



**NEAR EAST UNIVERSITY**

**FACULTY OF ECONOMICS AND  
ADMINISTRATIVE SCIENCES**

**Department of  
Computer Information Systems**

**CRADUATION PROJECT  
2003/2004 SUMMER TERM**

**PASSENGER TRACKING SYSTEM**

**SUBMITTED TO : DEPARTMENT OF C.I.S**

**SUBMITTED BY : ALLAM A. A. HIJJAWI  
STUDENT NO. : 980803**

**NICOSIA  
2003/2004**



# Contents

---

	PAGE
<b>I. ACKNOWLEDGEMENTS .....</b>	<b>i</b>
<b>II. ABSTRACT .....</b>	<b>iii</b>
<b>1. INTRODUCTION.....</b>	<b>1</b>
<b>2. EXPLANATION OF THE SYSTEM.....</b>	<b>2</b>
2.1 - Data Flow Diagram.....	4
2.2 - Database Tables. ....	9
2.3 - Tables Relationships.....	14
<b>3. USER MANUAL.....</b>	<b>15</b>
3.1 - Software Installation.....	15
3.2 - Run The File.....	15
3.3 - Important Functions used in the Program.....	16
3.4 - User flow chart.....	16
<b>4. LIST OF SUBPROGRAM.....</b>	<b>30</b>
4.1 - Source Program .....	29
4.2 - Screen Output.....	52
<b>5. REFERENCES.....</b>	<b>61</b>

## ACKNOWLEDGMENTS

*IN THE NAME OF ALLAH THE MOST GRACIOUS AND MERCIFUL*

*This is the ingathering of four passed years , hoping for more progress,  
Days have become happyfull, exhustion has faded , hard work has  
reached aims.*

*I dedicate my project to my parents and my eldest brother Sultan who  
insured me the suitable environment for study at the periods of my life,  
with the grace of Allah. .*

*Thanks for all teachers who supported me, specially for  
Ass.proff.Dr. Yalcin Akcali*

*Ass.Proff.Dr. Ilham Huseyinov*

*Miss. Nadire Cavus*

*Who gave me such opportunity to prove myself I been and hand working.  
So it is my pleasure to dedicate this project to my honorable teacher who  
provide me the guideline where I felt difficulty. I feel no hesitation to say  
that they are really capable and kind enough to mold every student  
toward study*

*I also would like to thank my brothers and my sister, whom provided me  
such a healthy study environment. I could never have prepared this*

*project without the encouragement and support of my parents, brothers, and friends.*

*I also would like to give a special thank for my friend Omar Hijazi who encouraged and supported me , and special thank for my friend Mohammed Rabi that he does the best to help me in this study. And especially I would like to thank Fady Al-Lada'a who is providing me with hope. Also to my neighbor Umit Oguz and his family for their kindness and humility.*

*Finally, Thanks to all my friends for their advices and supports.*

## **II. ABSTRACT**

**Everybody wants to be individualized his or herself . hand he or she really wants to do something extra and diffrent because this is the age of new and more venture and recoveries**

**In this project a passenger tracking system is designed . the system is done in the form of software which consist of user friendly interface and database for passengers wishing to buy (reserve) tickets to flights . as user interface will be able to use this program which is used . as a database microsoft access database is used and visual basics . the software automates the process of traveling passengers . speeds up date processing and this system has been designed in a way that it would work speedier than the normal record keeping systemworking .Thought this program I tried my level best to minimize the errors rate as low as possible .**



# 1. INTRODUCTION :-

---

Traveling around this world is becoming more and more common among people of different nations. World has become tiny like tennis ball because of the fast transportation facilities i.e.:- by air mostly and during the sea.

So travel agencies came into being to solve passenger ticketing problems as the population of the world increases. It is becoming more difficult for the travel agencies to keep the records of the passenger traveled or going to travel through them.

Therefore computer comes into work. we need a proper database of flight information of different airlines seats available those flights which are easily available on the internet provided by respective airlines of course the records and passengers that flew or going to fly we have to take their reservation ; the accounting part of the business

In this project we will use some languages such as Visual Basic :- we have to use VB to make the buttons , the navigations , and the forms which we will make some additions to them , also needs of access programming to design the database we have entered information and the exact additional of it.

At this project we have to use four important processes and these processes will help us by getting the further information which are :-

**Reservation :-** which is the most important process to achieve customer needs .

And reservation is useful to make our traveling recognized and arranged . By using Reservation it helps keeping in contact with the customers as it includes information about the tickets and the customers. This information may include name, surname, phone, etc:- and for the ticket it's date and time and other some information.

**Registration :-** which is the records and the information about the work we have done And our aim to make registration is getting any new information about a specified date or any difficulties would happen in the future.

**Reports :-** it must give us the reports about our work daily or between two dates . And it is the way to evaluate our business :- how it is going and the way we should deal with it.

**Accounts :-** showing our sales and how much we have sold and made benefits. So, it's the most important process as it shows if the business is profitable or not.

## **2. EXPLANATION OF THE SYSTEM**

---

### **RESERVATION**

This process is called when the user select the reservation choice and it has some processes inside it which you can enter the informations to and updating information which is important for the customer and which it has some relations with the other processes and by editing the information to make the correction of it . .

### **REGISTRATION**

This function is called when user select the registration choice from the main menu. This method will display the register new passenger and update information and adding the information which it needs for the customer to make sure for selling the ticket and updating the information which we have enter or to change information .

### **REPORTS**

This function will show the information about the passenger for reserved tickets. And then it will show the information about the passenger in database file. And showing the information for the passenger with his name or number to have information about passenger .

### **ACCOUNTS**

This function takes the total sold tickets from registration to make the operations with the tickets account. After selling the ticket it will search in the database if the record exist it will show the total and percentage of the profit we have done by selling tickets and see the records which we have done.

### **TICKETING**

It is collecting the information from registration and reservation then collect the same information which we need it at the flight ticket and also it has relation with the account process to send all the informations needs.

### **PASSENGER**

This it is the same as ticketing having the same information which we made at reservation and registration about the customer and saving it to the reports and getting information about the passengers from it.

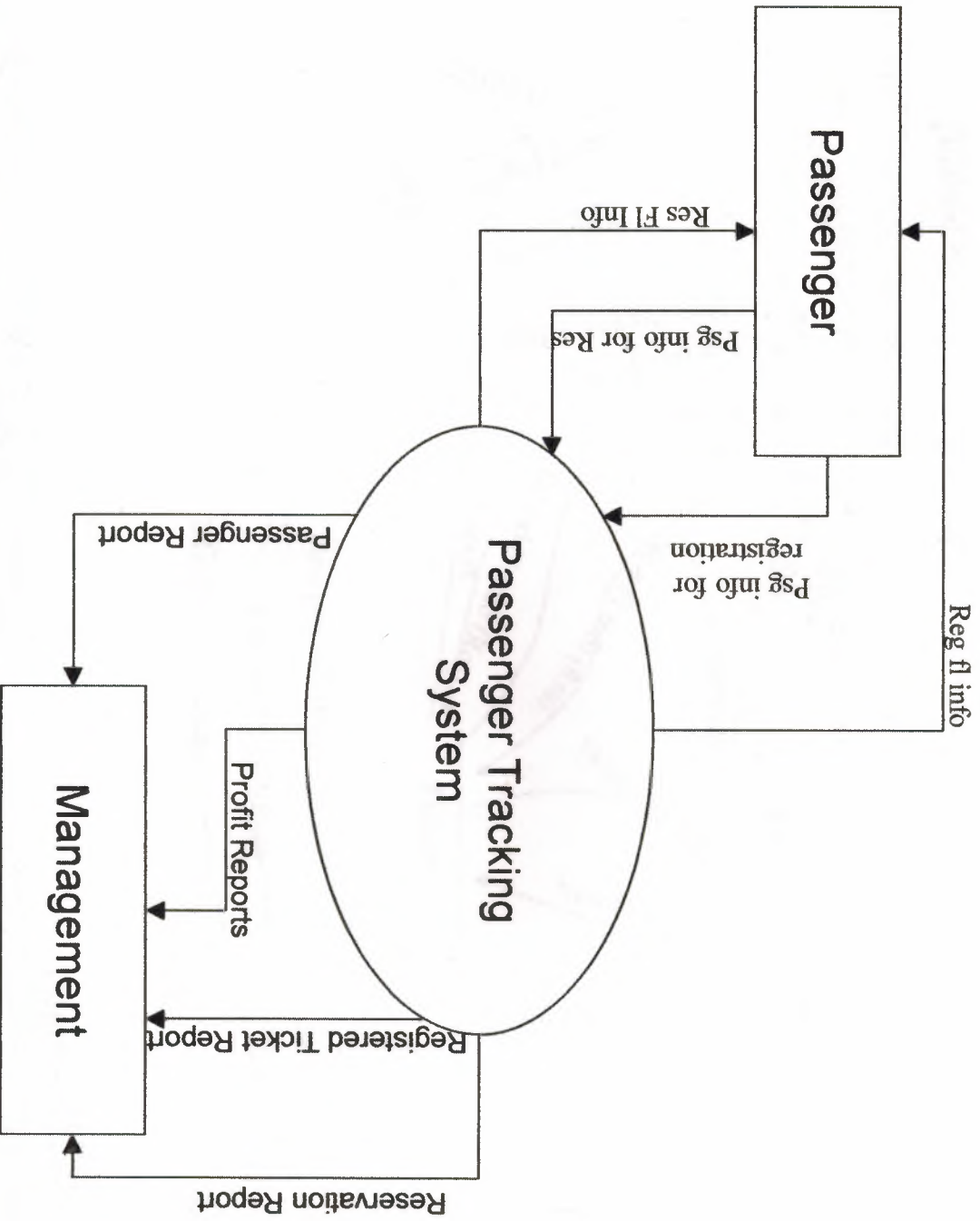
### **Management**

Here the process contains of two main procedures and here it deals with reports by making reports for reservations through airlines and for passengers through name ,surname pass no ;

## 2.1 DATA FLOW DIAGRAMS.

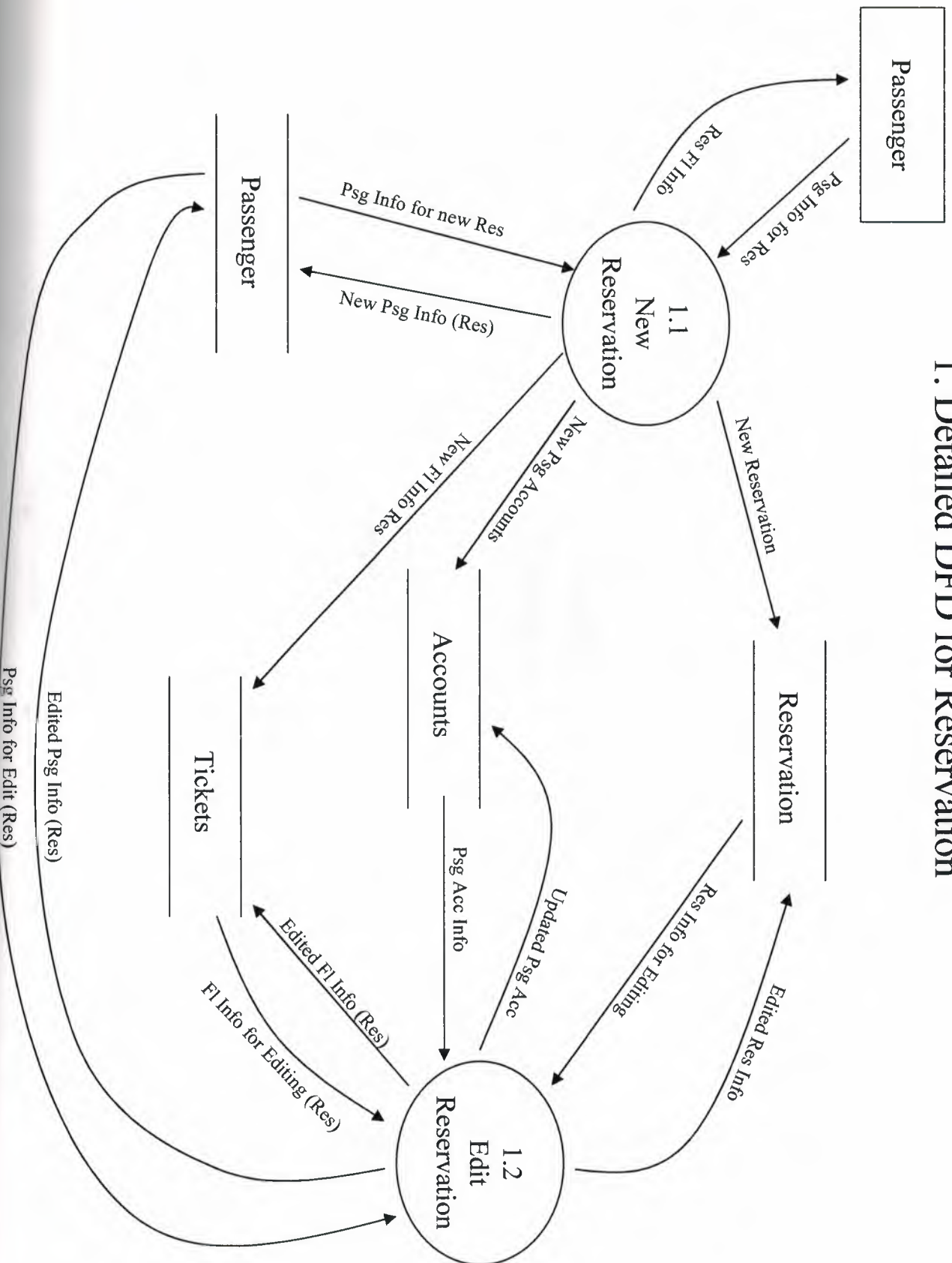


## Context DFD

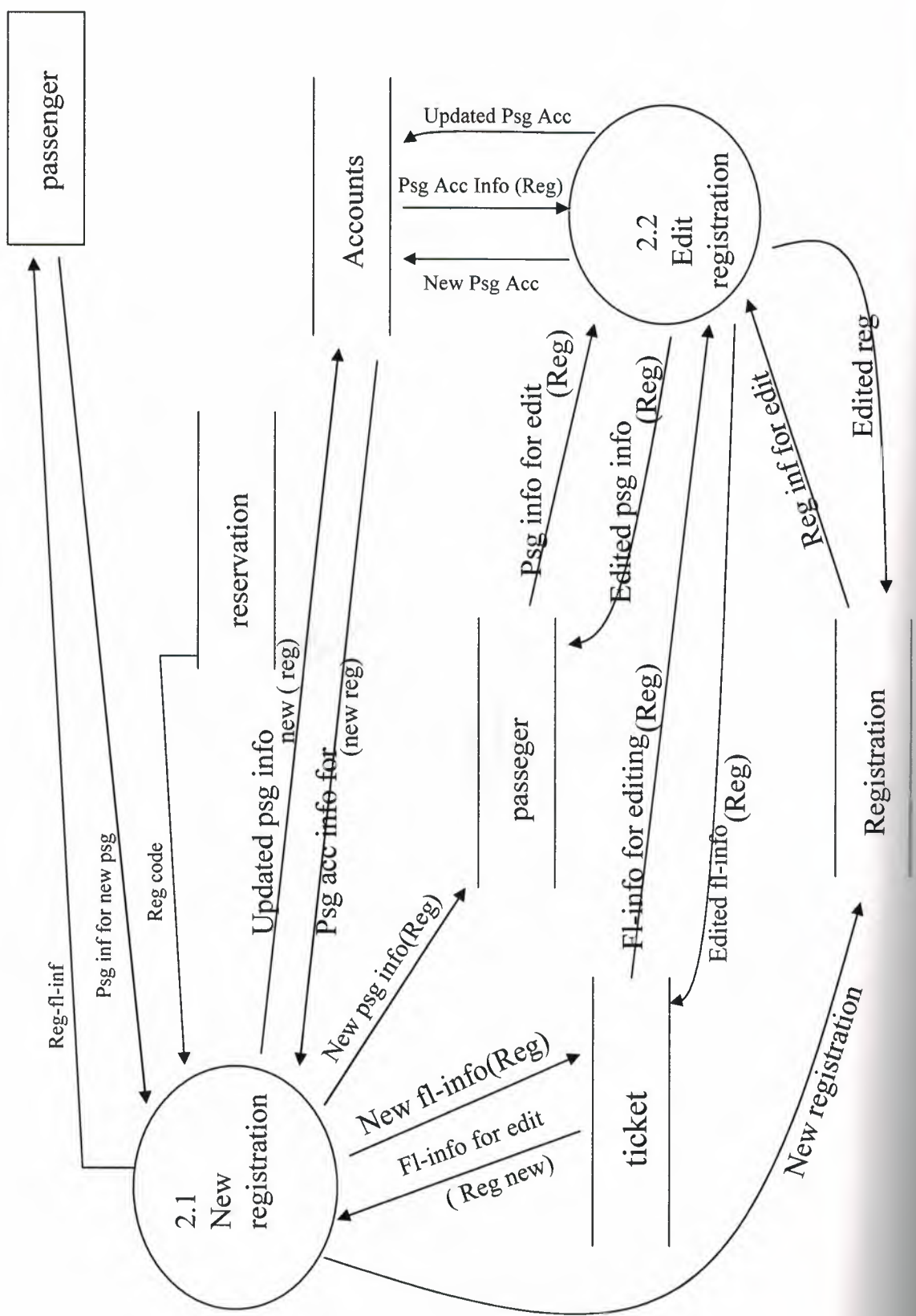


[illegible]

# 1. Detailed DFD for Reservation

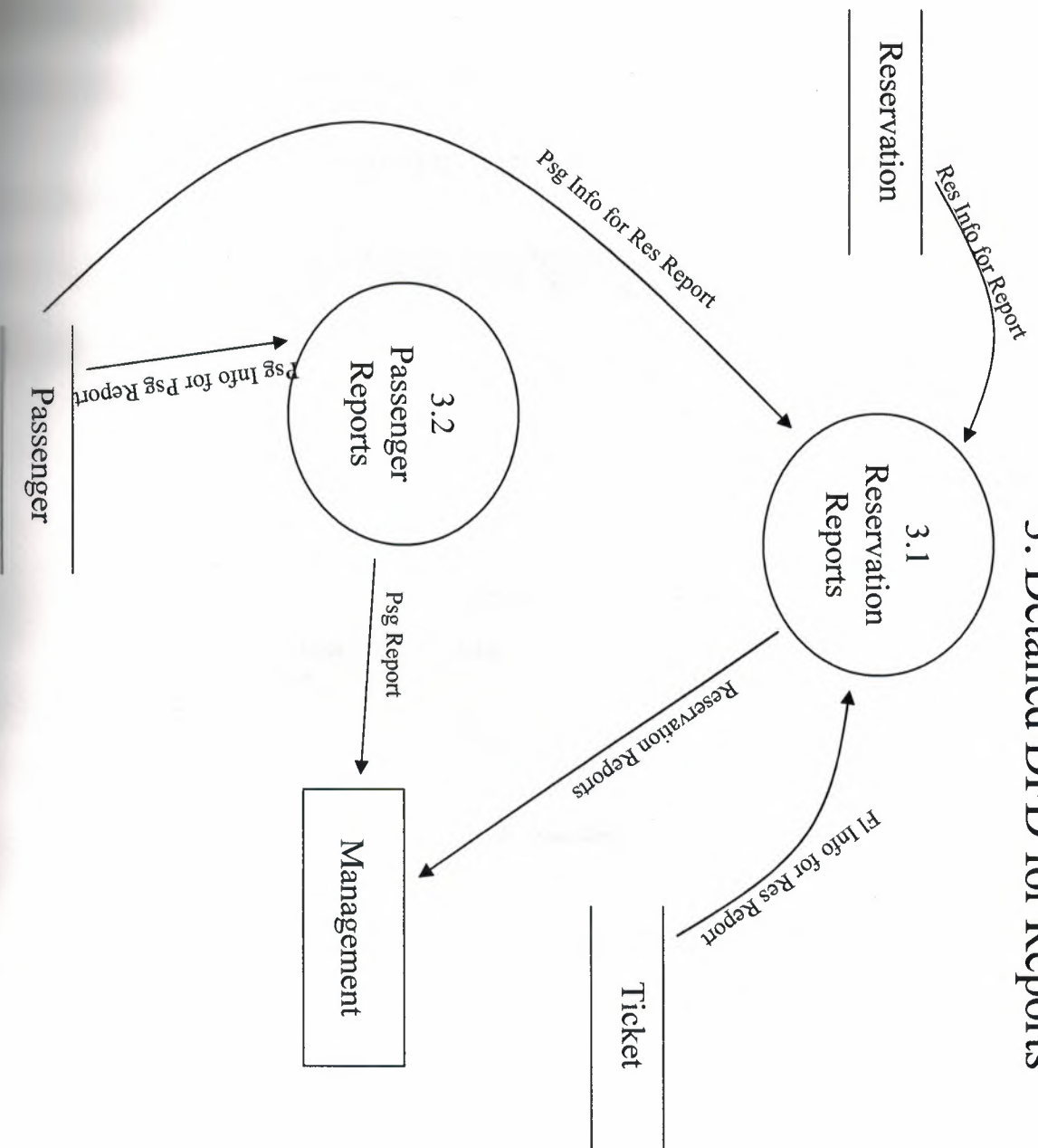


## 2. Detailed DFD for Registration






### 3. Detailed DFD for Reports





## 2.2 DATABASE TABLES

### RESERVATION



tblRes : Table			
	Field Name	Data Type	iscript
	rcode	Number	
	flcode	Number	
	rsdate	Text	
	rsON	Yes/No	
	rscancel	Yes/No	
	rsok	Yes/No	

Field Properties	
General   Lookup	
Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (No Duplicates)

## REGISTRATION

tblReg : Table

	Field Name	Data Type
	rgcode	Number
	rgdate	Date/Time
	flcode	Number
	rgON	Yes/No
	rgcancel	Yes/No
	pcode	Number

Field Properties

General | Lookup

Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (Duplicates C

## PASSENGER

tblPsg : Table	
	Field Name      Data Type
	pcode      Number
	pname      Text
	psurname      Text
	pnation      Text
	ppasport      Text
	pdob      Date/Time
	pproff      Text
	padd      Text
	pfone      Text
	pfax      Text

Field Properties

General
Lookup

Field Size	20
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None

## TICKET

tblTicket : Table

Field Name	Data Type
fcode	Number
pcode	Number
flight_no	Text
fldate	Date/Time
airline	Text
fltime	Date/Time
flok	Yes/No
PNR	Text
origin	Text
dest	Text
price	Currency

Field Properties

General | Lookup

Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (No Duplicat

## ACCOUNTS

tblAcc : Table		
	Field Name	Data Type
?	accode	Number
	flcode	Number
	pcode	Number
	acdatead	Text
	acdategr	Text
	debit	Currency
	credit	Currency
	balance	Currency
	percent	Text
	send	Currency

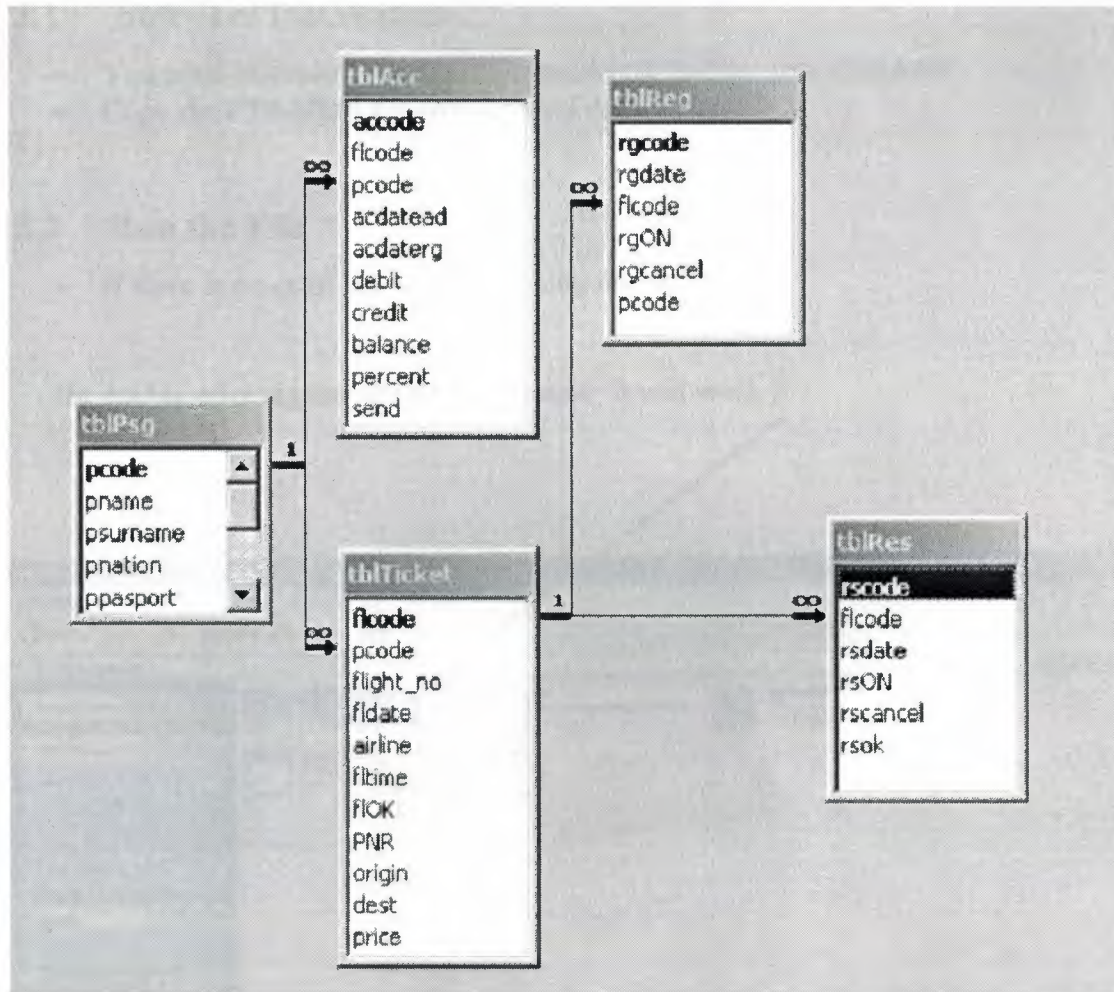
Field Properties

General
Lookup

Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (No Duplicate)



## 2.3 TABLE RELATIONSHIPS



## 3. USER MANUAL

---

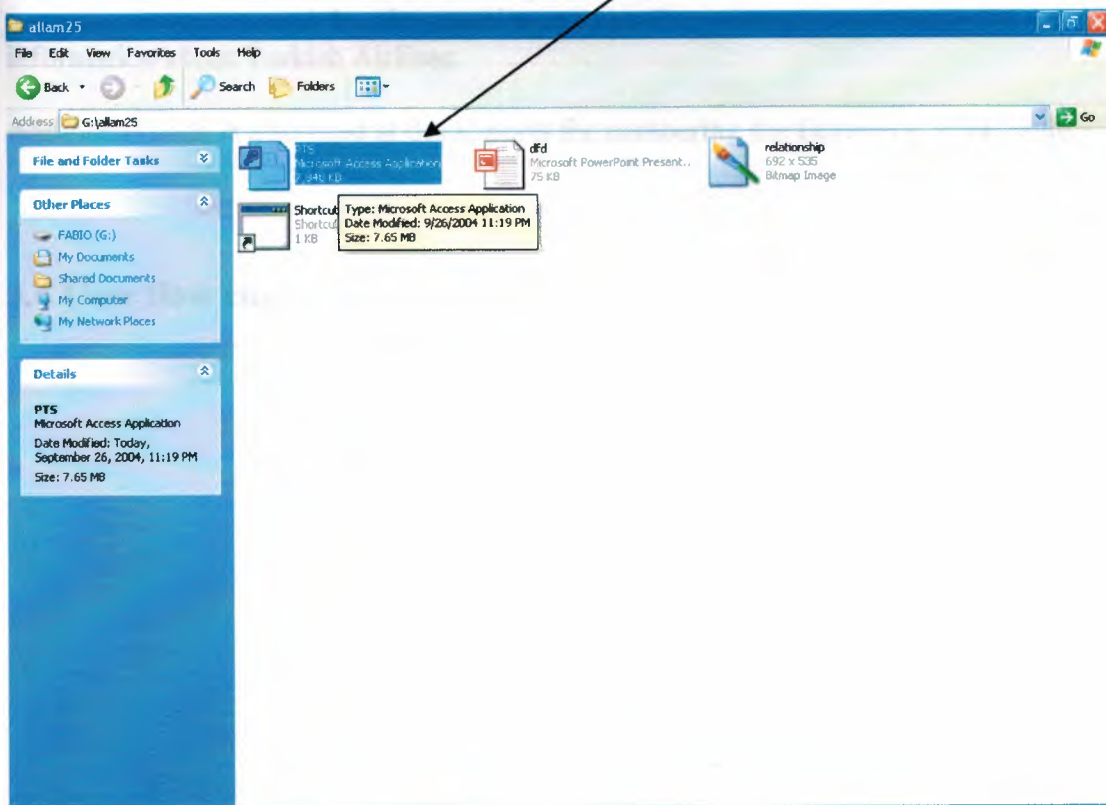
### 3.1 Software Installation

- You need Microsoft Access 2002 to be installed on your computer.
- Copy the PTS.MDB file to your hard drive from CD .

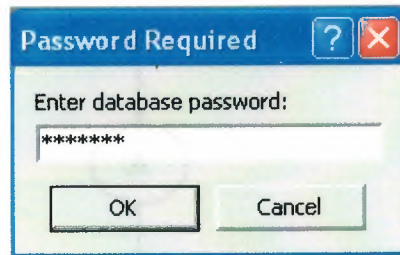
### 3.2 Run the File

- If there is no error file will be running normally.

By double-clicking the selected file below it will work :-



And after that, a pop-up menu requiring for password (allam99) will be displayed as shown below :-



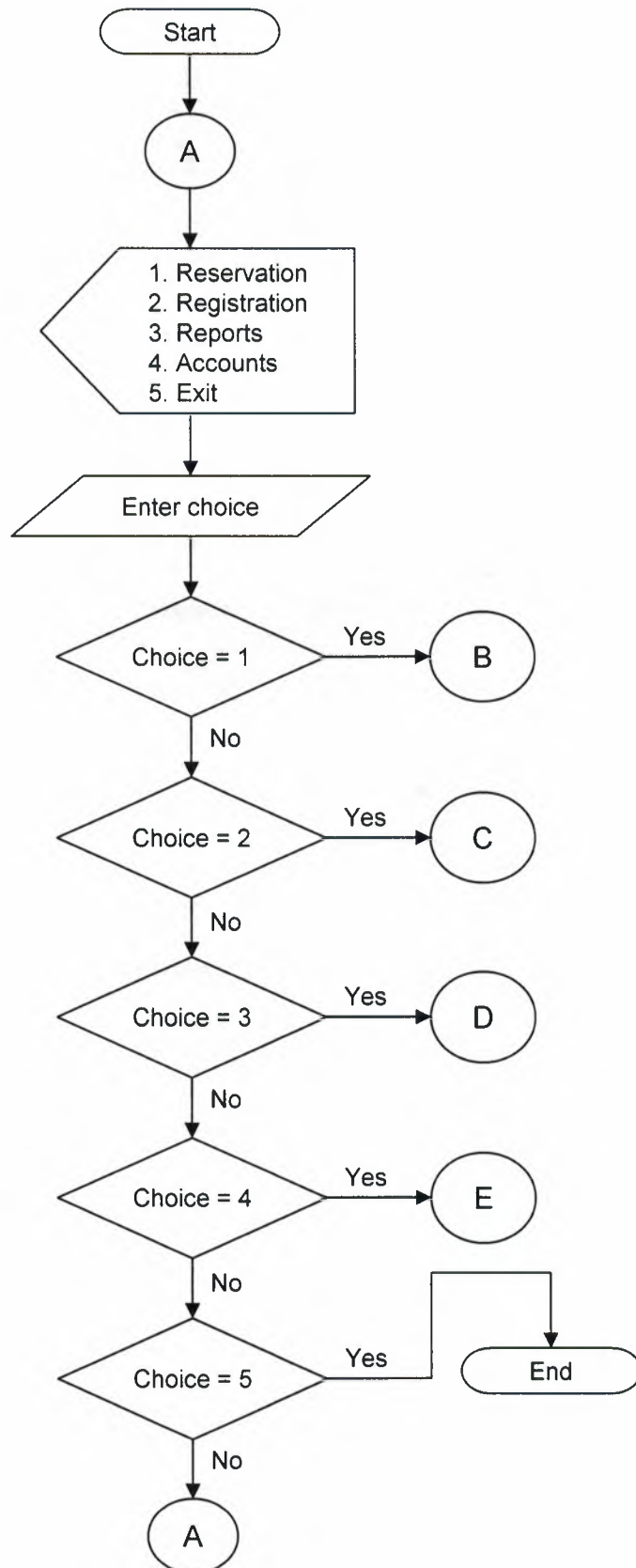
### **3.3 Important functions used in the program :-**

At the flight no, and at the airlines system, special code indicating the airlines' company name is used by the travel agencies. For example, we enter TK to get information about Turkish Airlines.

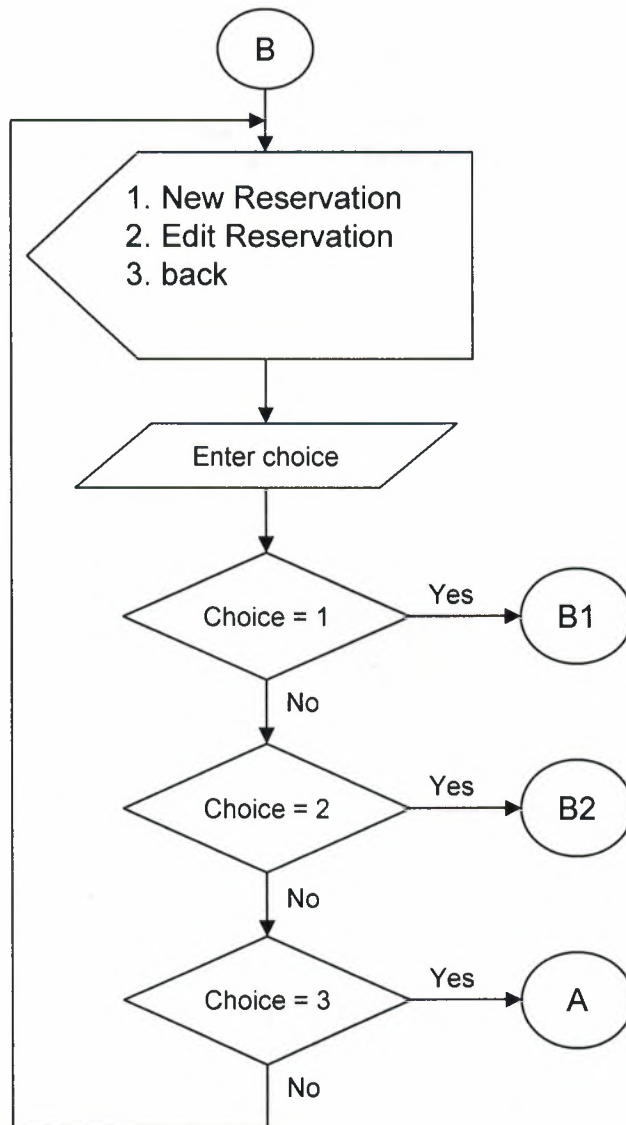
Additional code is also used at the airports for numbering the tickets i.e. **PNR** code.

### **3.4 User flow chart :-**

## Main Menu

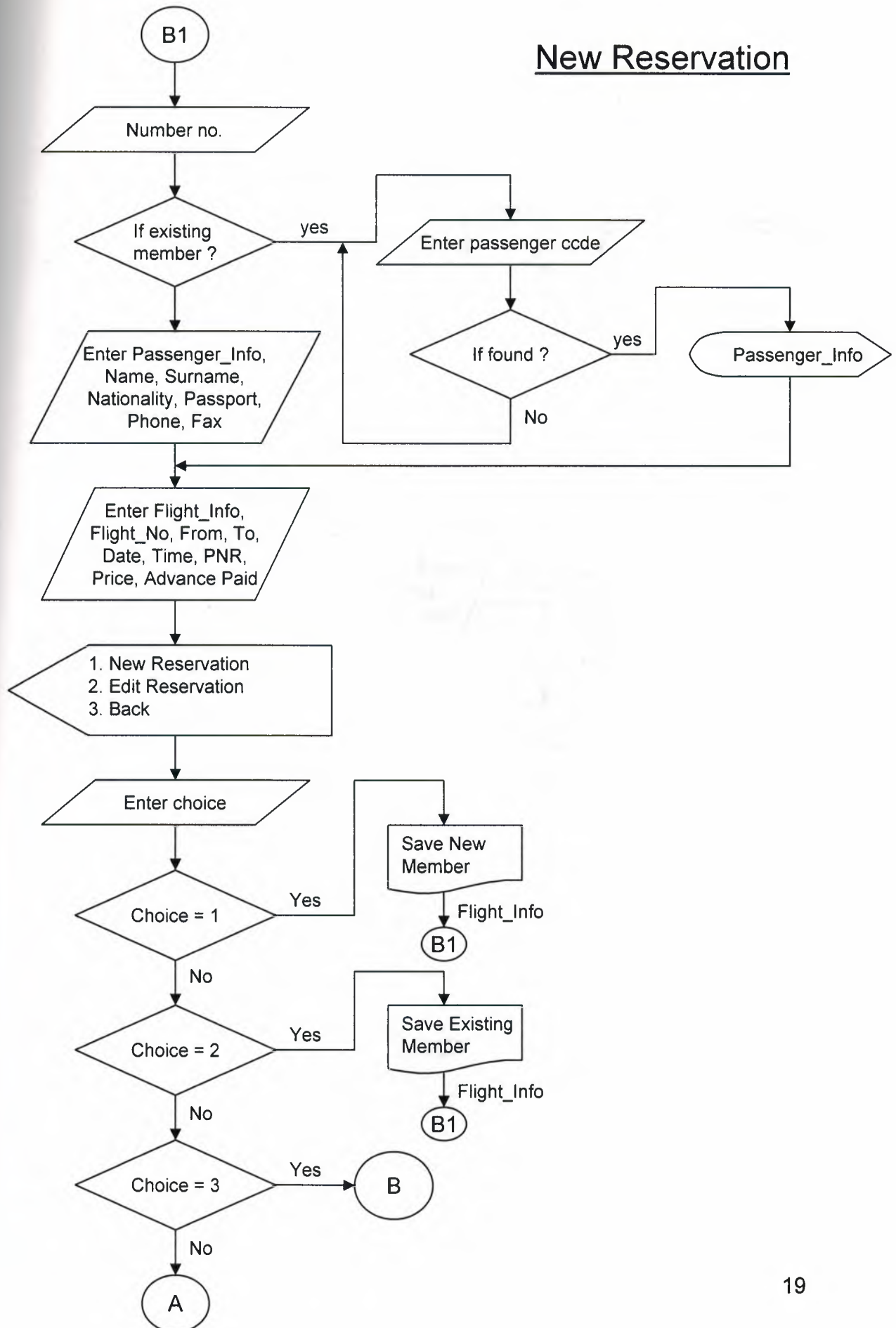


## Reservation

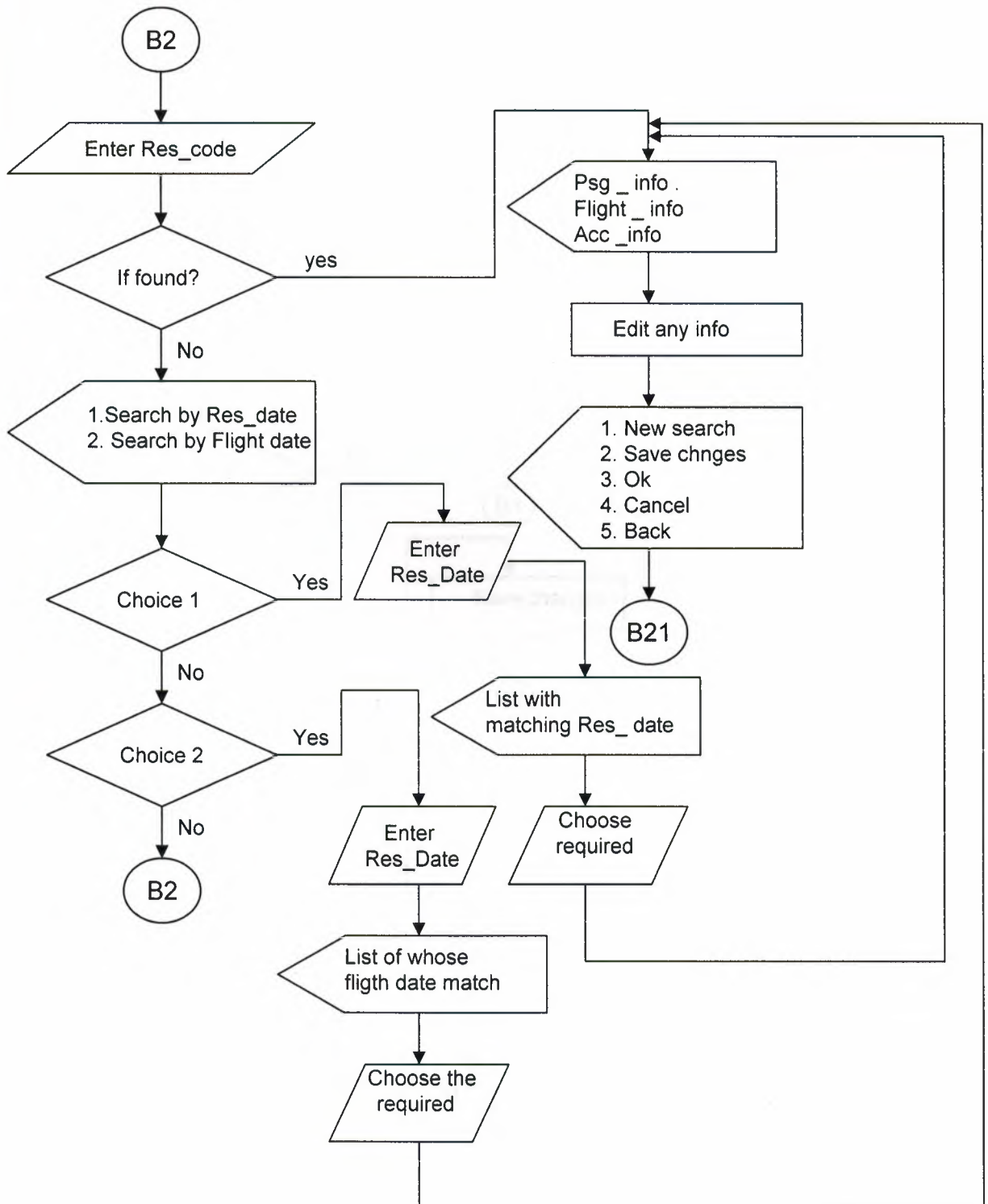




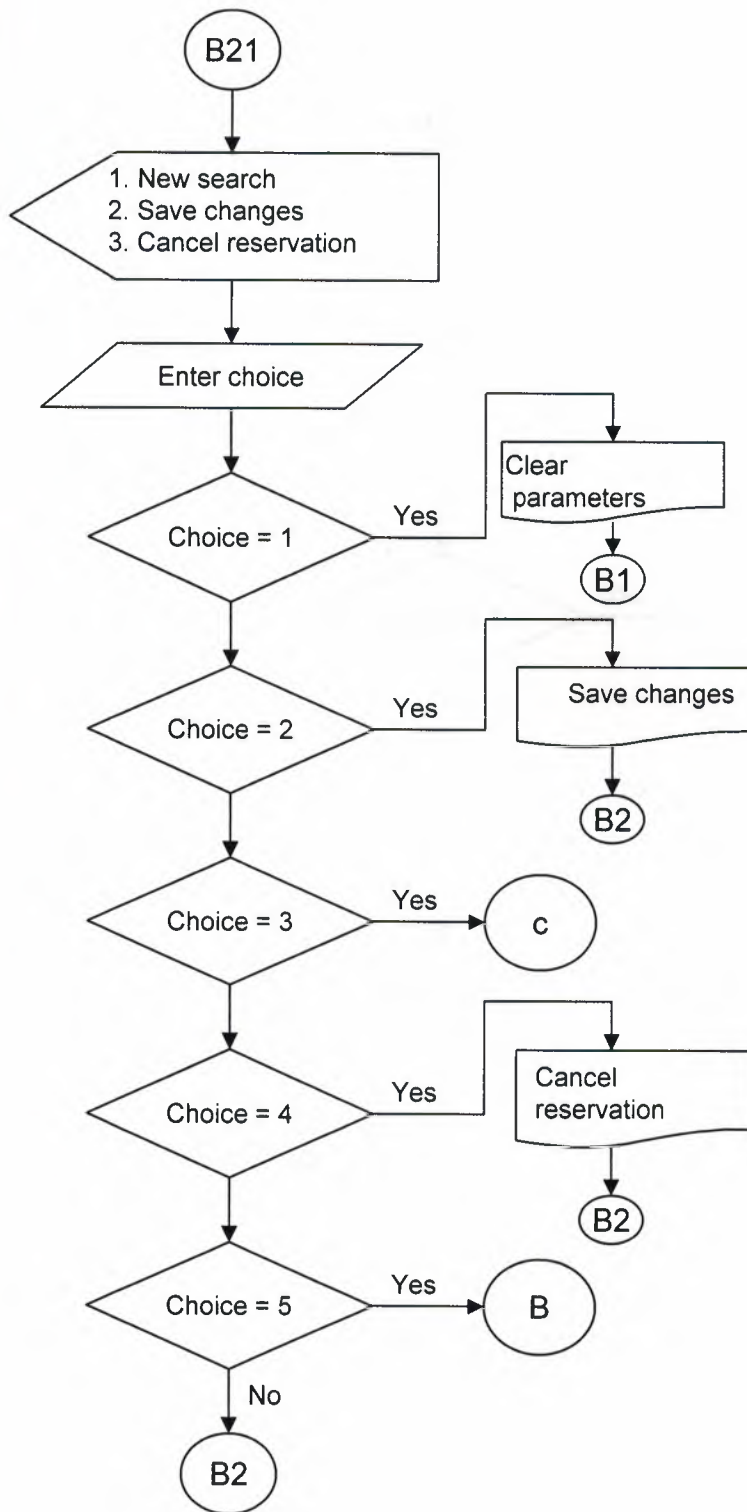
## New Reservation



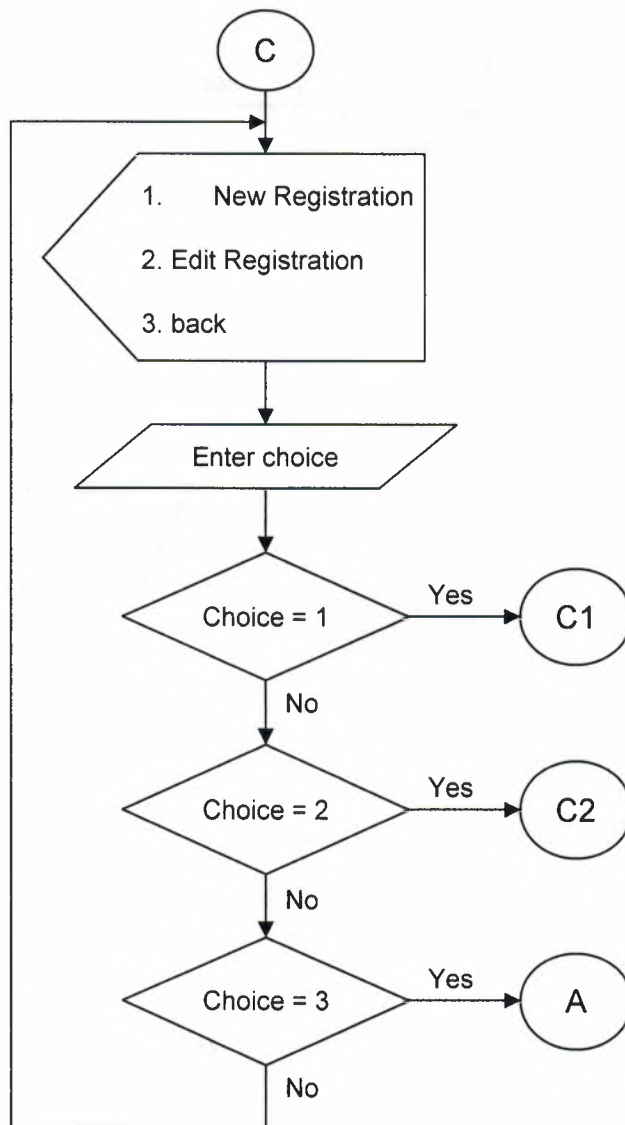
## Edit Reservation



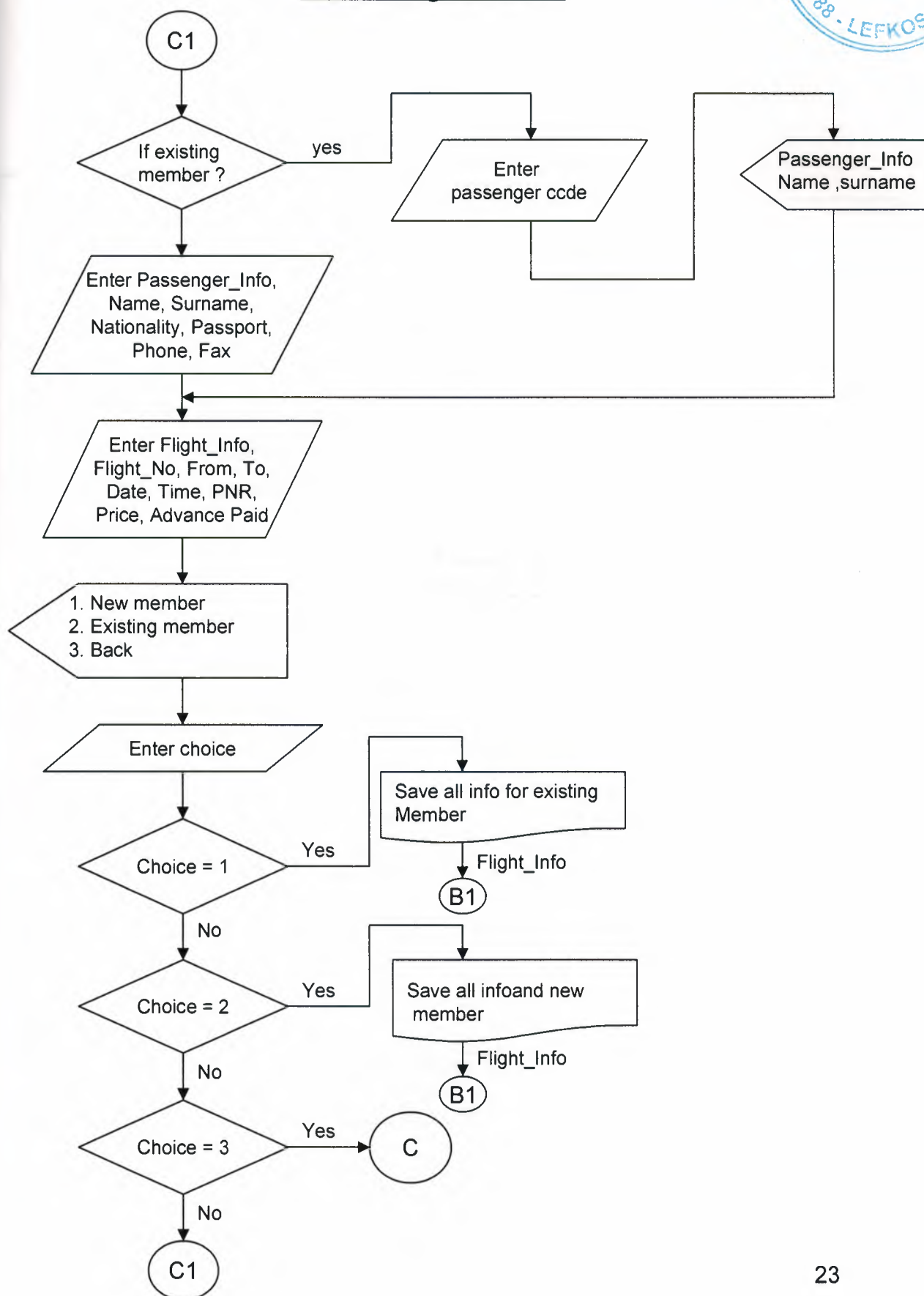
## Continuing With Edit Reservation



## Registration

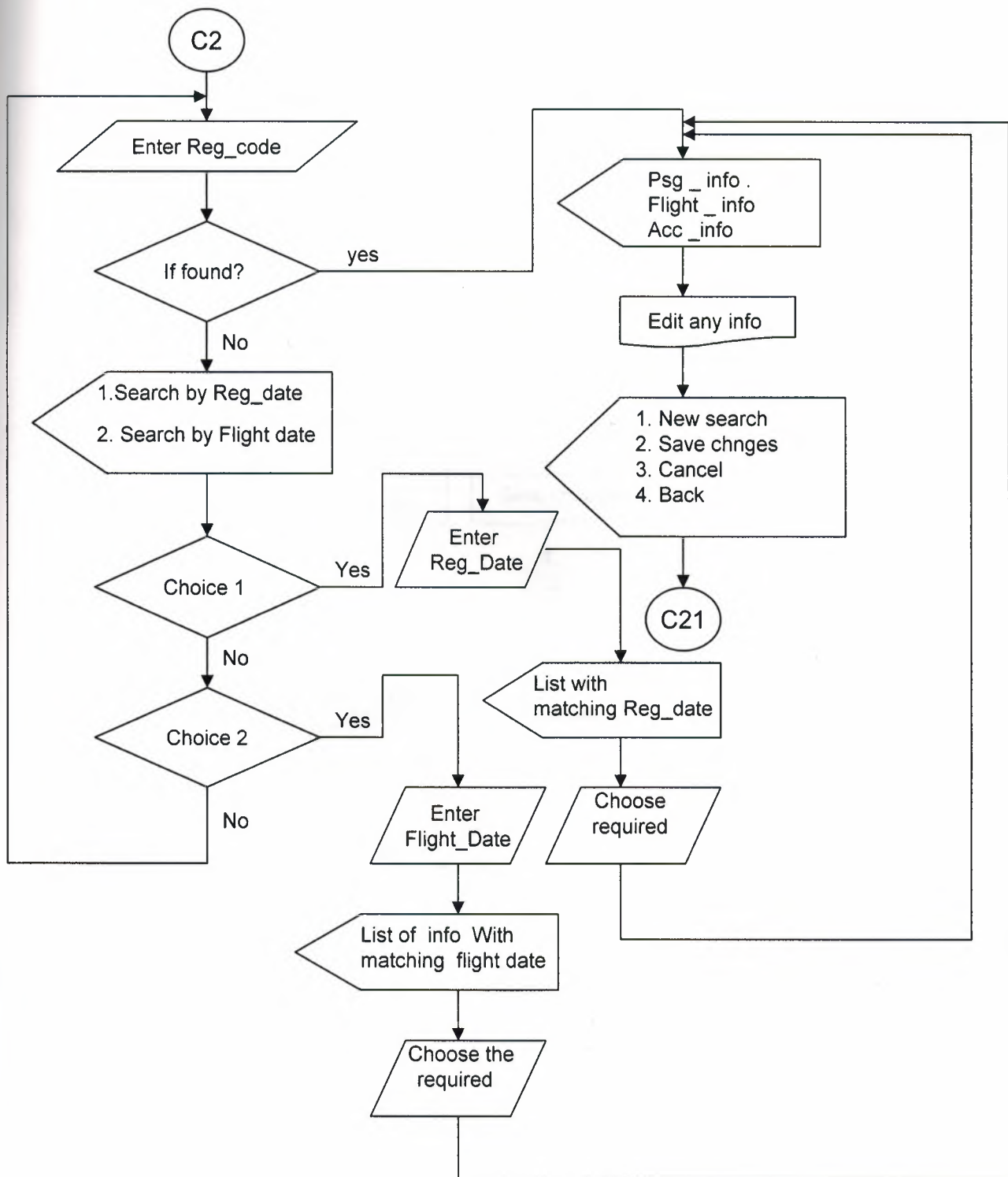


## New Registration

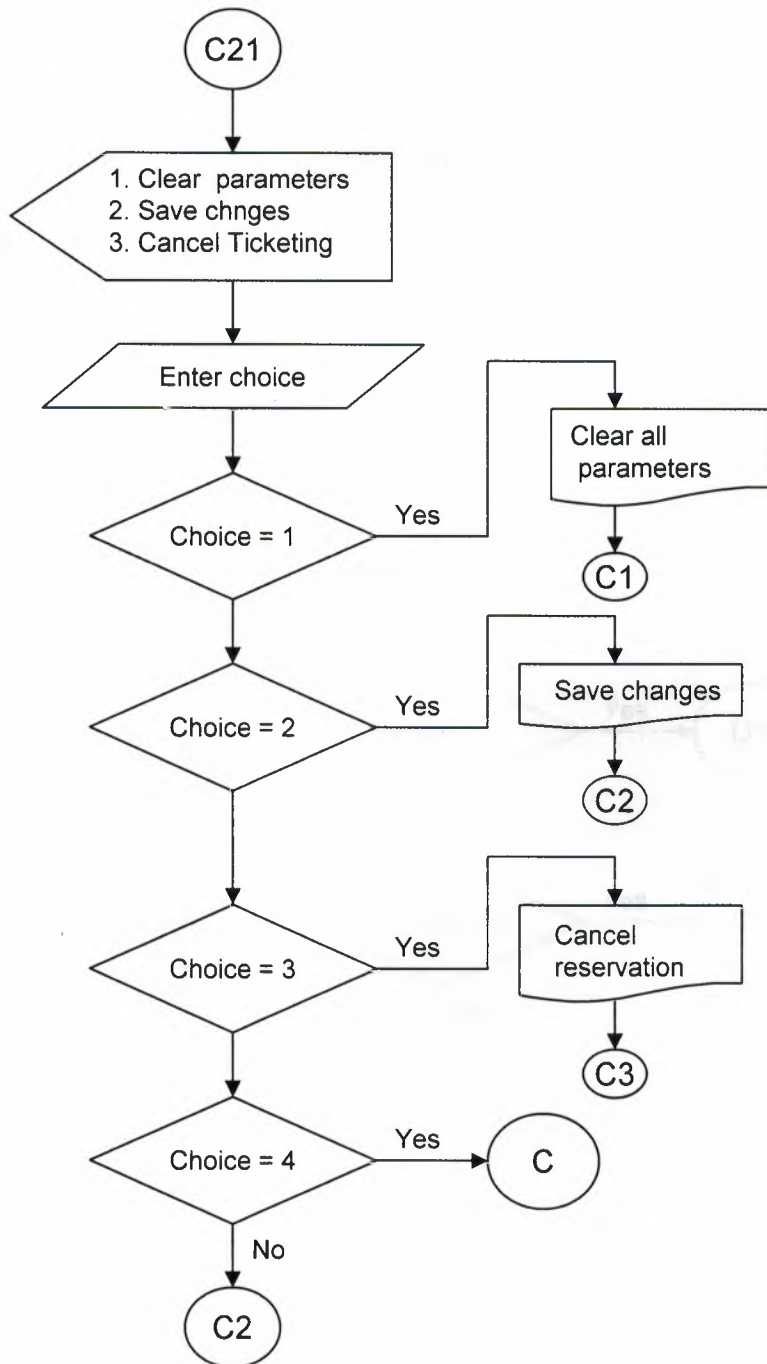




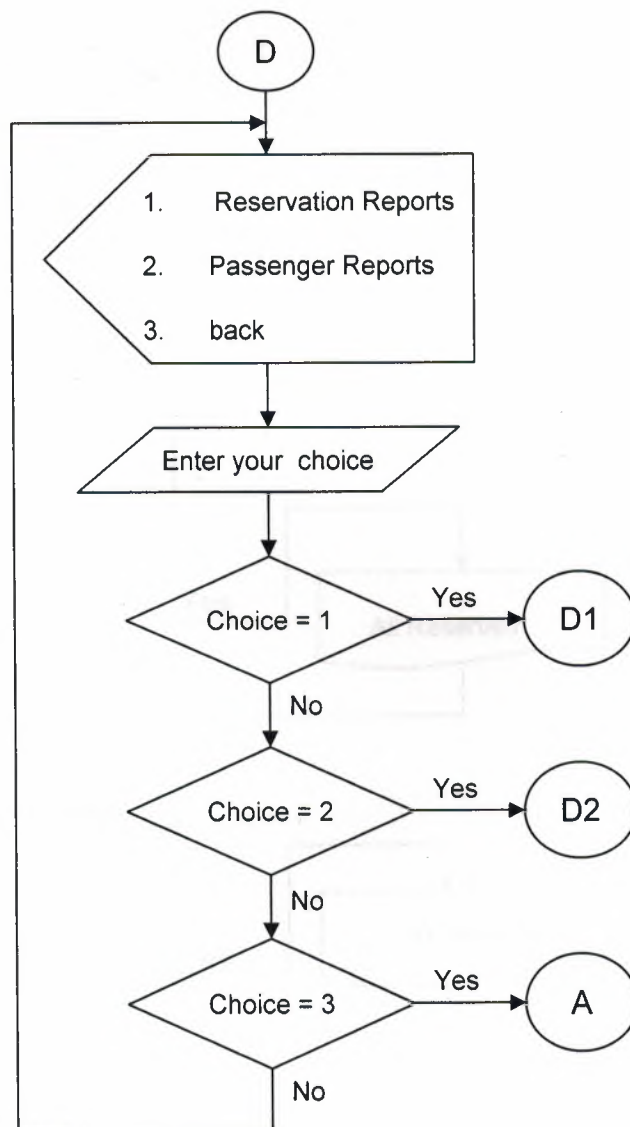
# Edit Registration



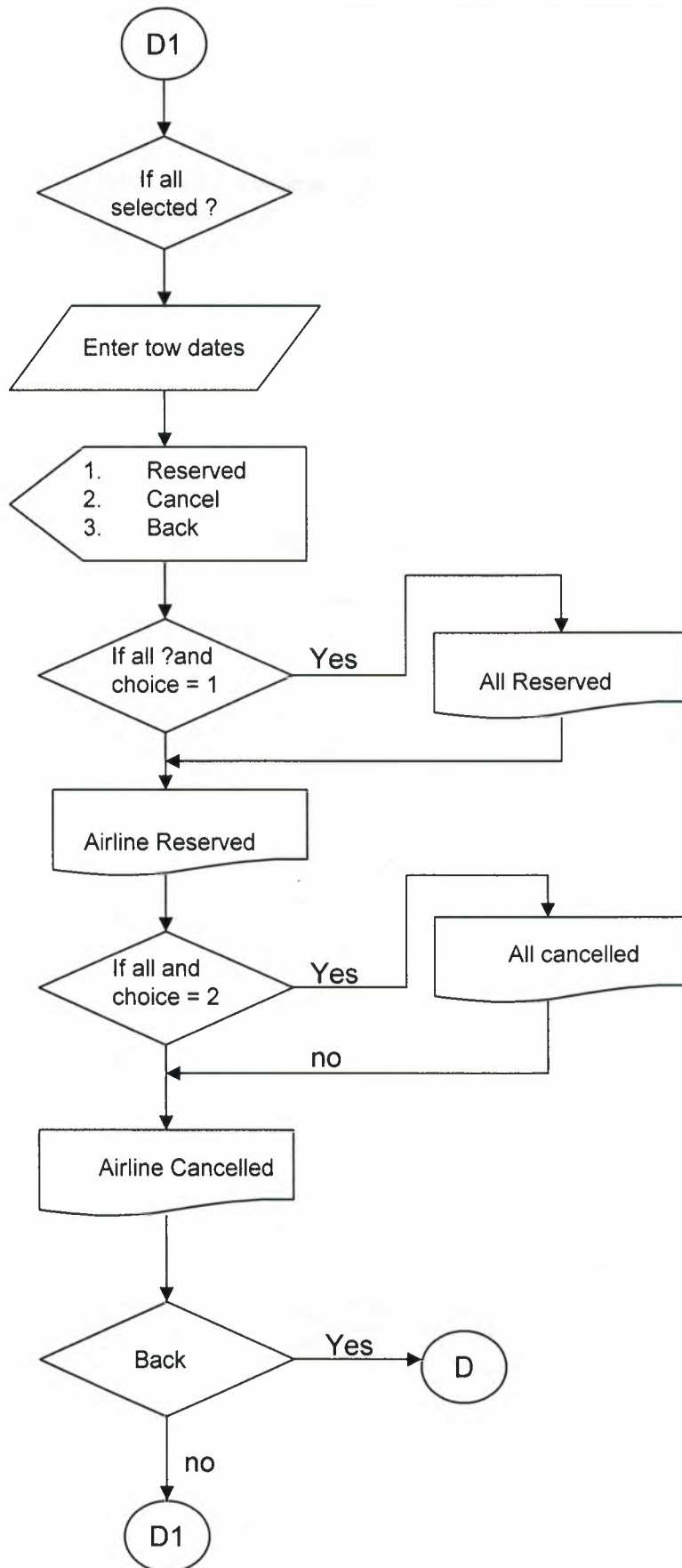
## Continuing With Edit Registration



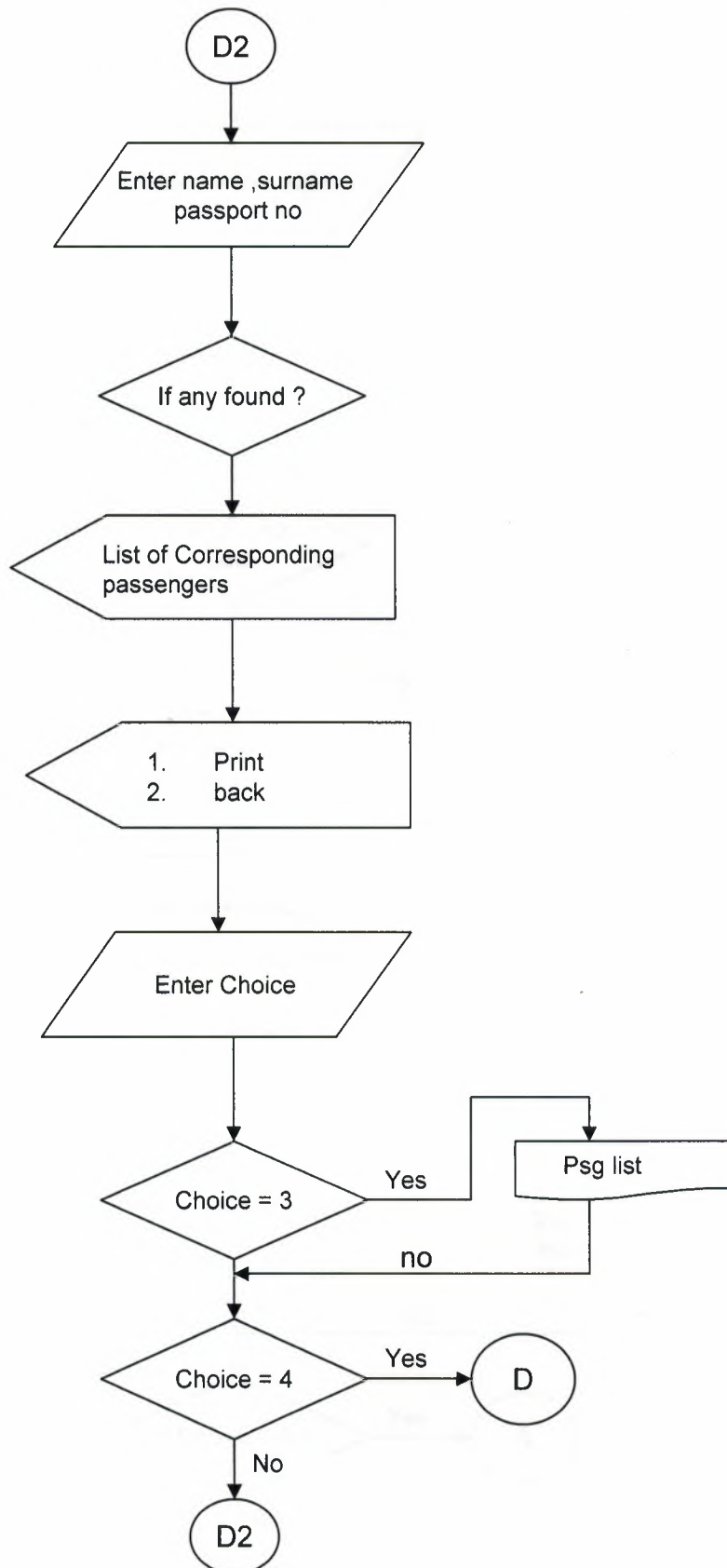
## Reports



## Reservation Reports

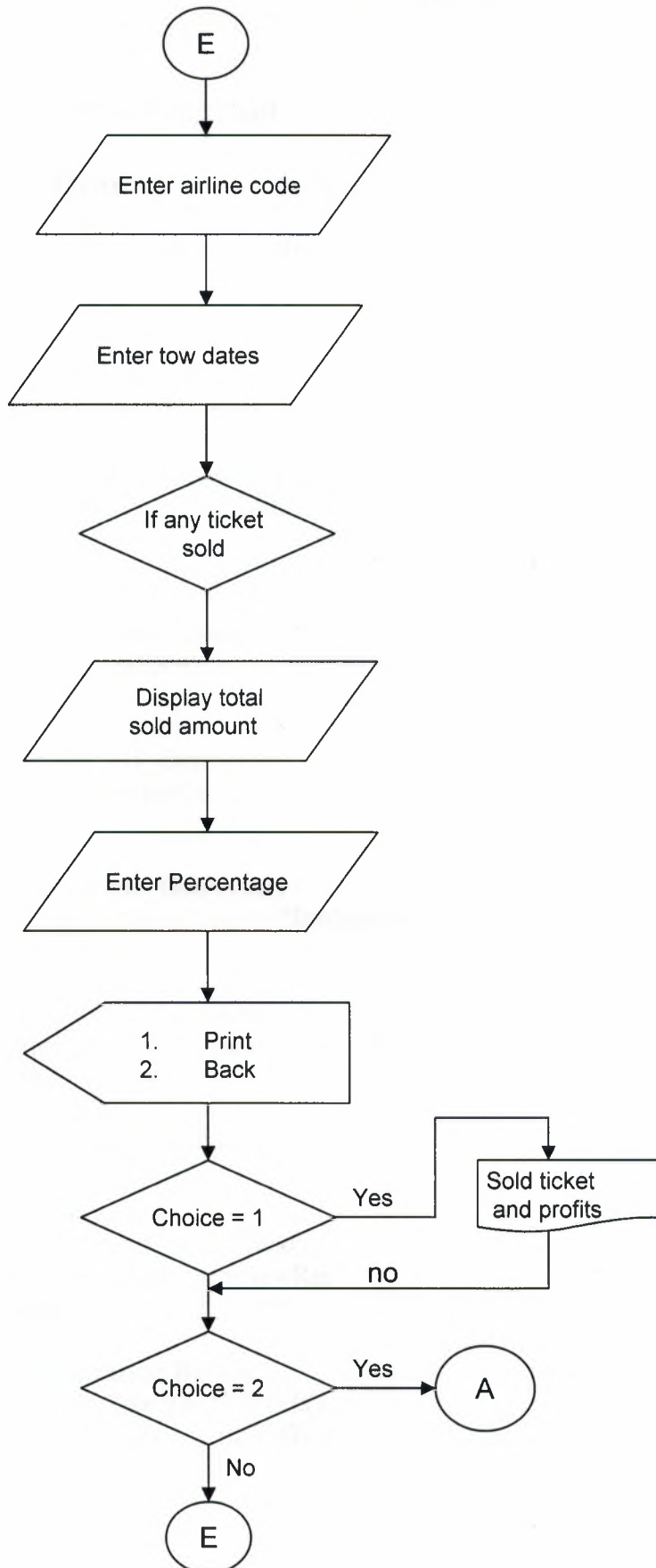


## Passenger Report





## Accounts



## **4. LIST OF SUBPROGRAM**

### **4.1 Source Program**

#### **Main Menu**

```
Private Sub cmdAccounts_Click()  
DoCmd.OpenForm "frmAccounts"  
End Sub
```

```
Private Sub cmdE_xit_Click()  
If MsgBox("Do You Want To Logoff? ", vbYesNo + vbCritical + vbQuestion,  
Me.Caption) = vbYes Then  
DoCmd.Close acForm, "frmMain"  
DoCmd.OpenForm "frmExit"  
End If  
End Sub
```

```
Private Sub Form_Load()  
Me.frmSub.SetFocus  
End Sub
```

```
Private Sub tgl1_GotFocus()  
Me.frmSub.SourceObject = "frmSubRes"  
End Sub
```

```
Private Sub tgl2_GotFocus()  
Me.frmSub.SourceObject = "frmSubReg"  
End Sub
```

```
Private Sub tgl3_GotFocus()  
Me.frmSub.SourceObject = "frmSubRpt"  
End Sub
```

#### **Reservation Sub Menu**

##### **New Reservation**

```
Private Sub cmd_New_Click()  
DoCmd.OpenForm "frmNewRes"  
End Sub
```

##### **Edit Reservation Button**

```
Private Sub Command3_Click()  
DoCmd.OpenForm "frmEditRes"  
End Sub
```

## **New Reservation Form**

### **Option Compare Database**

Public db As DAO.Database

Public s1 As String, s2 As String, s3 As String

Public rs1 As DAO.Recordset, rs2 As DAO.Recordset, rs3 As DAO.Recordset, rs4 As DAO.Recordset

### **Back Button**

Private Sub cmd\_Back\_Click()

DoCmd.Close acForm, "frmNewRes"

End Sub

### **Save Button**

Private Sub cmd\_Save\_Click()

Set db = CurrentDb()

Set rs3 = db.OpenRecordset("tblTicket")

rs3.AddNew

rs3.Fields("flcode").Value = Me.txtflcode

rs3.Fields("flight\_no").Value = Me.txtflight

rs3.Fields("airline").Value = Me.txtFL\_Name

rs3.Fields("dest").Value = Me.txtto

rs3.Fields("PNR").Value = Me.txtPNR

rs3.Fields("origin").Value = Me.txtfrom

rs3.Fields("price").Value = Me.txtprice

rs3.Fields("pcode").Value = Me.txtpcode

rs3.Fields("fldate").Value = Me.txtdate

rs3.Fields("fltime").Value = Me.txttime

rs3.Update

Set rs2 = db.OpenRecordset("tblRes")

rs2.AddNew

rs2.Fields("rscode").Value = Me.txtrsCode

rs2.Fields("flcode").Value = Me.txtflcode

rs2.Fields("pcode").Value = Me.txtpcode

rs2.Fields("rsdate").Value = Me.txtrsdate

rs2.Fields("rsON").Value = True

rs2.Update

Set rs4 = db.OpenRecordset("tblAcc")

rs4.AddNew

rs4.Fields("accode").Value = Me.txtacc

rs4.Fields("flcode").Value = Me.txtflcode

rs4.Fields("pcode").Value = Me.txtpcode

```

rs4.Fields("acdatead").Value = Me.txtrsdate
rs4.Fields("credit").Value = Me.txtprice
rs4.Fields("debit").Value = Me.txtadvance
rs4.Fields("balance").Value = Me.txtbalance
rs4.Update

```

```

MsgBox "Reservation created successfully", vbInformation, Me.Caption
Call frmloadres(Me)
Call new1(Me)
End Sub

```

### **New Button**

```

Private Sub cmdNew_Click()
Set db = CurrentDb()
Set rs1 = db.OpenRecordset("tblPsg")
rs1.AddNew
rs1.Fields("pcode").Value = Me.txtpcode
rs1.Fields("pname").Value = Me.txtname
rs1.Fields("psurname").Value = Me.txtsurname
rs1.Fields("pnation").Value = Me.txtnation
rs1.Fields("ppasport").Value = Me.txtpass
rs1.Fields("pfone").Value = Me.txtfone
rs1.Fields("pfax").Value = Me.txtfax
rs1.Update

```

```

Set rs3 = db.OpenRecordset("tblTicket")
rs3.AddNew
rs3.Fields("flcode").Value = Me.txtflcode
rs3.Fields("flight_no").Value = Me.txtflight
rs3.Fields("airline").Value = Me.txtFL_Name
rs3.Fields("dest").Value = Me.txtto
rs3.Fields("origin").Value = Me.txtfrom
rs3.Fields("PNR").Value = Me.txtPNR
rs3.Fields("price").Value = Me.txtprice
rs3.Fields("pcode").Value = Me.txtpcode
rs3.Fields("fldate").Value = Me.txtdate
rs3.Fields("fltime").Value = Me.txttime
rs3.Update

```

```

Set rs2 = db.OpenRecordset("tblRes")
rs2.AddNew
rs2.Fields("rscode").Value = Me.txtrsCode
rs2.Fields("flcode").Value = Me.txtflcode
rs2.Fields("pcode").Value = Me.txtpcode
rs2.Fields("rsdate").Value = Me.txtrsdate
rs2.Fields("rsON").Value = True

```

rs2.Update

```
Set rs4 = db.OpenRecordset("tblAcc")
rs4.AddNew
rs4.Fields("accode").Value = Me.txtacc
rs4.Fields("flcode").Value = Me.txtflcode
rs4.Fields("pcode").Value = Me.txtpcode
rs4.Fields("acdatead").Value = Me.txtrsdate
rs4.Fields("credit").Value = Me.txtprice
rs4.Fields("debit").Value = Me.txtadvance
rs4.Fields("balance").Value = Me.txtbalance
rs4.Update
```

```
MsgBox "Reservation created successfully", vbInformation, Me.Caption
Call frmloadres(Me)
Call new1(Me)
End Sub
```

#### **Form Load Event**

```
Private Sub Form_Load()
Call frmloadres(Me)
End Sub
```

```
Private Sub txtpcode_AfterUpdate()
Set db = CurrentDb()
s1 = "SELECT * FROM tblPsg WHERE pcode=" & Me.txtpcode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
MsgBox "Pessenger code not found"
Call frmloadres(Me)
Call new1(Me)
Else
Me.txtname = rs1.Fields("pname").Value
Me.txtsurname = rs1.Fields("psurname").Value
Me.txtnation = rs1.Fields("pnation").Value
Me.txtpass = rs1.Fields("ppasport").Value
Me.txtfone = rs1.Fields("pfone").Value
Me.txtfax = rs1.Fields("pfax").Value
End If
End Sub
```

#### **Edit Reservation Form**

##### **Option Compare Database**

```
Public db As DAO.Database
Public s1 As String, s2 As String, s3 As String
```



```
Public rs1 As DAO.Recordset, rs2 As DAO.Recordset, rs3 As DAO.Recordset
```

### **Back Button**

```
Private Sub cmd_Back_Click()  
DoCmd.Close acForm, "frmEditRes"  
End Sub
```

### **Save Button**

```
Private Sub cmd_Save_Click()  
Set db = CurrentDb()  
s1 = "SELECT * FROM tblRes WHERE rcode= " & Me.txtrsCode & ""  
Set rs1 = db.OpenRecordset(s1)  
If rs1.EOF And rs1.BOF Then  
    MsgBox "No Record Found", vbCritical, Me.Caption  
    Me.txtadvance.SetFocus  
    Me.txtrsCode = ""  
    Me.txtrsCode.SetFocus  
Else  
    rs1.Edit  
    rs1.Fields("rsdate").Value = Me.txtrsdate  
    rs1.Update  
    s2 = "SELECT * FROM tblTicket WHERE flcode = " & rs1.Fields("flcode").Value & ""  
    Set rs2 = db.OpenRecordset(s2)  
    If rs2.EOF And rs2.BOF Then  
        MsgBox ("Record Not Found"), vbInformation + vbCritical, Me.Caption  
        Me.txtadvance.SetFocus  
        Me.txtrsCode = ""  
        Me.txtrsCode.SetFocus  
    Else  
        s3 = "SELECT * FROM tblPsg WHERE pcode= " & rs2.Fields("pcode").Value & ""  
        Set rs3 = db.OpenRecordset(s3)  
'(Updating Customer Information)  
        rs3.Edit  
        rs3.Fields("pname").Value = Me.txtname  
        rs3.Fields("psurname").Value = Me.txtsurname  
        rs3.Fields("pnation").Value = Me.txtnation  
        rs3.Fields("ppasport").Value = Me.txtpass  
        rs3.Fields("pfone").Value = Me.txtfone  
        rs3.Fields("pfax").Value = Me.txtfax  
        rs3.Update  
'(Updating Flight Information)  
        rs2.Edit  
        rs2.Fields("flight_no").Value = Me.txtflight  
        rs2.Fields("fldate").Value = Me.txtdate
```

```

rs2.Fields("airline").Value = Me.txtFL_Name
rs2.Fields("fltime").Value = Me.txttime
rs2.Fields("PNR").Value = Me.txtPNR
rs2.Fields("origin").Value = Me.txtfrom
rs2.Fields("dest").Value = Me.txtto
rs2.Fields("price").Value = Me.txtprice
rs2.Update
End If
rs1.Close
s1 = "SELECT * FROM tblAcc WHERE pcode =" & rs2.Fields("pcode").Value & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
    MsgBox "No Record Found", vbCritical, Me.Caption
Else
    rs1.Edit
    rs1.Fields("debit").Value = Me.txtadvance
    rs1.Update
End If
MsgBox "Changes saved to the record ", vbInformation, Me.Caption

End If
End Sub

```

### **Cancel Reservation Button**

```

Private Sub cmdCancel_Click()
Set db = CurrentDb()
s1 = "SELECT * FROM tblRes WHERE rcode=" & Me.txtrsCode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
    MsgBox "Record Not Found", vbInformation, Me.Caption
Else
    If Me.txtrscancel = "sold" Then
        MsgBox "Ticket has been sold"
        Exit Sub
    End If
    If rs1.Fields("rscancel").Value = False Then
        If MsgBox("Are you sure to cancel the reservation? ", vbInformation + vbYesNo,
Me.Caption) = vbYes Then
            rs1.Edit
            rs1.Fields("rsON").Value = False
            rs1.Fields("rscancel").Value = True
            rs1.Update
            s2 = "SELECT * FROM tblTicket WHERE flcode=" &
rs1.Fields("flcode").Value & ""
            Set rs2 = db.OpenRecordset(s2)

```

```

        s3 = "SELECT * FROM tblAcc WHERE pcode=" & rs2.Fields("pcode").Value &
" AND flcode=" & rs2.Fields("flcode").Value & ""
        Set rs3 = db.OpenRecordset(s3)
        If rs3.EOF And rs3.BOF Then
            Else
                rs3.Edit
                rs3.Fields("credit").Value = 0
                rs3.Fields("debit").Value = 0
                rs3.Fields("balance").Value = 0
                rs3.Update
            End If
            MsgBox "Reservation canceled", vbInformation, Me.Caption
            Me.txtrdate = ""
            Me.txtrscancel = ""
            Me.txtrsCode = ""
            Me.txtrsCode.SetFocus
            Call new1(Me)
        End If
    End If
End If
End Sub

```

#### **New Button**

```

Private Sub cmdNew_Click()
    Me.txtrsCode = ""
    Me.txtrdate = Null
    Me.txtrscancel = ""
    Call new1(Me)
    Me.txtrsCode.SetFocus
End Sub

```

#### **OK Button**

```

Private Sub cmdOK_Click()
    Set db = CurrentDb()
    If Me.txtrscancel = "Sold" Then
        MsgBox "Reservation has been updated to registration", vbInformation, Me.Caption
        Exit Sub
    End If
    If Me.txtrscancel = "Canceled" Then
        If MsgBox("Sorry reservation has been canceled! Do you want to restore the
reservation?", vbInformation + vbYesNo, Me.Caption) = vbYes Then
            s1 = "SELECT * FROM tblRes WHERE rcode=" & Me.txtrsCode & ""
            Set rs1 = db.OpenRecordset(s1)
            If rs1.EOF And rs1.BOF Then
                Else
                    rs1.Edit

```

```

rs1.Fields("rscancel").Value = False
rs1.Fields("rsON").Value = True
rs1.Update
Me.txtrscancel = "Reserved"

DoCmd.OpenForm "frmNewReg"
Forms!frmNewReg!txtrsCode = Me.txtrsCode
Set rs2 = db.OpenRecordset("tblReg")
If rs2.EOF And rs2.BOF Then
    Forms!frmNewReg!txtrgCode = 1
Else
    rs2.MoveLast
    Forms!frmNewReg!txtrgCode = rs2.Fields("rgcode").Value + 1
End If
rs2.Close
Set rs2 = Nothing
s2 = "SELECT * FROM tblTicket WHERE flcode=" &
rs1.Fields("flcode").Value & ""
Set rs2 = db.OpenRecordset(s2)
If rs2.EOF And rs2.BOF Then
Else
    s3 = "SELECT * FROM tblPsg WHERE pcode=" & rs2.Fields("pcode").Value
    Set rs3 = db.OpenRecordset(s3)
    If rs3.EOF And rs3.BOF Then
    Else
        Forms!frmNewReg!txtflcode = rs2.Fields("flcode").Value
        Forms!frmNewReg!txtflight = rs2.Fields("flight_no").Value
        Forms!frmNewReg!txtFL_Name = rs2.Fields("airline").Value
        Forms!frmNewReg!txtfrom = rs2.Fields("origin").Value
        Forms!frmNewReg!txtto = rs2.Fields("dest").Value
        Forms!frmNewReg!txtdate = rs2.Fields("fldate").Value
        Forms!frmNewReg!txttime = rs2.Fields("fltime").Value
        Forms!frmNewReg!txtPNR = rs2.Fields("PNR").Value
        Forms!frmNewReg!txtprice = Forms!frmEditRes!txtprice
        Forms!frmNewReg!txtadvance = Forms!frmEditRes!txtadvance

        Forms!frmNewReg!txtpcode = rs3.Fields("pcode").Value
        Forms!frmNewReg!txtname = rs3.Fields("pname").Value
        Forms!frmNewReg!txtsurname = rs3.Fields("psurname").Value
        Forms!frmNewReg!txtnation = rs3.Fields("pnation").Value
        Forms!frmNewReg!txtpass = rs3.Fields("ppasport").Value
        Forms!frmNewReg!txtdob = rs3.Fields("pdob").Value
        Forms!frmNewReg!txtprof = rs3.Fields("pproff").Value
        Forms!frmNewReg!txtadd = rs3.Fields("padd").Value
        Forms!frmNewReg!txtfone = rs3.Fields("pfone").Value
        Forms!frmNewReg!txtfax = rs3.Fields("pfax").Value
    End If
End If

```



```

        End If
    End If
End If
End If
Else
    DoCmd.OpenForm "frmNewReg"
    Forms!frmNewReg!txtrsCode = Me.txtrsCode
    Set rs2 = db.OpenRecordset("tblReg")
    If rs2.EOF And rs2.BOF Then
        Forms!frmNewReg!txtrgCode = 1
    Else
        rs2.MoveLast
        Forms!frmNewReg!txtrgCode = rs2.Fields("rgcode").Value + 1
    End If
    rs2.Close
    Set rs2 = Nothing
    s1 = "SELECT * FROM tblRes WHERE rcode=" & Me.txtrsCode & ""
    Set rs1 = db.OpenRecordset(s1)
    If rs1.EOF And rs1.BOF Then
        Else
            s2 = "SELECT * FROM tblTicket WHERE flcode=" & rs1.Fields("flcode").Value
            & ""
            Set rs2 = db.OpenRecordset(s2)
            If rs2.EOF And rs2.BOF Then
                Else
                    s3 = "SELECT * FROM tblPsg WHERE pcode=" & rs2.Fields("pcode").Value
                    Set rs3 = db.OpenRecordset(s3)
                    If rs3.EOF And rs3.BOF Then
                        Else
                            Forms!frmNewReg!txtflcode = rs2.Fields("flcode").Value
                            Forms!frmNewReg!txtflight = rs2.Fields("flight_no").Value
                            Forms!frmNewReg!txtFL_Name = rs2.Fields("airline").Value
                            Forms!frmNewReg!txtfrom = rs2.Fields("origin").Value
                            Forms!frmNewReg!txtto = rs2.Fields("dest").Value
                            Forms!frmNewReg!txtdate = rs2.Fields("fldate").Value
                            Forms!frmNewReg!txttime = rs2.Fields("fltime").Value
                            Forms!frmNewReg!txtPNR = rs2.Fields("PNR").Value
                            Forms!frmNewReg!txtprice = Forms!frmEditRes!txtprice
                            Forms!frmNewReg!txtadvance = Forms!frmEditRes!txtadvance

                            Forms!frmNewReg!txtpcode = rs3.Fields("pcode").Value
                            Forms!frmNewReg!txtname = rs3.Fields("pname").Value
                            Forms!frmNewReg!txtsurname = rs3.Fields("psurname").Value
                            Forms!frmNewReg!txtnation = rs3.Fields("pnation").Value
                            Forms!frmNewReg!txtpass = rs3.Fields("ppasport").Value
                            Forms!frmNewReg!txtdob = rs3.Fields("pdob").Value
                        End If
                    End If
                End If
            End If
        End If
    End If
End If

```



```

Forms!frmNewReg!txtprof = rs3.Fields("pproff").Value
Forms!frmNewReg!txtadd = rs3.Fields("padd").Value
Forms!frmNewReg!txtfone = rs3.Fields("pfone").Value
Forms!frmNewReg!txtfax = rs3.Fields("pfax").Value
End If
End If
End If
End Sub

Private Sub txtdate_AfterUpdate()
DoCmd.OpenForm "frmRes_Search"
End Sub

Private Sub txtrsCode_AfterUpdate()
Set db = CurrentDb()
s1 = "SELECT * FROM tblRes WHERE rscode= " & Me.txtrsCode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
MsgBox ("Reservation code not found please enter the proper reservation code or enter
the flight date or the reservation date for search!"), vbInformation + vbCritical,
Me.Caption
Me.txtadvance.SetFocus
Me.txtrsCode = ""
Me.txtrsCode.SetFocus
Else
If rs1.Fields("rscancel").Value = True Then
Me.txtrscancel = "Canceled"
ElseIf rs1.Fields("rsON").Value = True Then
Me.txtrscancel = "Reserved"
Else
Me.txtrscancel = "Sold"
End If
Me.txtrsdate = rs1.Fields("rsdate").Value
s2 = "SELECT * FROM tblTicket WHERE flcode = " & rs1.Fields("flcode").Value &
""
Set rs2 = db.OpenRecordset(s2)
If rs2.EOF And rs2.BOF Then
MsgBox "No record found in tickets", vbCritical, "Tickets"
Me.txtadvance.SetFocus
Me.txtrsCode = ""
Me.txtrsCode.SetFocus
Else
s3 = "SELECT * FROM tblPsg WHERE pcode= " & rs2.Fields("pcode").Value &
""
Set rs3 = db.OpenRecordset(s3)

```

```

Me.txtname = rs3.Fields("pname").Value
Me.txtsurname = rs3.Fields("psurname").Value
Me.txtnation = rs3.Fields("pnation").Value
Me.txtpass = rs3.Fields("ppasport").Value
Me.txtfone = rs3.Fields("pfone").Value
Me.txtfax = rs3.Fields("pfax").Value

Me.txtflight = rs2.Fields("flight_no").Value
Me.txtdate = rs2.Fields("fldate").Value
Me.txtFL_Name = rs2.Fields("airline").Value
Me.txttime = rs2.Fields("fltime").Value
Me.txtPNR = rs2.Fields("PNR").Value
Me.txtfrom = rs2.Fields("origin").Value
Me.txtto = rs2.Fields("dest").Value
Me.txtprice = rs2.Fields("price").Value
Me.txtdate = rs2.Fields("fldate").Value
Me.txttime = rs2.Fields("fltime").Value
End If
rs1.Close
s1 = "SELECT * FROM tblAcc WHERE pcode =" & rs2.Fields("pcode").Value & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
    MsgBox "No record found in accounts", vbCritical, "Account"
Else
    Me.txtadvance = rs1.Fields("debit").Value
End If
End If
End Sub

Private Sub txtrsdate_AfterUpdate()
DoCmd.OpenForm "frmRes_Search"
End Sub

```

## **Registration Sub Menu**

### **New Button**

```

Private Sub cmd_New_Click()
DoCmd.OpenForm "frmNewReg1"
End Sub

```

### **Edit Button**

```

Private Sub Command3_Click()
DoCmd.OpenForm "frmEditReg"
End Sub

```

## **New Registration Form**

**Option Compare Database**

Public db As DAO.Database

Public s1 As String, s2 As String, s3 As String

Public rs1 As DAO.Recordset, rs2 As DAO.Recordset, rs3 As DAO.Recordset

**Back Button**

Private Sub cmd\_Back\_Click()

DoCmd.Close acForm, "frmNewReg1"

End Sub

**Exmember Button**

Private Sub cmdExMember\_Click()

Set db = CurrentDb()

Set rs1 = db.OpenRecordset("tblTicket")

rs1.AddNew

rs1.Fields("flcode").Value = Me.txtflcode

rs1.Fields("flight\_no").Value = Me.txtflight

rs1.Fields("airline").Value = Me.txtFL\_Name

rs1.Fields("dest").Value = Me.txtto

rs2.Fields("fIOK").Value = True

rs1.Fields("PNR").Value = Me.txtPNR

rs1.Fields("origin").Value = Me.txtfrom

rs1.Fields("price").Value = Me.txtprice

rs1.Fields("pcode").Value = Me.txtpcode

rs1.Fields("fldate").Value = Me.txtdate

rs1.Fields("fltime").Value = Me.txttime

rs1.Update

Set rs2 = db.OpenRecordset("tblReg")

rs2.AddNew

rs2.Fields("rgcode").Value = Me.txtrgCode

rs2.Fields("flcode").Value = Me.txtflcode

rs2.Fields("pcode").Value = Me.txtpcode

rs2.Fields("rgdate").Value = Me.txtrgdate

rs2.Fields("rgON").Value = True

rs2.Update

Set rs3 = db.OpenRecordset("tblAcc")

rs3.AddNew

rs3.Fields("accode").Value = Me.txtacc

rs3.Fields("flcode").Value = Me.txtflcode

rs3.Fields("pcode").Value = Me.txtpcode

rs3.Fields("acdatead").Value = Me.txtrgdate

rs3.Fields("credit").Value = Me.txtprice

rs3.Fields("debit").Value = Me.txtadvance

```

rs3.Fields("balance").Value = Me.txtbalance
rs3.Update

MsgBox "Registration created successfully", vbInformation, Me.Caption
Call frmload(Me)
'Call new1(Me)
End Sub
Private Sub cmdSaveres_Click()
Set db = CurrentDb()
s1 = "SELECT * FROM tblReg WHERE rgcode=" & Me.txtregCode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
    rs1.AddNew
    rs1.Fields("rgcode").Value = Me.txtregCode
    rs1.Fields("rgdate").Value = Me.txtregdate
    rs1.Fields("flcode").Value = Me.txtflcode
    rs1.Fields("rgON").Value = True
    rs1.Update
    MsgBox "Registration made successfully", vbInformation, Me.Caption
Else
End If
End Sub

```

### **New Member Button**

```

Private Sub cmdNewMember_Click()
Set db = CurrentDb()
Set rs1 = db.OpenRecordset("tblPsg")
rs1.AddNew
rs1.Fields("pcode").Value = Me.txtpcode
rs1.Fields("pname").Value = Me.txtname
rs1.Fields("psurname").Value = Me.txtsurname
rs1.Fields("pnation").Value = Me.txtnation
rs1.Fields("ppasport").Value = Me.txtpass
rs1.Fields("pdob").Value = Me.txtdob
rs1.Fields("pproff").Value = Me.txtproff
rs1.Fields("padd").Value = Me.txtadd
rs1.Fields("pfone").Value = Me.txtfone
rs1.Fields("pfax").Value = Me.txtfax
rs1.Update
rs1.Close
Set rs1 = Nothing
Set rs1 = db.OpenRecordset("tblTicket")
rs1.AddNew
rs1.Fields("flcode").Value = Me.txtflcode
rs1.Fields("flight_no").Value = Me.txtflight
rs1.Fields("airline").Value = Me.txtFL_Name

```



```

rs1.Fields("dest").Value = Me.txtto
rs2.Fields("fLOK").Value = True
rs1.Fields("PNR").Value = Me.txtPNR
rs1.Fields("origin").Value = Me.txtfrom
rs1.Fields("price").Value = Me.txtprice
rs1.Fields("pcode").Value = Me.txtptcode
rs1.Fields("fldate").Value = Me.txtdate
rs1.Fields("fltime").Value = Me.txttime
rs1.Update

```

```

Set rs2 = db.OpenRecordset("tblReg")
rs2.AddNew
rs2.Fields("rgcode").Value = Me.txtrgCode
rs2.Fields("flcode").Value = Me.txtflcode
rs2.Fields("pcode").Value = Me.txtptcode
rs2.Fields("rgdate").Value = Me.txtrgdate
rs2.Fields("rgON").Value = True
rs2.Update

```

```

Set rs3 = db.OpenRecordset("tblAcc")
rs3.AddNew
rs3.Fields("accode").Value = Me.txtacc
rs3.Fields("flcode").Value = Me.txtflcode
rs3.Fields("pcode").Value = Me.txtptcode
rs3.Fields("acdatead").Value = Me.txtrgdate
rs3.Fields("credit").Value = Me.txtprice
rs3.Fields("debit").Value = Me.txtadvance
rs3.Fields("balance").Value = Me.txtbalance
rs3.Update

```

```

MsgBox "Registration created successfully", vbInformation, Me.Caption
Call frmload(Me)
'Call new1(Me)

```

End Sub

#### **Form Load Event**

```

Private Sub Form_Load()
Call frmload(Me)
End Sub

```

#### **Psg Code Event**

```

Private Sub txtptcode_AfterUpdate()
Set db = CurrentDb()
s1 = "SELECT * FROM tblPsg WHERE pcode=" & Me.txtptcode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then

```



```

MsgBox "Passenger code not found"
Call frmload(Me)
Call new1(Me)
Me.txtdob = Null: Me.txtadd = Null: Me.txtprof = Null
Else
    Me.txtname = rs1.Fields("pname").Value
    Me.txtsurname = rs1.Fields("psurname").Value
    Me.txtnation = rs1.Fields("pnation").Value
    Me.txtpass = rs1.Fields("ppasport").Value
    Me.txtdob = rs1.Fields("pdob").Value
    Me.txtprof = rs1.Fields("pproff").Value
    Me.txtadd = rs1.Fields("padd").Value
    Me.txtfone = rs1.Fields("pfone").Value
    Me.txtfax = rs1.Fields("pfax").Value
End If
End Sub

```

## **Edit Registration Form**

### **Option Compare Database**

```

Public db As DAO.Database
Public s1 As String, s2 As String, s3 As String
Public rs1 As DAO.Recordset, rs2 As DAO.Recordset, rs3 As DAO.Recordset

```

### **Back Button**

```

Private Sub cmd_Back_Click()
DoCmd.Close acForm, "frmEditReg"
End Sub

```

### **Cancel Button**

```

Private Sub cmdCancel_Click()
Set db = CurrentDb()
s1 = "SELECT * FROM tblReg WHERE rgcode=" & Me.txttrgCode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
    MsgBox "Record Not Found", vbInformation, Me.Caption
Else
    If rs1.Fields("rgcancel").Value = True Then
        MsgBox "Ticket has been returned before"
        Exit Sub
    End If
    If rs1.Fields("rgcancel").Value = False Then
        If MsgBox("Are you sure to cancel the ticket? ", vbInformation + vbYesNo,
Me.Caption) = vbYes Then
            rs1.Edit
            rs1.Fields("rgON").Value = False

```

```

rs1.Fields("rgcancel").Value = True
rs1.Update
s2 = "SELECT * FROM tblTicket WHERE flcode=" &
rs1.Fields("flcode").Value & ""
Set rs2 = db.OpenRecordset(s2)
s3 = "SELECT * FROM tblAcc WHERE pcode=" & rs2.Fields("pcode").Value &
" AND flcode=" & rs2.Fields("flcode").Value & ""
Set rs3 = db.OpenRecordset(s3)
If rs3.EOF And rs3.BOF Then
Else
rs3.Edit
rs3.Fields("credit").Value = 0
rs3.Fields("debit").Value = 0
rs3.Fields("balance").Value = 0
rs3.Update
End If
MsgBox "Ticket canceled", vbInformation, Me.Caption
Call new1(Me)
Me.txtptcode = Null: Me.txtdob = Null: Me.txtrgdate = Null: Me.txtadd = Null
Me.txtprof = Null: Me.txtrgCode = Null
Me.txtname.SetFocus: Me.txtrgCode.SetFocus

End If
End If
End If

End Sub

Private Sub cmdExMember_Click()
Set db = CurrentDb()
s1 = "SELECT * FROM tblReg WHERE rgcode=" & Me.txtrgCode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
MsgBox "No Record Found", vbCritical, Me.Caption
Me.txtadvance.SetFocus
Me.txtrgCode = ""
Me.txtrgCode.SetFocus
Else
rs1.Edit
rs1.Fields("rgdate").Value = Me.txtrgdate
rs1.Update
s2 = "SELECT * FROM tblTicket WHERE flcode=" & rs1.Fields("flcode").Value &
""
Set rs2 = db.OpenRecordset(s2)
If rs2.EOF And rs2.BOF Then
MsgBox ("Record Not Found"), vbInformation + vbCritical, Me.Caption

```

```
End If
End Sub
```

#### **New Button**

```
Private Sub cmdNew_Click()
Call new1(Me)
Me.txtpcode = Null: Me.txtdob = Null: Me.txtrgdate = Null: Me.txtadd = Null
Me.txtprof = Null: Me.txtrgCode = Null
Me.txtname.SetFocus: Me.txtrgCode.SetFocus
End Sub
```

#### **Date() after Update event**

```
Private Sub txtdate_AfterUpdate()
DoCmd.OpenForm "frmReg_Search"
End Sub
```

#### **Rgcode After Update Event**

```
Private Sub txtrgCode_AfterUpdate()
Set db = CurrentDb()
s1 = "SELECT * FROM tblReg WHERE rgcode= " & Me.txtrgCode & ""
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
MsgBox ("Registration code not found please enter the proper registration code or
enter the flight date or the registration date for search!"), vbInformation + vbCritical,
Me.Caption
Me.txtadvance.SetFocus
Me.txtrgCode = ""
Me.txtrgCode.SetFocus
Else
Me.txtrgdate = rs1.Fields("rgdate").Value
s2 = "SELECT * FROM tblTicket WHERE flcode= " & rs1.Fields("flcode").Value &
""
Set rs2 = db.OpenRecordset(s2)
If rs2.EOF And rs2.BOF Then
MsgBox "No Record Found", vbCritical, Me.Caption
Me.txtadvance.SetFocus
Me.txtrgCode = ""
Me.txtrgCode.SetFocus
Else
s3 = "SELECT * FROM tblPsg WHERE pcode= " & rs2.Fields("pcode").Value &
""
Set rs3 = db.OpenRecordset(s3)
Me.txtpcode = rs3.Fields("pcode").Value
Me.txtname = rs3.Fields("pname").Value
Me.txtsurname = rs3.Fields("psurname").Value
```

```

Me.txtnation = rs3.Fields("pnation").Value
Me.txtpass = rs3.Fields("ppasport").Value
Me.txtdob = rs3.Fields("pdob").Value
Me.txtprof = rs3.Fields("pproff").Value
Me.txtadd = rs3.Fields("padd").Value
Me.txtfone = rs3.Fields("pfone").Value
Me.txtfax = rs3.Fields("pfax").Value

```

```

Me.txtflight = rs2.Fields("flight_no").Value
Me.txtdate = rs2.Fields("fldate").Value
Me.txtFL_Name = rs2.Fields("airline").Value
Me.txttime = rs2.Fields("fltime").Value
Me.txtPNR = rs2.Fields("PNR").Value
Me.txtfrom = rs2.Fields("origin").Value
Me.txtto = rs2.Fields("dest").Value
Me.txtprice = rs2.Fields("price").Value
Me.txtdate = rs2.Fields("fldate").Value
Me.txttime = rs2.Fields("fltime").Value

```

```
End If
```

```
rs1.Close
```

```
s1 = "SELECT * FROM tblAcc WHERE pcode =" & rs2.Fields("pcode").Value & ""
```

```
Set rs1 = db.OpenRecordset(s1)
```

```
If rs1.EOF And rs1.BOF Then
```

```
MsgBox "No Record Found", vbCritical, Me.Caption
```

```
Else
```

```
Me.txtadvance = rs1.Fields("debit").Value
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub txttrgdate_AfterUpdate()
```

```
DoCmd.OpenForm "frmReg_Search"
```

```
End Sub
```

## Reports Sub Menu

### Passenger Report Form

```
Private Sub Command12_Click()
```

```
DoCmd.OpenForm "frmpsgrpts"
```

```
End Sub
```

### Reservation Report Form

```
Private Sub Command3_Click()
```

```
DoCmd.OpenForm "frmResRpts"
```

```
End Sub
```



## **Reservation Report Criteria**

```
Private Sub chkAll_Click()  
If chkAll = True Then  
    Me.txtflight.Locked = True  
    Me.txtflight.Enabled = False  
Else  
    Me.date1.SetFocus  
    Me.txtflight.Locked = False  
    Me.txtflight.Enabled = True  
    Me.txtflight.SetFocus  
End If  
End Sub
```

### **Back Button**

```
Private Sub cmdBack_Click()  
DoCmd.Close acForm, "frmResRpts"  
End Sub
```

### **Print Button**

```
Private Sub cmdPrint_Click()  
If Me.subRes.SourceObject = "frmsubreservations" Then  
    DoCmd.OpenReport "res", acViewPreview  
ElseIf Me.subRes.SourceObject = "frmsubreservationsAll" Then  
    DoCmd.OpenReport "resAll", acViewPreview  
ElseIf Me.subRes.SourceObject = "frmsubreservationscancelAll" Then  
    DoCmd.OpenReport "rescancelAll", acViewPreview  
Else  
    DoCmd.OpenReport "rescancel", acViewPreview  
End If  
End Sub
```

### **Date() After Update Event**

```
Private Sub date2_AfterUpdate()  
Call resrpt(Me)  
End Sub
```

### **Form Load Event**

```
Private Sub Form_Load()  
Me.txtflight = ""  
End Sub
```

```
Private Sub op1_GotFocus()  
Me.chkOp = True  
Call resrpt(Me)  
End Sub
```



```
Private Sub op2_GotFocus()  
Me.chkOp = False  
Call resrpt(Me):End Sub
```

## **Passenger Report Criteria Form**

### **Back Button**

```
Private Sub cmdBack_Click()  
DoCmd.Close acForm, "frmpsgrpts"  
End Sub
```

### **Print Button**

```
Private Sub cmdPrint_Click()  
DoCmd.OpenReport "psgrpt", acViewPreview  
End Sub
```

### **Name Event**

```
Private Sub txtname_AfterUpdate()  
Me.subrpt.Requery  
End Sub
```

### **Passport Event**

```
Private Sub txtpass_AfterUpdate()  
Me.subrpt.Requery  
End Sub
```

### **Surname Event**

```
Private Sub txtsurname_AfterUpdate()  
Me.subrpt.Requery  
End Sub
```

## **Accounts Form**

### **Option Compare Database**

```
Public db As DAO.Database  
Public rs1 As DAO.Recordset, rs2 As DAO.Recordset  
Public s1 As String, s2 As String
```

### **Back Button**

```
Private Sub cmdBack_Click()  
DoCmd.Close acForm, "frmAccounts"  
End Sub
```

### **Print Button**

```
Private Sub cmdPrint_Click()
```

```
DoCmd.OpenReport "profit", acViewPreview
End Sub
```

#### **Date() Event**

```
Private Sub date2_AfterUpdate()
Set db = CurrentDb()
Dim sum As Integer: sum = 0
s1 = "SELECT * FROM tblTicket WHERE (flight_no LIKE '" & Me.txtflight & "'" &
    "'') AND (f1OK=True) AND fldate between #" & Me.date1 & "# AND #" & Me.date2 &
    "#"
Set rs1 = db.OpenRecordset(s1)
If rs1.EOF And rs1.BOF Then
    MsgBox "No tickets sold during thsi period please choose any other range",
vbInformation, Me.Caption
    Me.txtflight.SetFocus
    Exit Sub
Else
Do While Not rs1.EOF
    sum = sum + rs1.Fields("price").Value
    rs1.MoveNext
Loop
Me.txtTotal = sum
End If
End Sub

Private Sub txtper_AfterUpdate()
Me.txtprofit = (Me.txtTotal * Me.txtper) / 100
End Sub
```

## 4.3 SCREEN OUTPUT

### THE MAIN MENU





By clicking over the “Edit / Update” button, we get this menu: and by clicking over ok we go directly to new Registration menu .

### Passenger Tracking System

#### Edit Reservation

##### Passenger Information

Res. Code	<input type="text" value="3"/>	Status	<input type="text" value="Reserved"/>
Res. Date	<input type="text" value="9/25/2004"/>		
Name	<input type="text" value="RABE"/>	Surname	<input type="text" value="FADEL"/>
Nationality	<input type="text" value="PALESTINE"/>	Passport No.	<input type="text" value="987564"/>
Phone No.	<input type="text" value="2354789"/>	Fax No.	<input type="text" value="2145846"/>

##### Ticket Information

Flight No.	<input type="text" value="TK"/>	Airline	<input type="text" value="654"/>
From	<input type="text" value="AMM"/>	To	<input type="text" value="IST"/>
Flight Date	<input type="text" value="6/15/2004"/>	Flight Time	<input type="text" value="18:55"/>
PNR	<input type="text" value="9887"/>		
Price	<input type="text" value="420"/>		
Advance Paid	<input type="text" value="300"/>		
Balance	<input type="text" value="120"/>		

By clicking over the flight date, we can get information about the customers, and by using the reservation code we can also get the same information for the customer.

### Passenger Tracking System

#### Edit Reservation

##### Passenger Information

Res. Code	<input type="text"/>
Res. Date	<input type="text"/>
Name	<input type="text"/>
Nationality	<input type="text"/>
Phone No.	<input type="text"/>

##### Search by Date

Res.Code	Res. Date	Name	Surname	Nationality	Passport
3	9/2/2004	MOHAMAD	RABE	PALEST	123654

##### Ticket Information

Flight Date	<input type="text" value="6/15/2004"/>	Flight Time	<input type="text"/>
PNR	<input type="text"/>		
Price	<input type="text" value="0"/>		
Advance Paid	<input type="text" value="0"/>		
Balance	<input type="text" value="0"/>		

## REGISTRATION



By the same way, clicking the “New” and the “Edit / Update” buttons, we get the menus below respectively:

**Passenger Tracking System**

**New Registration**

Passenger Information		Flight Details	
Reg. Code	8	Psg. Code	9
Name	SAMER	Surname	HATAB
Nationality	PALESTINIAN	Passport No.	88825
D.O.B	3/15/1980		
Address	LEFKOSA		
Phone No.	3216	Fax No.	654654
Profession	STUDENT		

Flight Information			
Flight no	YK125	Airline	KENJ
From	AMM	To	IST
Flight Date	2/15/2005	Flight Time	13:30
PNR	321		
Price	250		
Advance Paid	220		
Balance	30		



## Passenger Tracking System

### Edit Registration

#### Passenger Information

Reg. Code	3	Status	SOLD
Name	YABE	Psg. Code	4
Nationality	PALESTINE	Surname	FADEL
D.O.B	5/16/1980	Passport No.	987564
Address	LEFOSA		
Phone No.	2354789	Fax No.	2145846
Profession	STUDENT		

Reg. Date: 9/25/2004

#### Ticket Information

Flight no	TK021	Airline	65654
From	LED	To	TLV
Flight Date	5/8/2004	Flight Time	2:20
PNR	321		
Price	531		
Paid	300		
Balance	231		

Back
New
Save Changes
Cancel

To know information about the customer, we click over the "Flight Date" therefore the following pop-up menu will be displayed. By using the registration code number, all the required information will be displayed.

## Passenger Tracking System

### Edit Registration

#### Passenger Information

Reg. Code	
Name	
Nationality	
D.O.B	
Address	
Phone No.	
Profession	

Search by Date

Reg. Code	Reg. Date	Name	Surname	Nationality	Passport
3	9/25/2004	YABE	FADEL	PALESTINE	987564

Back

Double click on the required Registration code number

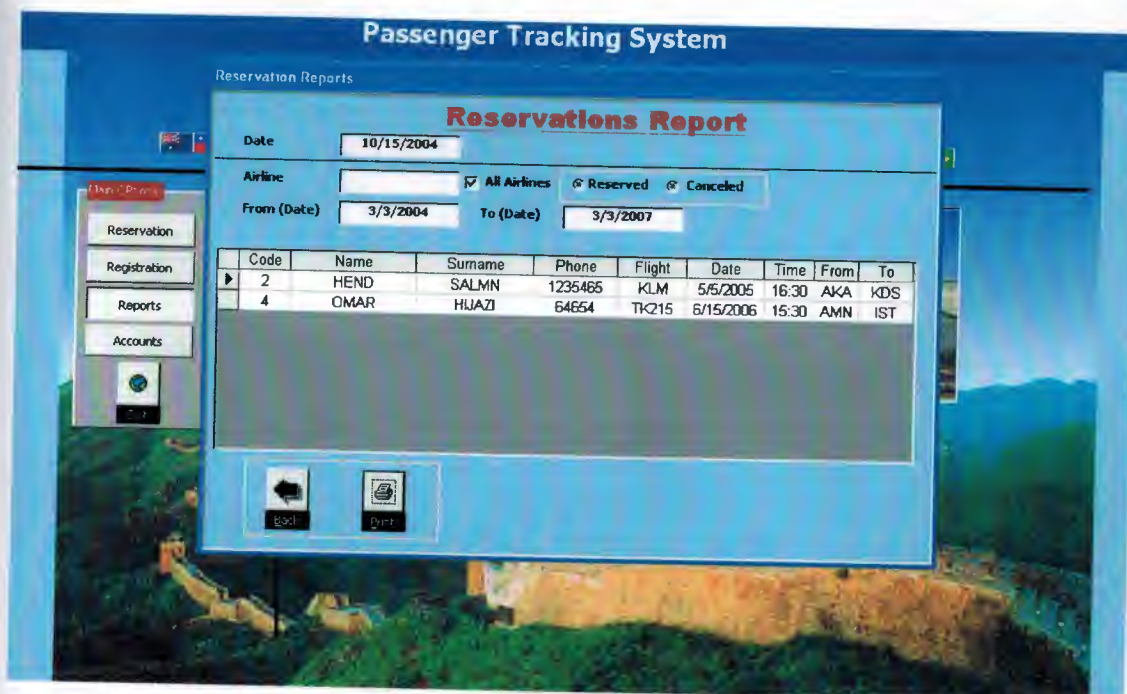
Flight no		Airline	
From		To	
Flight Date	5/8/2004	Flight Time	
PNR			
Price	0		
Paid	0		
Balance	0		

Back
New
Save Changes
Cancel

## REPORTS



The following menu displays the information about the reservation:





Here by clicking over print button at previous page this informations is appearing for customers which is ready for printing :-

## Passenger Tracking Syste

Thursday, September 30, 2004

Airline 532

Res Code	Name	Surname	Phone	Flight	Date	Time	PNR	From	To
1	ALLAM	HILJAWI	2358465	TK	3/15/2004	15:30	654	AMN	IST
2	SAMER	HATAB	3216	TK564	3/16/2004	15:30	654	AMN	IST
3	RABE	FADEL	2354789	TK	6/15/2004	18:55	9887	AMN	IST
4	HELAL	ALI	+65654	TK321	5/18/2005	15:45	654	AMN	IST

Information of the passenger would be outputted like:

The screenshot shows a web application titled "Passenger Tracking System". On the left is a sidebar menu with options: "Main CP Home", "Reservation", "Registration", "Reports", and "Accounts". The "Reports" option is selected. The main content area is titled "Passenger Reports" and contains a "Passenger Report" form. The form has input fields for "Date" (10/15/2004), "Name" (OMAR), "Surname", and "Pappport". Below these is a table with columns: Code, Name, Surname, Nationality, Passport, Phone, and Fax. The table contains one row with the following data: Code 6, Name OMAR, Surname HIAZI, Nationality PALESTEN, Passport 6545, Phone 64654, and Fax 654654. At the bottom of the form are two buttons: "Go" and "Print".

And by clicking over print button this information which below is appearing :-

## Passenger Tracking Syste

Thursday, September 30, 2004

### Passenger Information

Psg. Code	4
Name	RABE
Surname	FADEL
Nationality	PALESTINE
Passport No.	987564
Phone	2354789
Fax	2145846
Psg. Code	5
Name	RABE
Surname	FADEL
Nationality	PALESTINE
Passport No.	987564
Phone	2354789
Fax	2145846

To : 654 Profit Report with detail tickets Informan

Thursday, September 30, 2004

By clicking over the button "Accounts", the above pop-up menu is appearing. And by adding the airlines code, and date of selling the ticket, we can find the total sold of the tickets at this airlines. Then, we have to add the percentage, which is commonly known between the travel agency and the airlines. After that, we can get the information about the amount of money, which has to be sent to the airlines' company account. And finally, we evaluate the profit that yields from selling these tickets. Clicking the "Print" button, this information is displayed. For example, it would be like the table below:

The screenshot shows the 'Accounts' window of the Passenger Tracking System. The window has a title bar with the text 'Accounts'. Inside, there is a table with the following data:

Date	Airline Code	From (Date)	Total Sold	Percentage	Amount to send	Profit
10/15/2004	TK	3/3/2004	850	12	748	102

Below the table, there are two buttons: 'Print' and 'Exit'. To the right of the table, there is a sidebar with four buttons: 'Accounts', 'Reports', 'Reservation', and 'Refund'. The 'Accounts' button is highlighted. At the bottom of the window, there is a status bar with the text 'Passenger Tracking System'.



## 5. REFERENCES

---

### Books

- Murtata , Iaad , “ Access with visual basic “ , alwafer2002 edition II

### Web sites

- [www.kdtool.net](http://www.kdtool.net)