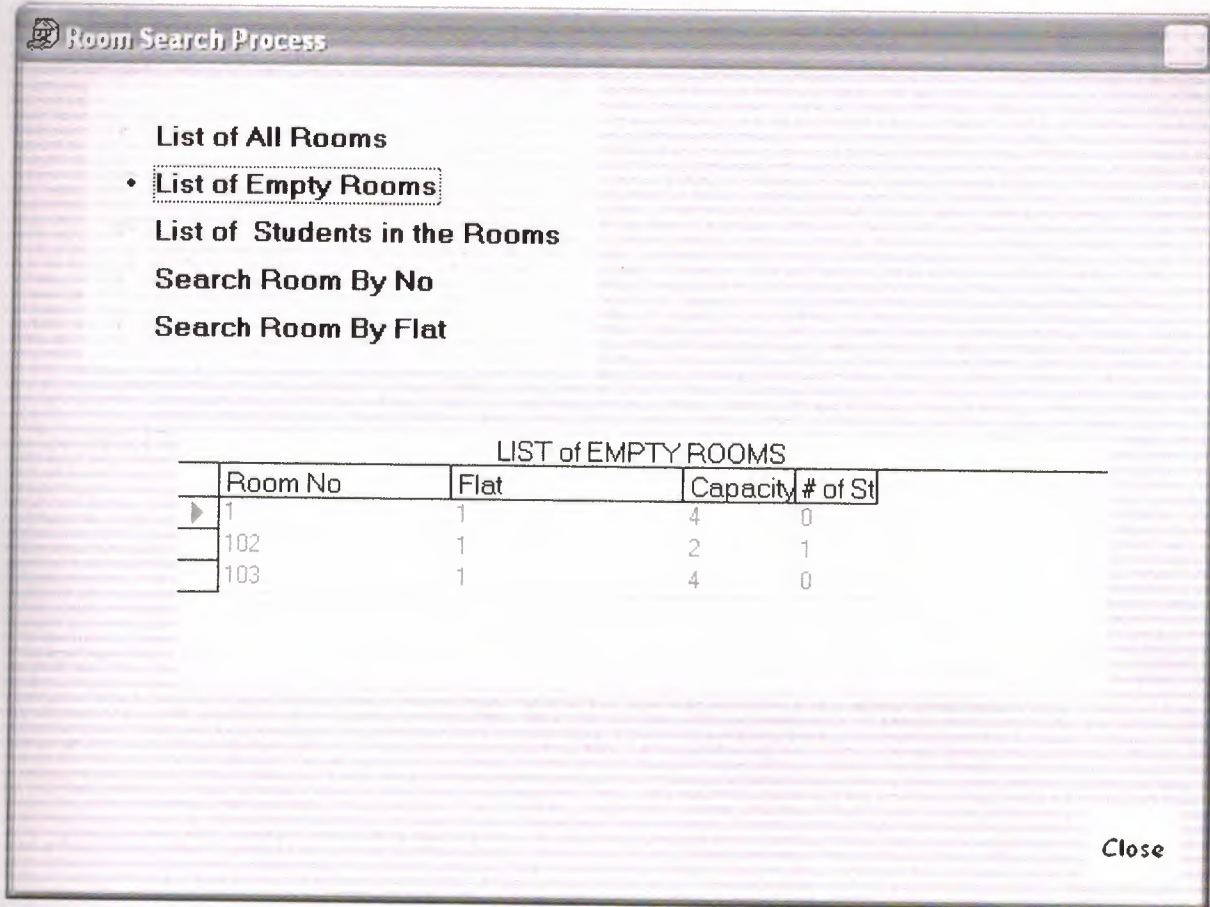


Figure 6.2

After, if we will click the second option button because of one room's availability in our dormitory for instance its emptiness one record will be displayed. If we will have more than one empty room all of its records will be displayed under this condition. If we will turn to our example, as you see the room's capacity is 4 and there are 2 students available in this room. Therefore, we can add 2 students more in it.

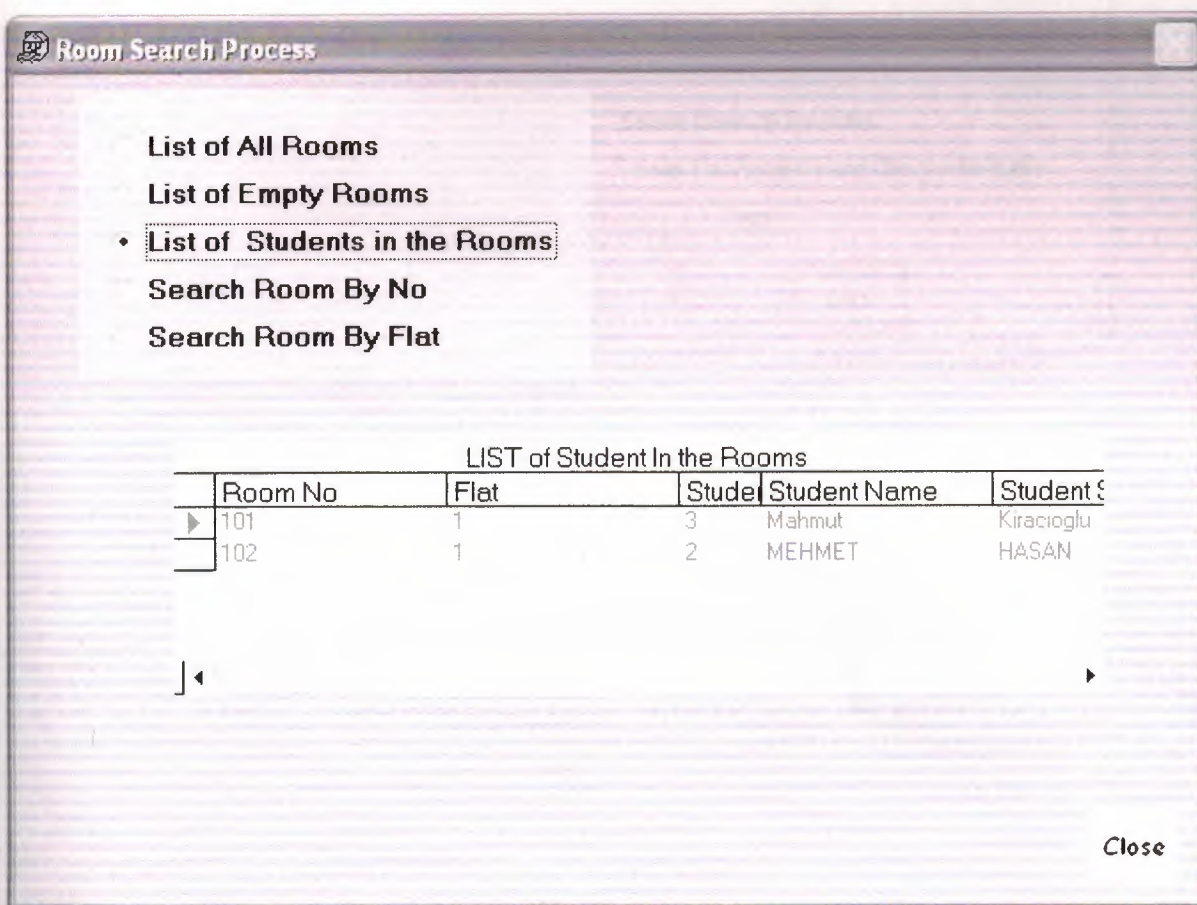


Figure 6.3

If we want to see the students information in all of the available rooms we must click the third option. In our example we had one room record and it had 2 students in it. If we will have more than one record and if they will have at least one student in it all this rooms will be displayed will come on screen with their student information under this condition. If we will turn to our example our room which is available and has 101 number has two students information as you see above.

Room Search Process

Search Room By Room No
Enter The Room No and Click the list button

101

List

List Room Information

SEARCH By Rooms Number

Room No	Flat	Capacity	Price	Student
101	1	1	1000	3

Close

Figure 6.4

When we choose the forth option button to list one room record according to its number after clicking it a blank text box appears on the right corner of top of the form. We can enter the number of the room that we want to see its record. According to our example we have one room record which its number is " 101 ". Therefore we entered " 101 " to list its information.

DORMITORY SOFTWARE SYSTEM

Room Process Personnel Process Account Process Report Process Exit

Add New Student
Delete Student
Update Student
Search Student

Figure 7

Here as you see , our second main menu a student process and it has four submenus . These are Add new student , Delete student , Update student and Search student . If we want add new student we must click the first submenu of student process.

Add New Student

Student Adding

Student No

Student Information

Name

Surname

Room No

Figure 8.1

When we clicked the Add new student submenu of the student process this form comes on the screen. As you see an automatic number is given initially for the new student. We enter its name , surname and room number and find click its room number to find the room's conditions. There are three buttons on the bottom of the form. After entering the student's name , surname and room no the program controls the room whether it is empty or not. We can add the student to the room when it will be empty. If the room will be not empty a message comes to screen that inform us about its abundance ratio. If the room is not full, a message that gives us information about its situation comes on screen.

Student Adding

Student No

Student Information

Name	HASAN	Birthdate	19.02.2006 ▼
Surname	ATAMTURK	Blood Group	ARh- ▼
Room No	102	Nationality	kktc
Room Price	\$	Address	lefkoşa
Registration Date	19.02.2006 ▼	Phone Number	0(222)222-22-22
		School	neu

Payment Type

• ☒ **Cash** Monthly


Figure 8.2

For example here the room number " 101 " is empty and after confirming the placement message this form came on the screen and here as you see we enter the registration date and also, here, we have two types of payment in our dormitory system which is cash and monthly. According to this example we entered cash type payment. After this entry we fill other remained fields. If we want save it we can do it by confirming the asking save message. We can also add student by clicking **new** button. To return the main menu we can click close button. Our dormitory's money transaction is with dollar .

Student Adding

Student No

Student Information

Name	HASAN	Birthdate	19.02.2006 ▼
Surname	ATAMTURK	Blood Group	ARh- ▼
Room No	102 	Nationality	kktc
		Address	Iefkoşa
Room Price	\$	Phone Number	0(222)222-22-22
Registration Date	19.02.2006 ▼	School	neu

Payment Type

Cash • Monthly

Financials

Month Quantity	<input type="text"/>
Rise Ratio	% <input type="text"/>
New Price	<input type="text"/>
Received In Advance	<input type="text"/>
Remained	<input type="text"/>

Save **Close**

Figure 8.3

For example if we make add new student with the payment type of monthly installment we click monthly option button and the yellow frame with special installment blank text boxes to fill comes on the left corner of the bottom of the form . In our example we entered 5 for the month quantity. We apply %10 rise ratio for each student who wants to stay in our dormitory. We receive the first installment amount in advance. We can save this record by clicking save button.

Student Delete Process

Student Delete

Enter the Student No and click to FIND button

Student No

Find **Close**

Figure 9.1

Another submenu of the Student process is student delete. If we click it the form that you see above comes on screen. If we want to delete one student first we must enter its number on the blank text box and click find button. If the student record is not available a message comes to screen to inform us about this situation.

Student Delete

Enter the Student No and click to FIND button

Student No **Find** **Close**

Find

Student's

No

Name Mahmut

Surname Kiracioglu

Room No 101

Delete

Student Installment Plan

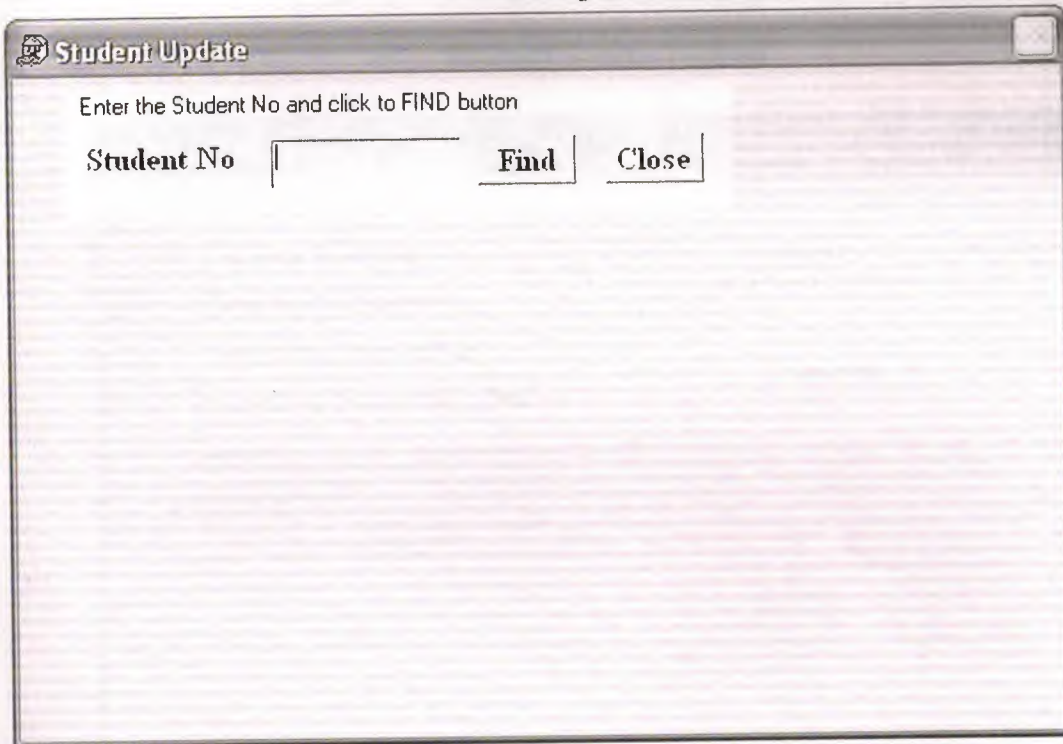
Student Installment Plan				
	Student	Installment	Installment Date	Amount
▶	3	1	13.10.2006	
	3	2	13.11.2006	

Figure 9.2

When we entered the student number and click the find button then we can see the information of these student that appears on screen. In our example we entered student number "3" and after its information came on screen. If the student has installment payment

type its information is displayed on the right side of the form. If we want delete this record we click delete button and we can delete it by confirming the asking delete message.

Student Update Process



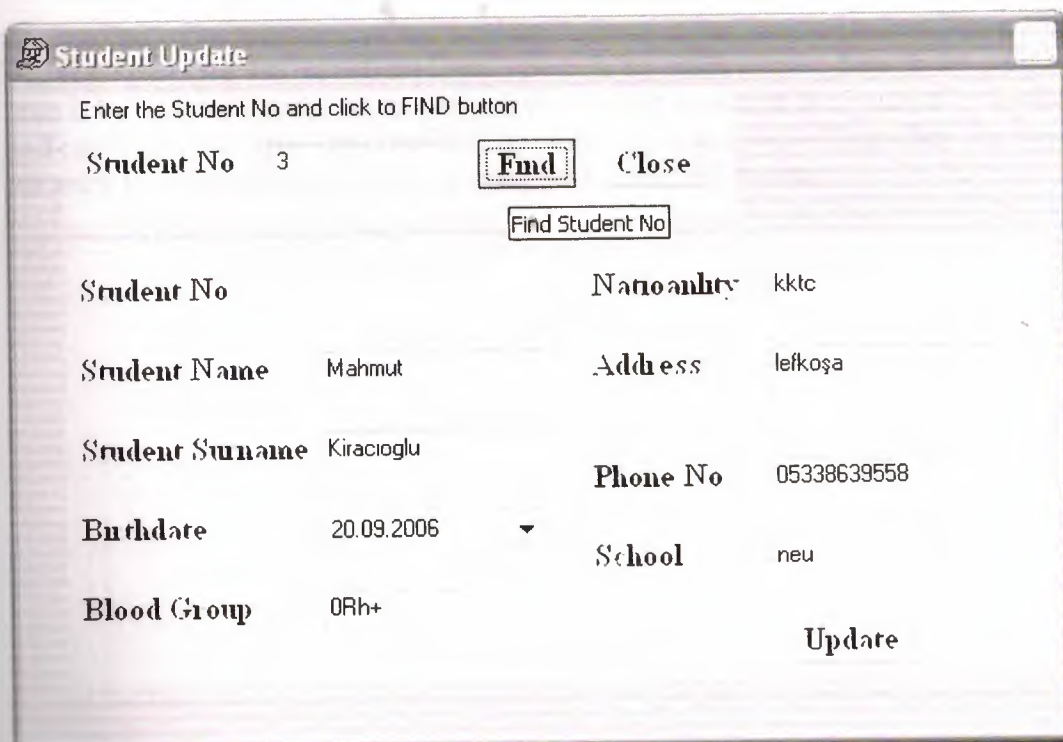
Student Update

Enter the Student No and click to FIND button

Student No

Figure 10.1

The other submenu of the Student process is update student .If will click it this form above comes to screen .First, we must enter the student number to find its information to update. Therefore a textbox and the find button is available here.



Student Update

Enter the Student No and click to FIND button

Student No 3

Student No		Nationality	kktc
Student Name	Mahmut	Address	lefkoşa
Student Surname	Kiracioglu	Phone No	05338639558
Birthdate	20.09.2006 ▼	School	neu
Blood Group	ORh+		

Figure 10.2

If the program find the student that we entered his/her student number , we can change the informations of this student that we want by clicking the update button.

Student Search Process

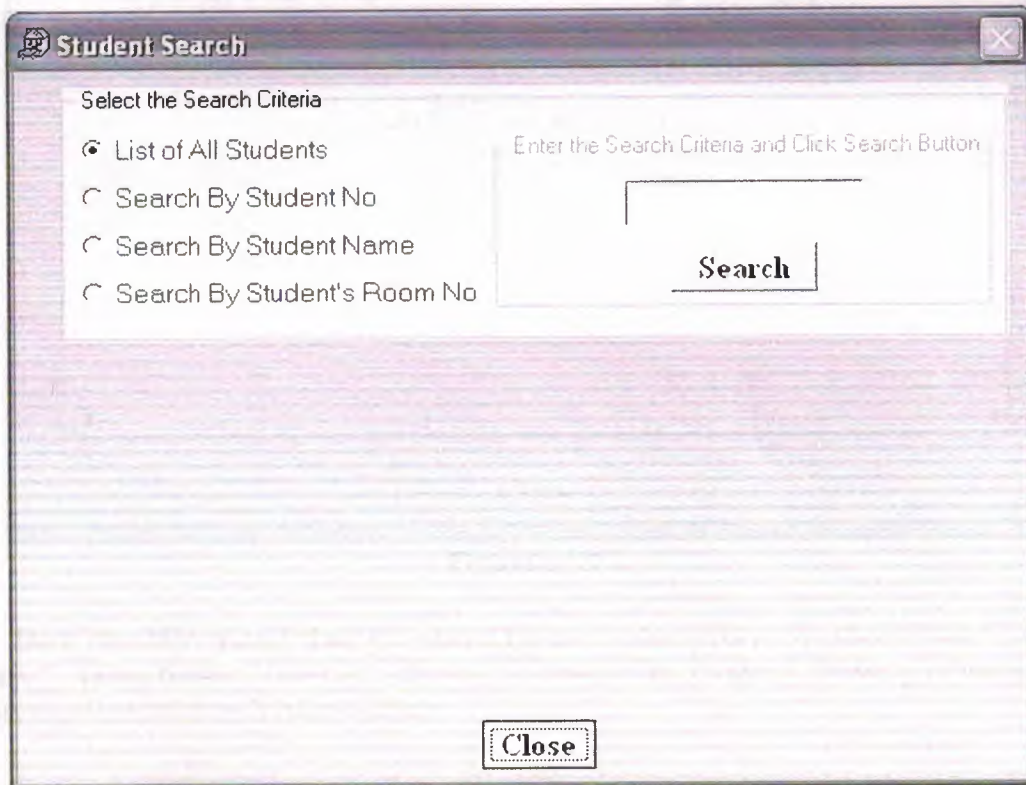


Figure 11.1

The other submenu of the Student Process is the Search student. There are four option buttons. These are list of all students , Search by student no , Search by student name and search by student's room no as you see. If we want to search the student by his/her no , name and room no , we write the criteria to the text box about them. Then click the search button. If we want to return to main menu we must press the close button.

Student Search

Select the Search Criteria

- ☒ List of All Students
- ☐ Search By Student No
- ☐ Search By Student Name
- ☐ Search By Student's Room No

LIST OF ALL STUDENTS					
	No	Name	Surname	Room No	Payment Type
▶	2	MEHMET	HASAN	102	Cash
	3	Mahmut	Kiracioglu	101	Monthly

Figure 11.2

Here , to show the all students who stays in our dormitory , we choose the “ List of all Students “ option button. Then click the search button. The program shows you the list of all students together with their informations.

Student Search

Select the Search Criteria

- ☐ List of All Students
- ☒ Search By Student No
- ☐ Search By Student Name
- ☐ Search By Student's Room No

Search By Student No					
	No	Name	Surname	Room No	Payment Type
▶	3	Mahmut	Kiracioglu	101	Monthly

Figure 11.3

If we want to search only one student according to his / her student number. We must write the student number on the text box. We click the search button. If this number is not found a message comes to screen to inform us. If the number is existing, the informations of the student with this number appears on the screen.

Student Search

Select the Search Criteria

- ☐ List of All Students
- ☐ Search By Student No
- ☒ Search By Student Name
- ☐ Search By Student's Room No

Enter the Search Criteria and Click Search Button

Search By Student Name

Search

No	Name	Surname	Room No	Payment Type
3	Mahmut	Kiracioglu	101	Monthly

Close

Figure 11.4

If we want to search only one student according to his / her student name. We must write the student name on the text box. We click the search button. If this name is not found a message comes to screen to inform us. If the name is existing, the informations of the student with this name appears on the screen.

Select the Search Criteria

☐ List of All Students

☐ Search By Student No

☐ Search By Student Name

☒ Search By Student's Room No

Enter the Search Criteria and Click Search Button

102

Search

Search By Student's Room No				
No	Name	Surname	Room No	Payment Type
2	MEHMET	HASAN	102	Cash

Close

Figure 11.5

If we want to search students according to his / her room number. We must write the student room number on the text box. We click the search button. If this room number is not found a message comes to screen to inform us. If the room number is existing, the informations of the students who stay in this room appears on the screen.

DORMITORY SOFTWARE SYSTEM

Room Process Student Process Personnel Process Account Process Report Process Exit

Add New Personnel

Delete Personnel

Update Personnel

Search Personnel

Figure 12

If we want to make any process about personnels of our dormitory, we must click the Personnel Process. There are four submenus. These are add new personnel, delete personnel, update personnel and search personnel.

Add New Personnel Process

Personel Adding Process

Personnel No []

Work Information

Personnel Name KAMIL

Personnel Surname KOÇ

Social Security No 22222

Beginnig date of starting work 19.02.2006

Salary 1200

Personal Information

Birthdate 19.02.2006

Address ankara

Phone Number 1111

Cender Male

Save **Close**

Figure 13

If we want to add new personnel for our dormitory we click “ Add New Personnel “ submenu of the Personel process Menu. Then this form comes to the screen. The personnel number is given automatically by the program .Here , we can enter work information and personal informaiton of the new personnel. Then press the save button to record this information to the personnel database. After entering new personnel , we can enter another new personnel by clicking “new” button. If we want to return to the Main Menu we can press the close button.

Personnel Delete Process

Personnel Delete

Enter the Personnel No and Click The FIND button

Personnel No | Find

Figure 14.1

Another submenu of personnel process is personnel delete. If we click it to delete a personnel the form you have seen above comes on the screen. First of all we must search the personnel information. Therefore we must enter the personnel number and click the find button to search to see whether its record exists or not. If its record will be not found a message that informs us about this situation comes on screen.

Personnel Delete

Enter the Personnel No and Click The FIND button

Personnel No | Find

Work Information		Personal Information	
Personnel No	4	Birthdate	19.02.2006
Personnel Name	KAMIL	Address	ankara
Personnel Surname	KOÇ	Phone Number	1111
Social Security No	22222	Cender	Male
Beginnig date of starting work	19.02.2006		
Salary	1200		

Figure 14.2

Otherwise, if the personnel exists its information comes on screen. In our example we entered personnel number "1" to find to delete and clicked find button. After, its record came

on screen. Now the delete button is ready for deleting process. If we click it an asking message that asks us wether we want delete it or not, comes on screen. If we confirm it , the pesonnel will be deleted. We can continue deleting process by entering the personnel number on textbox and finding its information and deleting it. Therefore the textbox at the top of the form will be blank after displaying the record.

Personnel Update Process

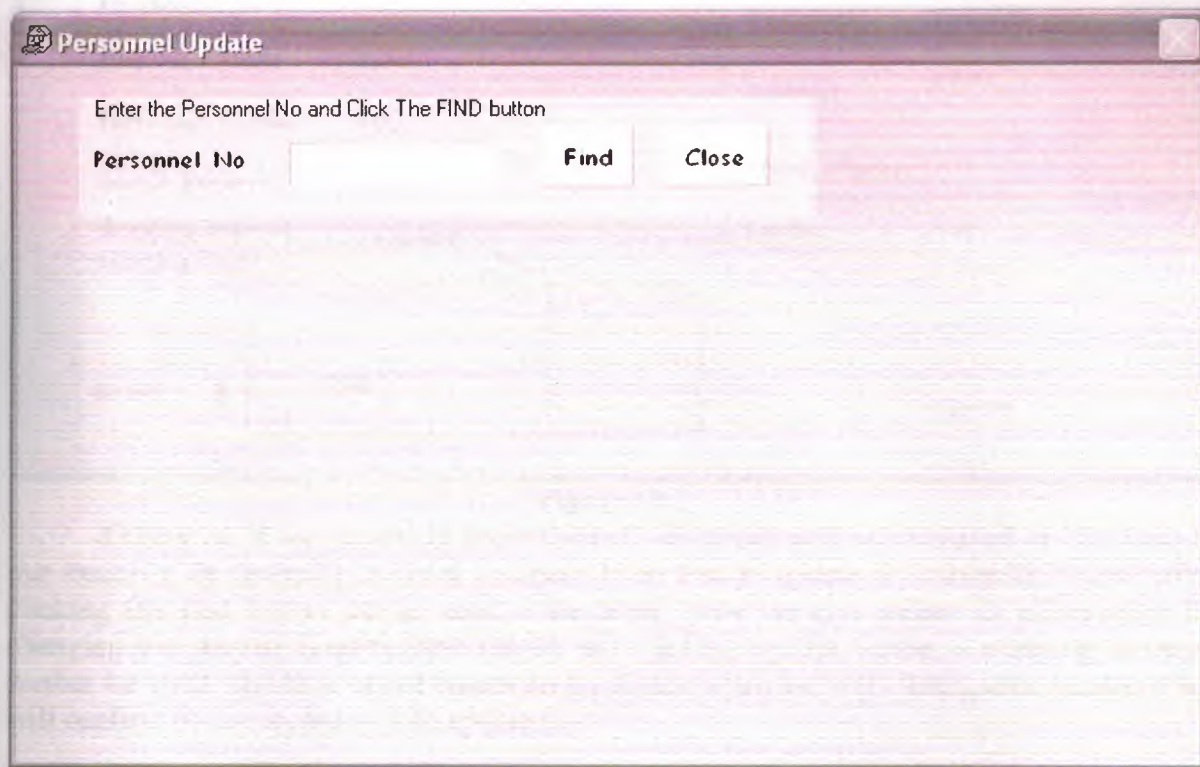
The image shows a Windows-style dialog box titled "Personnel Update". Inside the dialog, there is a text label "Enter the Personnel No and Click The FIND button". Below this label, there is a text input field labeled "Personnel No". To the right of the input field are two buttons: "Find" and "Close". The dialog box has a standard Windows title bar with a minimize button, a maximize button, and a close button (X).

Figure 15.1

Another submenu of the personnel process is update personnel. If we click to update personnel record the form you have seen above comes on the screen. First of all we must search the personnel wether its record exists or not. If its record will be not found, after entering the personnel number on the textbox and clicking the find button a warning message that states about this situation comes on the screen.

Personnel Update

Enter the Personnel No and Click The FIND button

Personnel No Find Close

Work Information		Personal Information	
Personnel No		Birthdate	19.02.2006
Personnel Name	KAMIL	Address	ankara
Personnel Surname	KOÇ	Phone Number	1111
Social Security No	22222	Cender	Male
Beginnig date of starting work	19.02.2006		
Salary	\$ 1200		

Figure 15.2

Otherwise if the personnel record found its record will be displayed on the form. In our example we entered personnel number "1" to find to update its information came after clicking the find button on the top of the form. Now we can update its information by changing the wanted fields of the record and clicking update button. An asking message wether we want update it or not comes on the screen when we will click update button. If we will confirm it, the record will be updated.

Personnel Update

Enter the Personnel No and Click The FIND button

Personnel No Find Close

Work Information		Personal Information	
Personnel No		Birthdate	19.02.2006
Personnel Name	KAMIL	Address	ankara
Personnel Surname	KOÇ	Phone Number	1111
Social Security No	22222	Cender	Male
Beginnig date of starting work	19.02.2006		
Salary	\$ 1200		

Figure 15.3

In the updating process we can update personnel salary by clicking the option buttons that are on the bottom of the form. In our example we clicked increase option button and typed the increase amount as 200. The personnel's salary was \$1200 before. Now its salary became \$1400.

In our example in the updating process of the personnel to decrease its salary by a specified amount we clicked decrease option button and entered the decreasing amount as \$200. Its previous salary was \$1200. Now, its new salary became \$1000.

Personnel Search Process

The screenshot shows a window titled "Personnel Search". Inside, there is a section labeled "Personnel Search" with a sub-label "Enter the Search Criteria". Below this, there are three radio buttons: "Search By SSN", "Search By Personnel Name", and "Search By Social Security No.". The "Search By SSN" option is selected. To the right of these options is a text input field. Below the input field is a large empty rectangular area, likely for displaying search results. At the bottom right of the window is a "Close" button.

Figure 16.1


Another submenu of the personnel process is search personnel. If we click it the form you have seen comes on the screen. Here, as you see there are three search options. These are search by personnel no, name and SSN no. There are a textbox available to enter the search criteria on it and a button that displays binoculars is available that initiates the search process after clicking it. There are a close button available too that allows us to return to the main menu.

Personnel Search

Personnel Search

Enter the Search Criteria

☐ Search By Personnel No
 ☐ Search By Personnel Name
 ☒ Search By Social Security No

Search Criteria:


	empno	empname	empsur	ssn
▶	4	KAMİL	KOÇ	22222

Close

Figure 16.2


If we will choose another search option button that is search by personnel name and according to our example if we enter "ferdi" as personnel name its record comes on screen because of it's record's availability. If we enter the name false, the nearest records, depending on our entry on textbox ,that includes the nearest letters comes onto form. If we enter letters that our existing record's personnel names do not initiate with them, a warning message comes on screen that tells us that the record was not found.

Personnel Search

Personnel Search

Enter the Search Criteria

☐ Search By Personnel No
 ☐ Search By Personnel Name
 ☒ Search By Social Security No

Search Criteria:


	empno	empname	empsur	ssn
▶	4	KAMİL	KOÇ	22222

Close

Figure 16.3

In our example, we choosed the third search option that is search by SSN No, in search personnel process. And, after we entered "1234" as SSN no on the textbox and clicked the button near it to search. The record with this SSN no came onto form because of it's availability. If it will be not avilable a warning message that warns us about this situation will come onto screen.

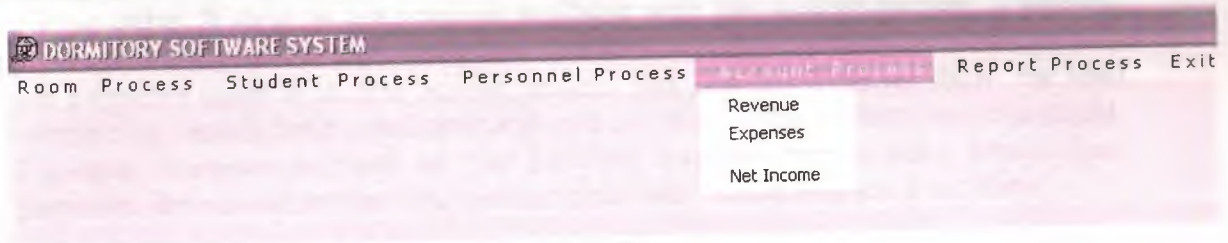


Figure 17

The fourth main menu of our project is account process. If we click it, submenus of it comes on the screen as you see above. These are Revenue, Expenses and Net Income.

Revenue Process

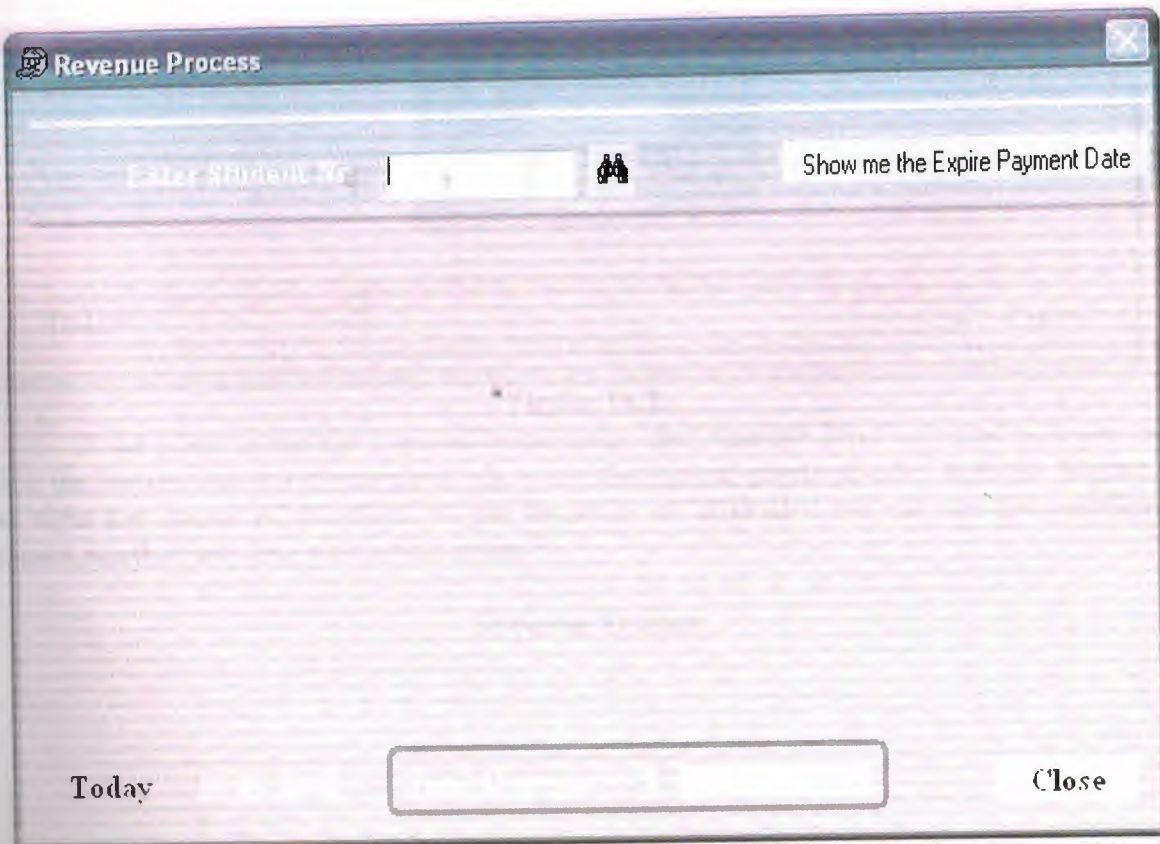


Figure 18.1

If we click the first, revenue, sub menu of account process, the form that you have seen above comes on the screen. Then we enter student no to see their installment payments and pay it. If he pays in installment and has expired payments, there are a button available on the right top corner that shows them if the related button will be clicked. This form shows the payments that made only in installment and students have debts. If we click the search button after entering the student no on textbox, a related warning message will be displayed if the student has no debts. If there is not a record available with this student number, a warning message that states us about this topic comes on screen.

The cash payments made in student adding process. But , on this form we show the total revenue which may include both installment and cash payment. If the students made payment, the total revenue increases as much as the payment amounts. Our revenue comes from student payments and we can see the total revenue until now, on the bottom of the form.

Student Installment Plan				
Student	Installment	Installment Date	Amount	Situation
4	1	19.03.2006		82 Unpaid
4	2	19.04.2006		82 Unpaid
4	3	19.05.2006		82 Unpaid
4	4	19.06.2006		82 Unpaid
4	5	19.07.2006		82 Unpaid

Figure 18.2

If we want to see the expired installments that students have not paid yet, we must click the button which it's caption is "show me the expired payment date" that can be seen on the right top corner of the form. In our example we clicked it we can see the installment amount, number and date which it is expired.

Revenue Process

The 'Expense Process' window has a title bar with a blue gradient. Below the title bar, there are two radio buttons: 'Salary Expenses' (selected) and 'Other Expenses'. To the right of these buttons is a text input field with the placeholder text 'Enter Personnel No and Click Find button'. Below the input field is a 'Find' button. At the bottom of the window, there is a label 'Today' followed by a large empty text box.

Figure 19.1

Another submenu of account process is Expenses. We have two type of expenses. First one is the **personnel salary expense**. The second one is **other expenses** that includes water, electricity, meal, food expenses and etc. If we want to see and may pay personnel salary we must choose the first option. If we want to enter and will pay other expenses we must choose second option button which is named as other expenses. There are a textbox and find button available to search the specified personnel's salary for the first option. And, a textbox that will show the total expenses that may include both expense types until now is shown on the bottom of the form.

The 'Expense Process' window shows the result of a search. The 'Salary Expenses' radio button is still selected. The text input field now contains the number '1'. The 'Find' button is still present. Below the input field, a section titled 'Personnel Information' displays the following data:

No	1	Social Security No	1212323
Name	ORCAN	Salary	\$ 1200
Surname	CEMAL		

Below the 'Personnel Information' section, there is a 'Submit Payment' button. At the bottom of the window, there is a label 'Today' followed by a large empty text box.

Figure 19.2

In our example we choosed salary expense option and entered "1" as personnel number to see his salary and individual information. Then a frame that shows us it, came on the middle of the form because of it's availability in our personnel records. Otherwise, if it will be not available a warning message that states us that the record not found will be shown on the screen. If we turn back to our example ,if we want to pay its salary we must click **Submit Payment** button. Now, the total expense is \$20400 and the salary amount of this personnel is \$1200. If we will click the submit payment button to pay his salary a message that tells us that the salary is paid comes on the screen. And , the total expense will increase to \$21600.

Expense Process

Other Expenses

Invoice No 111

Description water

Amount \$ 234

Today 11/11/2011

Figure 19.3

If we choose the second option to enter other expenses and pay it, a frame with blank fields to enter invoice no, type of the expense and its amount comes on the middle of the form. In our example we entered electricity expense with "45" invoice no and \$100 amount. Now the total expense is \$21700. If we will click Submit Payment button. The new total expense will be \$21800.

Net Income Process

Net Income Process

Beginning Date: 20.08.2003

Ending Date: 20.08.2003

Buttons: **Net Income Between These Dates**, **Total Net Income**

Total Revenue: \$

Total Expenses: \$

Net Income: \$

Close

Figure 20.1

Another submenu of account process is Net Income. If we will click it, the form you have seen above comes on screen. Here, as you see there are two computing type of net income. First is net income between specified dates. For first one we must enter the beginning and ending dates and click the button that is named as **Net Income Between These Dates**. Second is the total net income until now. For the second one we must click the button that is captioned with **Total Net Income**. If we have minus values our income converts to loss.

Net Income Process

Beginning Date: 20.02.2003

Ending Date: 20.01.2006

Buttons: **Net Income Between These Dates**, **Total Net Income**

Net Income Between 20.02.2003 and 20.01.2006

Total Revenue: \$

Total Expenses: \$

Net Income: \$

Close

Figure 20.2

In our example we entered beginning and ending dates and clicked the button near it. Then the net income between these dates came on screen. We can see the total revenue and total expense between these dates also.

Net Income Process

Beginning Date: 20.02.2003

Ending Date: 20.01.2006

Net Income Between These Dates

Total Net Income

Total Revenue: \$ 80

Total Expense: \$ 1000

Net Loss: \$ 100

Close

Figure 20.3

In our example we clicked the Total Net Income button. After, because of minus value net income converted to net loss. You can see the total revenue and total expense until now, too.

DORMITORY SOFTWARE SYSTEM

Room Process Student Process Personnel Process Account Process **REPORT PROCESS** Exit

- Room Reports
- Student Reports
- Personnel Reports
- Account Reports

Figure 21

The fifth main menu of our project is Report Process menu. If we click it the form you have seen above comes on screen. As you see it has four submenus. These are Room Reports, Student Reports, Personnel Reports and Account Reports.

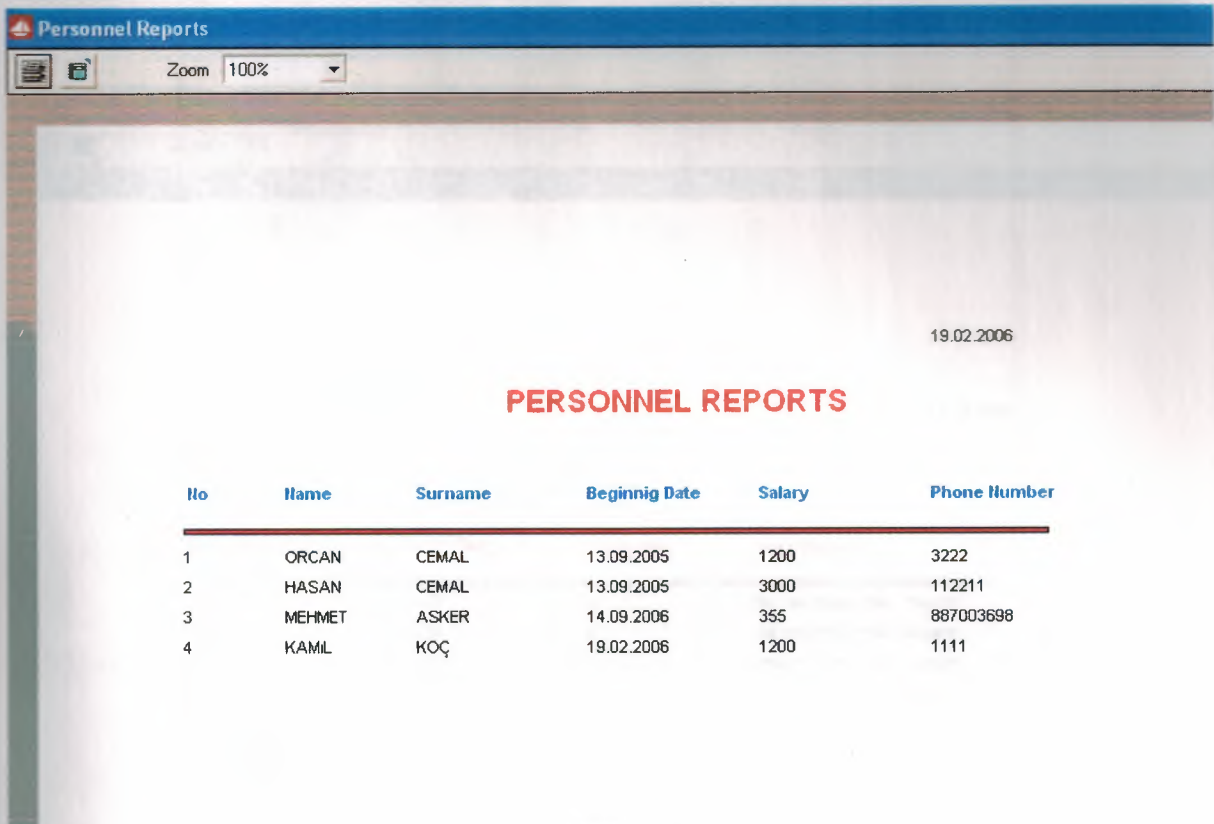
Room Report Process

Student Reports					
Zoom 100%					
19.02.2006					
STUDENT REPORTS					
Ilo	Ilame	Surname	Room Ilo	Registration Date	Payment Type
2	MEHMET	HASAN	102	13.09.2006	Cash
Ilo	Ilame	Surname	Room Ilo	Registration Date	Payment Type
3	Mahmut	Kiracioglu	101	13.09.2006	Monthly
Installment Ilo	Payment Date	Amount	Situation		
1	13.10.2006	360	Paid		
Installment Ilo	Payment Date	Amount	Situation		
2	13.11.2006	360	Paid		
Ilo	Ilame	Surname	Room Ilo	Registration Date	Payment Type
4	MAHMLUT	KART	103	19.02.2006	Monthly
Installment Ilo	Payment Date	Amount	Situation		

Figure 23

If we click the student reports submenu of the report process the report you have seen above comes on the screen. Here we have relation between installment table, room database, and student database. Therefore, we showed the installment plan of students if they have been paying in installment. If they paid in cash this plan is not shown for them. We can print the report by clicking the print button that is shown on the left top corner of the screen.

Personnel Report Process



Ido	Name	Surname	Beginnig Date	Salary	Phone Number
1	ORCAN	CEMAL	13.09.2005	1200	3222
2	HASAN	CEMAL	13.09.2005	3000	112211
3	MEHMET	ASKER	14.09.2006	355	887003698
4	KAMIL	KOÇ	19.02.2006	1200	1111

Figure 24

If we will click the personnel reports submenu of the report process the report that you have seen comes on the screen . Here , as you see personnel informations is reported who have been working in the dormitary. We can print the report by clicking the print button that is shown on the left top corner of the screen.

Account Report Process

Account Reports			
Zoom 100%			
19.02.2006			
ACCOUNT REPORTS			
Account Date	Revenue	Expenses	Description
13.09.2005	220	0	Income from 1: No student
13.09.2005	220	0	Income from 1: No student
13.09.2005	220	0	Income from 1: No student
13.09.2006	220	0	Income from 1: No student
13.09.2006	0	1300	Salary expense to 1 No Personnel
13.09.2006	0	200	Expense to 1 No electricity
13.09.2006	800	0	Income from 2: No student
13.09.2006	240	0	Income from 3: No student
13.09.2006	360	0	Income from 3: No student
13.09.2006	360	0	Income from 3: No student
13.09.2006	360	0	Income from 3: No student
13.09.2006	0	15	Expense to 8870011-0 No
13.09.2006	0	75	Expense to 00 No WATER

Figure 25

If we will click the account report submenu of report process the report you have seen comes on the screen. Here, as you see expenses and revenues at every dates are reported. We can print the report by clicking the print button that is shown on the left top corner of the screen.

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