

NEAR EAST UNIVERSITY



**FACULTY OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING**

COM 400

GRADUATION PROJECT

“ HOTEL RESERVATION ”

USING VISUAL- BASIC 6.0

STUDENT: UĞUR ÇİĞDEM

NO : 980317

SUPERVISOR: Ms. BESİME ERİN

LEFKOŞA JUNE- 2002

TABLE OF CONTENTS



TABLE OF CONTENTS.....	1
ACKNOWLEDGEMENT	2
ABSTRACT.....	3
1. INTRODUCTION	4
2. MAIN MENU	6
3. CUSTOMER INFORMATION.....	12
4. ROOM INFORMATION.....	23
5. PERSONNEL INFORMATION	29
6. HOTEL INFORMATION	31
6.1 STAYS OF CUSTOMERS AT HOTEL.....	34
7. BALANCES	37
8. REPORTS.....	42
8.1 CUSTOMER REPORTS	43
8.2 CASH REPORT	47
10. REFERENCES	52

ACKNOWLEDGEMENT

Firstly I would like to thank my dear parents who helped me until this moment.

Secondly I would like to special thanks to my advisor Mr. Tayseer Al-shanabeleh for his advises and helping.

Thirdly I would like to thanks to all my instructor and all my friends.

Expecially I want to thanks to my supervisor who is Ms.Besime Erin for her infinite helpness while I was prepearing this project and her kinds.

ABSTRACT

As the information age has effected every aspect of our life, the need for computerizing many information systems has raised.

Once of the important branches that are effected by information revolution is the computer programming languages.

This project is concerned about using computer program in hotel management system . It is written using Visual Basic 6.0 programming language and used Microsoft Access Database language for databases. Visual Basic is one of the best and easy programming languages.

This project is accomlete hotel management program, that covers all services needed in most hotels, such as computer related information, rooms, personnels, goods and many other hotel management related services.

Before coming to this point, this project has gone through some important steps;

- First one was the requirements definition for which I had to go to some hotels and study their systems.
- The second steps were designing the system and software that is intended to serve an integrated hotel management system.
- The final steps was the implementation of the design on the computer using Visual Basic Language.

1. INTRODUCTION

Visual Basic is a Microsoft Windows programming Language. Visual Basic programs are created in an Integrated Development Environment (IDE) . The IDE allows the programmer to create , run and debug Visual Basic programs conveniently. IDEs allow a programmer to create working programs in a fraction of the time that it would normally take to code programs without using IDEs. The process of rapidly creating an application is typically referred to as Rapid Application Development(RAD). Visual Basic is the world's most widely used RAD language.

Visual Basic is derived from the BASIC programming language. Visual Basic is a distinctly different language providing powerful features such as graphical user interfaces, even handling, access to the Win32 API, object-oriented features, error handling, structured programming, and much more.

The Visual Basic IDE allows Windows programs to be created without the need for the programmer to be a Windows programming expert.

Microsoft provides several version of Visual Basic, namely the Learning Edition , the Professional Edition and the Enterprise Edition. The Learning Edition provides fundamental programming capabilities than the Learning Edition and is the choice of many programmers to write Visual Basic applications. The Enterprise Edition is used for developing large-scale computing systems that meet the needs of substantial organizations.

Visual Basic is an interpreted language. However , the professional and Enterprise Edition allows Visual Basic code to be compiled to native code.

Visual Basic evolved from BASIC(Beginner's All purpose Symbolic Instruction Code). Basic was developed in the mid 1960's by Professors John Kemeny and Thomas Kurtz of Dartmouth College as a language for writing simple programs. BASIC's primary purpose was to help people learn how to program.

The widespread use of BASIC with various types of computers (sometimes called hardware platforms) led to many enhancements to the language. With the development of the Microsoft windows graphical user interface (GUI) in the late 1980s and the early 1990s, the natural evolution of BASIC was Visual Basic, which was created by Microsoft Corporation in 1991.

Until Visual Basic appeared, developing Microsoft Windows-based applications was a difficult and cumbersome process. Visual Basic greatly simplifies Windows application development. Since 1991 six versions have been released, with the latest-Visual Basic 6-appearing in september 1998.

After a brief explanation about the Visual Basic 6.0 and the developing layers, I hope that you will find the necessary information that you need all about the Visual Basic even if you are a text based programmer.

2. MAIN MENU

This is the main menu of the program. There is also some sub menus on the top of the main menu. From the main menu we can go sub programs by using this sub menus. There are also some buttons. They are used to go to the sub programs. They are providing facilities for users of the program. We can see all sub programs on the main menu.

Reservation button is used to go reservation part of the program. In the part we enter customer reservation information.

Room information button is used to go to room part. Here we make room reservation for customer .

Hotel information button is used to show information such as number of room and floor of hotel about the hotel.

Personnel information button is used to keep information about the hotel personnel.

The form and codes of the main menu is following down.



Private Sub Command1_Click()

ReservationRecord.Show 1

End Sub

Private Sub Command2_Click()

odaşifresi.Show 1

End Sub

Private Sub Command3_Click()

PersonnelRecord.Show 1

End Sub

Private Sub Command4_Click()

CustomersThatStaysAtHotel.Show 1

End Sub

Private Sub Command5_Click()

Unload Me

End Sub

Private Sub Command6_Click()

End

End Sub

Private Sub Command7_Click()

HotelInformation.Show 1

End Sub

Private Sub Command8_Click()

frmHotelInformation.Show 1

End Sub

Private Sub m123_Click()

CustomerSearch.Show 1

End Sub


```
Private Sub n2_Click()  
CustomersThatStaysAtHotel.Show 1  
End Sub
```

```
Private Sub n21_Click()  
Stays_At_Hotel.Show 1  
End Sub
```

```
Private Sub n22_Click()  
CustomersThatStaysAtHotel.Show 1  
End Sub
```

```
Private Sub n24_Click()  
RecordOfRoom.Show 1  
End Sub
```

```
Private Sub n25_Click()  
SearchRoom.Show 1  
End Sub
```

```
Private Sub n28_Click()  
Show  
Print "paperbin"; Printer.PaperBin  
Print "colormode"; Printer.ColorMode  
Print "copies"; Printer.Copies  
End Sub
```

```
Private Sub n3_Click()  
Unload Me  
End Sub  
Private Sub n38_Click()  
HotelInformation.Show 1  
End Sub
```

```
Private Sub n39_Click()  
SelectionHotel.Show 1  
End Sub
```

```
Private Sub n4_Click()  
ReservationRecord.Show 1  
End Sub
```

```
Private Sub n42_Click()  
PersonnelPassword.Show 1  
End Sub
```

```
Private Sub n43_Click()  
PersonnelControl.Show Me  
End Sub
```

```
Private Sub n46_Click()  
Dim x  
x = Shell("notepad", 2)  
End Sub
```

```
Private Sub n47_Click()  
Dim x  
x = Shell("calc.exe", 2)  
End Sub
```

```
Private Sub n5_Click()  
PersonnelProcess.Show 1  
End Sub
```

```
Private Sub n6_Click()  
GeneralCustomerProcess.Show 1  
End Sub
```

```
Private Sub n8_Click()  
CustomerProcessReport.Show 1  
End Sub
```

```
Private Sub n9_Click()  
PersonnelProcessReport.Show 1  
End Sub
```

```
Private Sub r2_Click()  
ReservationRecord.Show 1  
End Sub
```

3. CUSTOMER INFORMATION

This is the customer reservation form of the program. We can enter new customer information or delete customer information by using this form. On the Customer Information form there are five section. First section is used for enter the general customer information such as customer name, customer surname, and customer code etc. On the second section there are detail information part about the customers which are stays at hotel. In the section we enter detail information about the customers such as customer job, email address, and customer firm name so on . On the third section there are population information about the customers such as customer marital status, religion, blood type, country etc . On the fourth section there are reservation information about the customers such as room no, room type room cost, and customer no etc. Here we can make room reservation for customers. On the final section there are payment information about the customers such as customer account receivable, account payable, balance, and due date etc. In the section we accept customer payment and record payment information.

The form and codes of the customer reservation form are following.

Cus_Card		Cus_List		Close	
General Identity Information			Detail Information		Population Information
Cust. Code	1	Special_Code	558	Sex	male
Cust. Name	mehmet	City I	tokat	Identity_type	passport
Cust. Surname	kaya	City II	niksar	Identity_no	472
Father Name	galip	Village	yunlu	Date_of_take	04/09/199
Place_of_birth	niksar	Take_of_city	niksar		
Date_of_birth	01/06/1995	Home_phone	6255555		
First Record		Previous Record		Next Record	
Last Record		New Record		Save	
Delete Record		Cancel			
Reservation			Payment Information		
Cust_code	1	OperationType	cheque	Due Date	01/07/1998
Expense_List	Drinks	Remainder	552000	Explanation	nothing
Document_No	66	AccReceivable	3000000	Update	
Date	02/05/2001	AccPayable	30000000		
Move First	Move previous	Move Next	Move Last	New Record	Delete Record
cancel	Exit				
SumOfCredit	SumOfDebt	Balance			

```
Private Sub Command1_Click()  
GenInf.Show 1  
End Sub
```

```
Private Sub Command2_Click()  
CustomerList.Show 1  
End Sub
```

```
Private Sub Command22_Click()  
OdaArama.Show 1  
End Sub
```

```
Private Sub Command3_Click()  
Unload Me  
End Sub
```

```
Private Sub Command4_Click()  
If Command52.Value = False Then  
MsgBox (" it is not possible")  
Else  
Data1.Recordset.Update  
Data2.Recordset.Update  
Data3.Recordset.Update  
Data4.Recordset.Update  
Data5.Recordset.Update  
Data6.Recordset.Update  
End If  
End Sub
```

```
Private Sub Command40_Click()  
Data6.Recordset.MoveFirst  
End Sub
```

```
Private Sub Command41_Click()  
Data6.Recordset.MovePrevious  
End Sub
```

```
Private Sub Command42_Click()  
Data6.Recordset.MoveNext  
End Sub
```

```
Private Sub Command43_Click()  
Data6.Recordset.MoveLast  
End Sub
```

```
Private Sub Command44_Click()  
Text42.Text = Val(Text43.Text) - Val(Text44.Text)  
Data6.Recordset.AddNew  
End Sub
```

```
Private Sub Command45_Click()  
Data6.Recordset.Delete  
End Sub
```

```
Private Sub Command46_Click()  
Data6.Recordset.Cancel  
End Sub
```

```
Private Sub Command47_Click()  
Unload Me  
End Sub
```

```
Private Sub Command48_Click()  
With Data1.Recordset  
If .BOF = True Or Data2.Recordset.BOF = True Or Data3.Recordset.BOF = True  
Or Data4.Recordset.BOF = True Or Data5.Recordset.BOF = True Or  
Data6.Recordset.BOF = True Then  
MsgBox ("you are at first record")  
Else  
Data1.Recordset.MoveFirst
```

```
Data2.Recordset.MoveFirst
Data3.Recordset.MoveFirst
Data4.Recordset.MoveFirst
Data5.Recordset.MoveFirst
Data6.Recordset.MoveFirst
End If
End With
End Sub
```

```
Private Sub Command49_Click()
With Data1.Recordset
If .BOF = True Or Data2.Recordset.BOF = True Or Data3.Recordset.BOF = True
Or Data4.Recordset.BOF = True Or Data5.Recordset.BOF = True Or
Data6.Recordset.BOF = True Then
MsgBox ("you are at first record")
Else
Data1.Recordset.MovePrevious
Data2.Recordset.MovePrevious
Data3.Recordset.MovePrevious
Data4.Recordset.MovePrevious
Data5.Recordset.MovePrevious
Data6.Recordset.MovePrevious

End If
End With
End Sub
```

```
Private Sub Command5_Click()
Data6.Recordset.Update
Text42.Text = Val(Text43.Text) - Val(Text44.Text)
End Sub
```

```
Private Sub Command50_Click()
```



```

If (Data1.Recordset.EOF) Or (Data2.Recordset.EOF) Or (Data3.Recordset.EOF)
Or (Data4.Recordset.EOF) Or (Data5.Recordset.EOF) Or (Data6.Recordset.EOF)
Then
MsgBox ("You are at last record.")
Data1.Refresh
Data6.Refresh
Else
Data1.Recordset.MoveNext
Data2.Recordset.MoveNext
Data3.Recordset.MoveNext
Data4.Recordset.MoveNext
Data5.Recordset.MoveNext
Data6.Recordset.MoveNext
End If
End Sub

Private Sub Command51_Click()
If (Data1.Recordset.EOF) Or (Data2.Recordset.EOF) Or (Data3.Recordset.EOF)
Or (Data4.Recordset.EOF) Or (Data5.Recordset.EOF) Or (Data6.Recordset.EOF)
Then
MsgBox ("You are at last record.")
Data1.Refresh
Data6.Refresh
Else
Data1.Recordset.MoveLast
Data2.Recordset.MoveLast
Data3.Recordset.MoveLast
Data4.Recordset.MoveLast
Data5.Recordset.MoveLast
Data6.Recordset.MoveLast

End If
End Sub

Private Sub Command52_Click()
Data1.Recordset.AddNew

```

```
Data2.Recordset.AddNew
Data3.Recordset.AddNew
Data4.Recordset.AddNew
Data5.Recordset.AddNew
Data6.Recordset.AddNew
End Sub
```

```
Private Sub Command53_Click()
If Data1.Recordset.Fields("adi") = Text1.Text = "" Then
Data1.Recordset.Delete
Data2.Recordset.Delete
Data3.Recordset.Delete
Data4.Recordset.Delete
Data5.Recordset.Delete
Data6.Recordset.Delete
Else
MsgBox ("Enter name which you want to delete that record ")
Text1.SetFocus
End If
End Sub
```

```
Private Sub Command54_Click()
Data1.Recordset.MoveFirst
Data2.Recordset.MoveFirst
Data3.Recordset.MoveFirst
End Sub
```

```
Private Sub Command6_Click()
If Data1.Recordset.EOF Then
MsgBox ("You are at last record.")
Adodc1.Refresh
Else
Data1.Recordset.MoveNext
If Text1 = "" Then
```

```
Command13.Enabled = True
Else
Command13.Enabled = False
End If
End Sub
```

```
Private Sub Command7_Click()
Adodc1.Recordset.MoveLast
If Text12 = "" Then
Command13.Enabled = True
Else
Command13.Enabled = False
End If
End Sub
```

```
Private Sub Command8_Click()
Data1.Recordset.AddNew
Data2.Recordset.AddNew
Data3.Recordset.AddNew
End Sub
```

```
Private Sub Command9_Click()
If Text12 = "" Then
MsgBox ("Select delete record.")
Else
Adodc1.Recordset.Delete
Command9.Enabled = False
End If
End Sub
```

```
Private Sub Form_Load()
Text42.Text = Val(Text43.Text) - Val(Text44.Text)
Text42.Refresh
MaskedTextBox1.Text = Time$()
```

```

MaskedTextBox2.Text = Time$()
Combo1.AddItem "male"
Combo1.AddItem "female"
Combo2.AddItem "Identity card"
Combo2.AddItem "driving licence"
Combo2.AddItem "passport"
Combo2.AddItem "Student Identity Card"
Combo2.AddItem "Marriage Card"
Combo4.AddItem "single"
Combo4.AddItem "marriage"
Combo5.AddItem "O Rh+"
Combo5.AddItem "O Rh-"
Combo5.AddItem "A Rh+"
Combo5.AddItem "A Rh-"
Combo5.AddItem "B Rh+"
Combo5.AddItem "B Rh-"
Combo5.AddItem "AB Rh+"
Combo5.AddItem "AB Rh-"
Combo6.AddItem "because of first get"
Combo6.AddItem "because of lost"
Combo6.AddItem "to renew"
Combo8.AddItem "General expences"
Combo8.AddItem "Drinks"
Combo8.AddItem "Food"
Combo8.AddItem "Room Cost"
Combo8.AddItem "electricity"
Combo8.AddItem "telephone"
Combo9.AddItem "bill"
Combo9.AddItem "Cash"
Combo9.AddItem "cheque"
Combo9.AddItem "receipt"
Combo9.AddItem "Credit Card"
Label66 = Val(Label62.Caption) - Val(Label64.Caption)
End Sub

```



```
Private Sub Form_Unload(Cancel As Integer)
Dim i
i = 0
While Data6.Recordset.EOF = False
i = i + Data6.Recordset.Fields("accreceivable")
Data6.Recordset.MoveNext
Wend
Label62 = i
End Sub
```

```
Private Sub Label22_Click()
Label22.Caption = Time
End Sub
```

```
Private Sub Label62_Click()
```

```
Dim i
```

```
i = 0
```

```
While Data6.Recordset.EOF = False
```

```
i = i + Data6.Recordset.Fields("accreceivable")
```

```
Data6.Recordset.MoveNext
```

```
Wend
```

```
Label62 = i
```

```
End Sub
```

```
Private Sub Label64_Click()
```

```
Dim i
```

```
i = 0
```

```
While Data6.Recordset.EOF = False
```

```
i = i + Data6.Recordset.Fields("accpayable")
```

```
Data6.Recordset.MoveNext
```

```
Wend
```

```
Label64 = i
```

```
End Sub
```

```
Private Sub Label67_Click()
```

```
If Val(Label66.Caption) > 0 Then
```

```
Label67.Caption = "receivable"
```

```
Else
```

```
Label67.Caption = "payable"
```

```
End If
```

```
End Sub
```

```
Private Sub Text43_Change()
```

```
Text42.Text = Val(Text43.Text) - Val(Text44.Text)
```

```
End Sub
```

```
Private Sub Text44_Change()
```

```
Text42.Text = Val(Text43.Text) - Val(Text44.Text)
```

```
End Sub
```

4. ROOM INFORMATION

This is the room information form of the program. We can enter new room and we can make room reservation by using this form. There are five section on this form we make room process on form. On the first part there are general information about the rooms such as room no, room cost, weight, floor no, and telephone no etc. on the second part there are clear situation information about the room such as the room is clear or dirty or repair etc. on the third section there are room reservation information such as room no, date of reservation, date of customer leaved etc. on the forth part there are only note section which we can enter special note about the customers. The final section there are use situation information about the room such as room is full or empty.

The form and codes of the customer reservation part are following.

Form3

Room Record

Card No: 1 Record Date: 12/10/1988

General Inform. | CleannessSituation | RoomReservation | Use situation | Note

Room No: 20 Telephone No: 1245325252

Weight: 20 Metersquare Floor No: 2

Cost: 14500000 TL: [dropdown]

Side: East

No_of_Bedroom: Single Person: 2 Double Person: 5

General Information of Room:

<input checked="" type="checkbox"/> Music Set	<input type="checkbox"/> Tele-On	<input checked="" type="checkbox"/> Balcon
<input type="checkbox"/> Refrigerator	<input checked="" type="checkbox"/> Cine5	<input checked="" type="checkbox"/> Shower
<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Tv	<input checked="" type="checkbox"/> Klozet
<input type="checkbox"/> Cable Tv	<input type="checkbox"/> Air Conditioner	<input checked="" type="checkbox"/> Minibar

Navigation: [Previous] [Data1] [Next]

Buttons: FirstRecord PreviousdRecord NextRecord LastRecord NewRecord Delete Cancel Save


```
Command1_Click()  
Recordset  
True Or Data2.Recordset.BOF = True Or Data3.Recordset.BOF =  
Data4.Recordset.BOF = True Then  
You are at first record")
```

```
Recordset.MovePrevious  
Recordset.MovePrevious  
Recordset.MovePrevious  
Recordset.MovePrevious
```

```
Sub Command11_Click()  
Data1.Recordset.EOF) Or (Data2.Recordset.EOF) Or  
Recordset.EOF) Or (Data4.Recordset.EOF) Then  
MsgBox ("You are at last record.")  
Data1.Refresh
```

```
Data1.Recordset.MoveNext  
Data2.Recordset.MoveNext  
Data3.Recordset.MoveNext  
Data4.Recordset.MoveNext
```

```
f  
ub
```

```
Sub Command12_Click()  
If (Data1.Recordset.EOF) Or (Data2.Recordset.EOF) Or  
Data3.Recordset.EOF) Or (Data4.Recordset.EOF) Then  
MsgBox ("You are at last record.")  
Data1.Refresh
```

```
Data1.Recordset.MoveLast
```



```
Data2.Recordset.MoveLast  
Data3.Recordset.MoveLast  
Data4.Recordset.MoveLast
```

```
Sub Command13_Click()  
Data1.Recordset.AddNew  
Data2.Recordset.AddNew  
Data3.Recordset.AddNew  
Data4.Recordset.AddNew
```

```
Sub Command14_Click()  
MsgBox ("Önce silinecek kaydı seçiniz.")
```

```
Data1.Recordset.Delete  
Data2.Recordset.Delete  
Data3.Recordset.Delete  
Data4.Recordset.Delete
```

```
Sub Command15_Click()  
Data1.Recordset.MoveFirst  
Data2.Recordset.MoveFirst  
Data3.Recordset.MoveFirst  
Data4.Recordset.MoveFirst
```

```
Sub Command16_Click()
```

```
Load Me
```

```
End Sub
```

```
Private Sub Command17_Click()
```

```
    Data1.Recordset.Update
```

```
    Data2.Recordset.Update
```

```
    Data3.Recordset.Update
```

```
    Data4.Recordset.Update
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
    Combo1.AddItem "TL"
```

```
    Combo1.AddItem "$"
```

```
    Combo1.AddItem "MARK"
```

```
    Combo1.AddItem "uro"
```

```
    Combo2.AddItem "1"
```

```
    Combo2.AddItem "2"
```

```
    Combo3.AddItem "1"
```

```
    Combo3.AddItem "2"
```

```
    Combo4.AddItem "1"
```

```
    Combo4.AddItem "2"
```

```
    Combo4.AddItem "3"
```

```
    Combo5.AddItem "South"
```

```
    Combo5.AddItem "North"
```

```
    Combo5.AddItem "East"
```

```
    Combo5.AddItem "West"
```

```
    Combo5.AddItem "WithBalcon"
```

```
    Combo5.AddItem "SideOfCity"
```

```
    Combo6.AddItem "1"
```

```
    Combo6.AddItem "2"
```

```
End Sub
```

```
Private Sub Ilkkayıt_Click()
```

```
With Data1.Recordset
```

```
    If .BOF = True Or Data2.Recordset.BOF = True Or Data3.Recordset.BOF =  
True Or Data4.Recordset.BOF = True Then
```

```
        MsgBox ("you are at first record")
```

```
Else
```

```
Data1.Recordset.MoveFirst
Data2.Recordset.MoveFirst
Data3.Recordset.MoveFirst
Data4.Recordset.MoveFirst
```

```
End If
End With
End Sub
```

```
Private Sub Option1_Click()
    If Option1.Value = True Then
        Data2.Recordset.AddNew
        Data2.Recordset.Fields("clearly") = "clear"
    End If
End Sub
```

```
Private Sub Command10_Click()
    Unload Me
End Sub
```

```
Private Sub Command11_Click()
    Data1.Recordset.Update
End Sub
```

```
Private Sub Command2_Click()
    Data1.Recordset.MoveFirst
End Sub
```

```
Private Sub Command3_Click()
    If Data1.Recordset.BOF Then
        MsgBox ("First Record")
        Data1.Refresh
    Else
        Data1.Recordset.MovePrevious
    End If
End Sub
```

Sub Command4_Click()

Recordset.EOF Then

("Last Record")

Refresh

Recordset.MoveNext

Sub Command5_Click()

Recordset.MoveLast

Sub

Sub Command6_Click()

Recordset.AddNew

Sub

5. PERSONNEL INFORMATION

This is the personnel information form of the program. We can enter new personnel or remove personnel by using this form.

The codes of the personnel information form are following.

The screenshot shows a software window titled "Personnel Information". The window contains several input fields and buttons. On the left, there are fields for "s_Name" (Uğur), "s_Surname" (Çiğdem), "her Name" (Duran), "ace_of_Birth" (Reşadiye), "te_of_Birth" (05/08/1978), "alification_Nc" (5555), "elephone_No" (03564877879), "ate_Of_Begin" (09/09/1991), and "ate_Of_End" (11/11/2001). Below these is a "System Information" section with "User Name" (Ali Palas) and "Password" (13568). To the right of the input fields is a "Find Personnel" button and an "Address" field (Reşadiye/ Tokat). Below the address field is an "Explanation" field (Nothing). At the bottom of the window, there is a row of buttons: "First Record", "Previous Record", "Next Record", "Last Record", "New Record", "Delete Record", "Cancel", "Help", and "Close". Below these buttons is a "Data1" field with navigation arrows and an "Update" button.

Field	Value
s_Name	Uğur
s_Surname	Çiğdem
her Name	Duran
ace_of_Birth	Reşadiye
te_of_Birth	05/08/1978
alification_Nc	5555
elephone_No	03564877879
ate_Of_Begin	09/09/1991
ate_Of_End	11/11/2001
User Name	Ali Palas
Password	13568
Address	Reşadiye/ Tokat
Explanation	Nothing

Command10_Click()

Sub Command11_Click()

Recordset.Update

Sub Command2_Click()

Recordset.MoveFirst

Sub Command3_Click()

Recordset.BOF Then

MsgBox ("İlk kayıttasınız.")

Refresh

Recordset.MovePrevious

Sub

Sub Command4_Click()

Recordset.EOF Then

MsgBox ("En son kayıttasınız.")

Refresh

Recordset.MoveNext

End If

Sub

Sub Command5_Click()

Recordset.MoveLast

Sub

Sub Command6_Click()

Recordset.AddNew

End Sub

6. HOTEL INFORMATION

This is the hotel information form of the program. We can enter find information about the hotel by using this form.

The form and codes of the hotel information part are following:

Form1

HOTEL INFORMATION

printer

Hotel Code: 2

Hotel Name: gap

City Center I:

City Center II:

Hotel Manager: uğur çiğdem

Telephone: 3564764332

Fax: 3564788986

Email: ugur@yahoo.com

web: ugur

No_Of_Floor: 5

No_of_room: 15

photograph

Address: reşadiye

First Record Previous Record **Next Record** Last Record New Record Delete Record Cancel Help Close

Update

```
Private Sub Command10_Click()  
Data1.Recordset.Update  
End Sub
```

```
Private Sub Command1_Click()  
Data1.Recordset.MoveFirst  
Text1.SetFocus  
End Sub
```

```
Private Sub Command11_Click()  
HotelReport.Show 1  
End Sub
```

```
Private Sub Command2_Click()  
If Data1.Recordset.BOF Then  
MsgBox ("İlk kayıttasınız.")  
Data1.Refresh  
Else  
Data1.Recordset.MovePrevious  
End If  
End Sub
```

```
Private Sub Command3_Click()  
If Data1.Recordset.EOF Then  
MsgBox ("En son kayıttasınız.")  
Data1.Refresh  
Else  
Data1.Recordset.MoveNext  
End If  
End Sub
```

```
Private Sub Command4_Click()  
Data1.Recordset.MoveLast  
End Sub
```



```
Private Sub Command5_Click()
```

```
Data1.Recordset.AddNew
```

```
End Sub
```

```
Private Sub Command6_Click()
```

```
If Text1 = "" Then
```

```
MsgBox ("Önce silinecek kaydı seçiniz.")
```

```
Else
```

```
Data1.Recordset.Delete
```

```
End If
```

```
End Sub
```

```
Private Sub Command9_Click()
```

```
Unload Me
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
Combo1.AddItem "1"
```

```
Combo1.AddItem "2"
```

```
Combo2.AddItem "1"
```

```
Combo2.AddItem "2"
```

```
End Sub
```

6.1 STAYS OF CUSTOMERS AT HOTEL

This is the data form of the program. We can see all customers that they are staying at the hotel.

The form and codes of the hotel part are following.

The screenshot shows a Windows application window titled "Form7". Inside the window, the title "Customers stays at Hotel" is centered at the top. Below the title, there are four buttons: "Print List", "Set Printer", "Help", and "Close".

On the left side, there are several input fields and date pickers:

- "Oda No" (Room No) with a "Combo1" dropdown menu.
- "Adı" (Name) with a "Text1" text box.
- "Soyadı" (Surname) with a "Text2" text box.
- "Stays Date" section with "From Date" and "To Date" dropdowns, both set to "18/04/2002".
- "Leave Date" section with "From Date" and "To Date" dropdowns, both set to "18/04/2002".
- "Search" and "All Record" buttons.
- A "Customer Leaved" button.

In the center, there is a table with the following data:

CustomerCo	Name	Surname	DateOfBirth	City I	TurizmLi
1	ifkjdkl	dfdsf	9/2/95	dsfe	fdgfd
2	fdgd	dfgdf	4/2/96	fgdf	çığdem
3	mehmet	kaya	6/1/95	tokat	çiçek
4	ahmet	bulut	5/1/85	samsun	memoloş
5	uğur	çığdem	11/5/88	tokat	ialto

Below the table, there are two sets of navigation controls, each with "Adodc1" and "Adodc2" labels and arrows for navigating through the data.

```

Private Sub Command1_Click()
    stReport.Show 1
End Sub

Private Sub Command4_Click()
    load Me
End Sub

Private Sub Command5_Click()
    MSHFlexGrid1.Clear
    With Adodc2
        .ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"
        .CommandType = adCmdText
        .RecordSource = " select * from staysAtHotel where name like '" & Text1.Text
or surname like '" & Text2.Text & "' or RoomNo like '" & Combo1.Text &
or dateofExit between #" & DTPicker3.Value & "# And #" &
DTPicker4.Value & "# or dateofCome between #" & DTPicker1.Value & "#
and #" & DTPicker2.Value & "#"
    End With
    Refresh
End Sub

Private Sub Command6_Click()
    Dim i, j
    With Adodc1
        .ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=C:\graduation proje\otel\db1abc.mdb"
        .CommandType = adCmdText
        .RecordSource = " select * from StaysAtHotel"
    End With
    With MSHFlexGrid1

```



```
Set .DataSource = Adodc1
While Adodc1.EOFAction = adStayEOF
MSHFlexGrid1.Cols("") = Adodc1.ConnectionString
Adodc1.Recordset.MoveNext
Wend
End With
End Sub
```


7. BALANCES

In this part I prepared customer balances and personnel balances. In the balances there are three section.

First section is search criteria. Here we can search customers and personnel that we want to find it. We search customers by use the cust_no, cust_name, balance, and balance type. We search personnel by use the person code, person name, and, personnel balance.

Second section is sort criteria section .we sort customers by name, surname, and balance.

In the final section there is a table which we can see all balance information about the customers and personels.

On the balance form there is a button that we can print out our customers balance information or our personel balance information.

7.1 PERSONNEL BALANCE

This is the personnel balance part of the program. We can find balances personnel by using this form. We can search or sort any personnel . Following the personnel balance form of the program.

Personnel Balance

Close

Search Criteria

Code: Text5

Name: Text1

Surname: Text2

Type: Combo2

Balance: Text3

Text4

Search All Record

Sort Criteria

Cust_name

Cust_surname

Sum_of_credit

Sum_of_dept

Balance

PersonnelNo	PersonnelName	PersSurname	Process	Receivable
1	fdshds	dfwe	fdshfj	5000000
2	fdjs	fdg	rwer	4000000
3	erw	fds	rytyt	3000000
4	fdhjk	erywe	fifdio	6000000
5	Hasan	sadsa	nakit	8000000

Sum_of_Dept

Balance

Adodc1

Adodc2

7.2 CUSTOMER BALANCES

This is the customer balance part of the program. We can find balances personnel by using this form. We can search or sort any personnel . Following the customer balance form of the program.

Customer Balance

Close

CustomerCo	TurizmLtd	Name	Surname	TradeName	zReceivab
1	fdgfd	fkjkdj	didsf	lale	300000
2	çigdem	fdgd	dfgdf	çigdem	50000000
3	çiçek	mehmet	kaya	nuri	200000
4	memoloş	ahmet	bulut	vakıf	100000
5	falto	uğur	çigdem	kaya	35550000

Search: [] All Record []

Sort Criteria:
☐ CustName ☐ Cust Surname
☐ SumOfCredit ☐ SumOfDebit
☐ Balance ☐ CustCode

Navigation: [] Adodc1 [] Adodc2 []

e codes of the balances are following.

```
Private Sub Command1_Click()
```

```
PersonnelReport.Show 1
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
Load Me
```

```
End Sub
```

```
Private Sub Command3_Click()
```

```
With Adodc2
```

```
ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
```

```
Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"
```

```
CommandType = adCmdText
```

```
RecordSource = " select * from personnelbalance where personnelname like "
```

```
Text1.Text & " or persSurname like " & Text2.Text & " or balancetype like "
```

```
Combo2.Text & " or personnelno like " & Text5.Text & " or balance between
```

```
& Val(Text3.Text) & " and " & Val(Text4.Text) & " "
```

```
Refresh
```

```
End With
```

```
Set MSHFlexGrid1.DataSource = Adodc2
```

```
End Sub
```

```
Private Sub Command4_Click()
```

```
Dim i, j
```

```
With Adodc1
```

```
ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
```

```
Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"
```

```
CommandType = adCmdText
```

```
RecordSource = " select * from personnelbalance"
```

```
Refresh
```

```
End With
```

```
With MSHFlexGrid1
```

```
Set .DataSource = Adodc1
```



```

While Adodc1.EOFAction = adStayEOF
    MSHFlexGrid1.Cols("") = Adodc1.ConnectionString
    Adodc1.Recordset.MoveNext
Wend

End With

End Sub

Private Sub Form_Load()
    Combo2.AddItem "receivable"
    Combo2.AddItem "payable"
End Sub

Private Sub Option1_Click()
    MSHFlexGrid1.Col = 2
    MSHFlexGrid1.Sort = 5
End Sub

Private Sub Option2_Click()
    MSHFlexGrid1.Col = 3
    MSHFlexGrid1.Sort = 5
End Sub

Private Sub Option3_Click()
    MSHFlexGrid1.Col = 5
    MSHFlexGrid1.Sort = 3
End Sub

Private Sub Option4_Click()
    MSHFlexGrid1.Col = 6
    MSHFlexGrid1.Sort = 3
End Sub

Private Sub Option5_Click()
    MSHFlexGrid1.Col = 7
    MSHFlexGrid1.Sort = 3
End Sub

```

8. REPORTS

This is the reports of the program. In the section I prepared reports of the customers and personnel. On the form we can find three section.

First section is search part. We can search customers and personnel account processes by using this part. We can make search by enter code, name, surname, and process date.

Second section is sort part. We can sort customers and personnel reports by using this part. This can facilities for user. If we want to take print out we can make reports in order.

In the final section there is a table so that we can see all customers and personnel reports at the same time.

8.1 CUSTOMER REPORTS

This is the customer report part of the program. We can find reports of all customers by using this form. We can search or sort any customer. Following the customer report form of the program.

Form1 Customer Process Report

Printer Close

Search Criteria

Cust Code Text3

Cust Name Text1

CustSurname Text2

FirmName Text4

BalanceType Combo3

ProcessType Combo4

Process Date

From Date 19/04/2002

To Date 19/04/2002

Due Date

From Date 19/04/2002

To Date 19/04/2002

List Criteria

☐ Cust Code ☐ SumOfCredit

☐ Cust Name ☐ SumOfDebt

☐ CustSurname ☐ Bakiye

Search All Record SearchDate

cust_code	CustName	CustSurname	ProcessType	Receivable	AccPayab
1	ugur	gıgdem	check	5000000	400000
2	hasan	kaya	cash	3000100	410000
3	ahmet	kurt	cash	4000000	200000
4	mehmet	ferhat	cash	8000000	900000
5	harun	yaylacı	check	7000000	1000000

Adodc1 Adodc2

Private Sub Command1_Click()

Report.Show 1

Sub

Private Sub Command2_Click()

Load Me

Sub

Private Sub Command3_Click()

MSFlexGrid1.Clear

With Adodc2

ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security

Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"

CommandType = adCmdText

RecordSource = " select * from customerprocessreport where custname like "

Text1.Text & " or custsurname like " & Text2.Text & " or balancetype like "

Combo3.Text & " or processtype like " & Combo4.Text & " or cust_code

like " & Text3.Text & " or tradename like " & Text4.Text & " "

Refresh

End With

MSFlexGrid1.DataSource = Adodc2

Exit Sub

End Sub

Private Sub Command4_Click()

Dim i, j

With Adodc1

ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security

Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"

CommandType = adCmdText

RecordSource = " select * from customerprocessreport"

Refresh

End With

MSFlexGrid1


```

.DataSource = Adodc1
While Adodc1.EOFAction = adStayEOF
MSHFlexGrid1.Cols("") = Adodc1.ConnectionString
Adodc1.Recordset.MoveNext
End
End With
End Sub

Private Sub Command5_Click()
MSHFlexGrid1.Clear
With Adodc2
.ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"
.CommandType = adCmdText
.RecordSource = " select * from customerprocessreport where duedate between
& DTPicker3.Value & "# And #" & DTPicker4.Value & "# or date between
& DTPicker1.Value & "# And #" & DTPicker2.Value & "#"
.Refresh
End With
Set MSHFlexGrid1.DataSource = Adodc2
Exit Sub
End Sub

Private Sub Form_Load()
Combo3.AddItem "receivable"
Combo3.AddItem "payable"
Combo4.AddItem "Bill"
Combo4.AddItem "cash"
Combo4.AddItem "Decont"
Combo4.AddItem "Cheque"
Combo4.AddItem "Receipt"
Combo4.AddItem "Credit Card"
End Sub

```

Private Sub Option1_Click()

SHFlexGrid1.Col = 0

SHFlexGrid1.Sort = 3

End Sub

Private Sub Option2_Click()

SHFlexGrid1.Col = 2

SHFlexGrid1.Sort = 5

End Sub

Private Sub Option3_Click()

SHFlexGrid1.Col = 3

SHFlexGrid1.Sort = 5

End Sub

Private Sub Option4_Click()

SHFlexGrid1.Col = 7

SHFlexGrid1.Sort = 3

End Sub

Private Sub Option5_Click()

SHFlexGrid1.Col = 8

SHFlexGrid1.Sort = 3

End Sub

Private Sub Option6_Click()

SHFlexGrid1.Col = 9

SHFlexGrid1.Sort = 3

End Sub

8.2 CASH REPORT

This is the daily cash report form of the program. We can see daily process of cash and also we can see how much money we earn every day .
The form and codes of the daily cash report part are following:

Form17 Daily Cash Report

Printer Close

Search Criteria

BankAccNo: Text3

Cust_Name: Text1

CustSurname: Text2

BankName: Combo2

BalanceType: Combo3

ProcessType: Combo4

Process Date

From Date: 19/04/2002

To Date: 19/04/2002

Due date

From Date: 19/04/2002

To Date: 19/04/2002

Search All Record SearchDate

List Criteria

☐ Cust_No ☐ SumOfCredit

☐ Cust Name ☐ SumOfDept

☐ CustSurname ☐ Balance

cust_code	CustName	CustSurname	TradeName	TaxNo	Pro
1	uğur	çiğdem	lale	1	sen
2	hasan	kaya	çiğdem	2	nak
3	ahmet	kurt	nuri	3	çek
4	mehmet	ferhat	vakıf	4	dec
5	harun	yaylacı	kaya	5	nak

Adodc1 Adodc2

Private Sub Command1_Click()

raporlar.Show 1

End Sub

Private Sub Command2_Click()

Unload Me

End Sub

Private Sub Command3_Click()

MSHFlexGrid1.Clear

With Adodc2

.ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security

Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"

.CommandType = adCmdText

.RecordSource = " select * from cashreport where custname like '" &

Text1.Text & "' or custsurname like '" & Text2.Text & "' or balancetype like '" &

Combo3.Text & "' or processtype like '" & Combo4.Text & "' or bankaccountno

like '" & Text3.Text & "' or bankname like '" & Combo2.Text & "' "

.Refresh

End With

Set MSHFlexGrid1.DataSource = Adodc2

Exit Sub

End Sub

Private Sub Command4_Click()

Dim i, j

With Adodc1

.ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security

Info=False;Data Source=C:\graduationproj\otel\db1abc.mdb"

.CommandType = adCmdText

.RecordSource = " select * from cashreport"

.Refresh

End With


```

h MSHFlexGrid1
.DataSource = Adodc1
While Adodc1.EOFAction = adStayEOF
MSHFlexGrid1.Cols("") = Adodc1.ConnectionString
Adodc1.Recordset.MoveNext
Vend
End With
d Sub

Private Sub Command5_Click()
MSHFlexGrid1.Clear
With Adodc2
ConnectionString = "Provider=Microsoft.Jet.OLEDB.3.51;Persist Security
Info=False;Data Source=C:\graduationproj\otel\db\abc.mdb"
CommandType = adCmdText
RecordSource = " select * from customerprocessreport where duedate between
" & DTPicker3.Value & "# And #" & DTPicker4.Value & "# or date between
" & DTPicker1.Value & "# And #" & DTPicker2.Value & "#"
Refresh
End With
Set MSHFlexGrid1.DataSource = Adodc2
Exit Sub
End Sub

Private Sub Form_Load()
Combo3.AddItem "receivable"
Combo3.AddItem "payable"
Combo4.AddItem "Bill"
Combo4.AddItem "cash"
Combo4.AddItem "Decont"
Combo4.AddItem "Cheque"
Combo4.AddItem "Receipt"
Combo4.AddItem "Credit Card"
End Sub

```

CONCLUSION

```
Private Sub Option1_Click()
```

```
MSHFlexGrid1.Col = 0
```

```
MSHFlexGrid1.Sort = 3
```

```
End Sub
```

```
Private Sub Option2_Click()
```

```
MSHFlexGrid1.Col = 2
```

```
MSHFlexGrid1.Sort = 5
```

```
End Sub
```

```
Private Sub Option3_Click()
```

```
MSHFlexGrid1.Col = 3
```

```
MSHFlexGrid1.Sort = 5
```

```
End Sub
```

```
Private Sub Option4_Click()
```

```
MSHFlexGrid1.Col = 7
```

```
MSHFlexGrid1.Sort = 3
```

```
End Sub
```

```
Private Sub Option5_Click()
```

```
MSHFlexGrid1.Col = 8
```

```
MSHFlexGrid1.Sort = 3
```

```
End Sub
```

```
Private Sub Option6_Click()
```

```
MSHFlexGrid1.Col = 9
```

```
MSHFlexGrid1.Sort = 3
```

```
End Sub
```

9. CONCLUSION

Visual Basic is an easy program to grasp. This cause is why I have decided to use this program.

Visual Basic is a Microsoft Windows programming Language. Visual Basic is a distinctly different language providing powerfull features such as graphical user interfaces, even handling, access to the Win32 API, object-oriented features, error handling, structured programming, and much more.

In this project I made hotel database program. It is easy to use and It can be use most kind of hotels. I used Visual Basic for write this program and I used Microsoft Access database for keep all my databases.

In this study our main aim to put accross is that this program can be operated by some one who has never used it before.

In this program there is also menus to make your writting much simpler, It containing windows menus and also afacility to prepare reports.

10. REFERENCES



- 1-) Ihsan Karagülle ; Zeydin Pala(1999). Microsoft Visual Basic 6.0.
Istanbul. Türkmen press.
- 2-) Prof. Dr. Mithat Uysal (1999). Development Of The Software with
Visual Basic 6.0. Istanbul. Beta Press.
- 3-) Ihsan Karagülle ; Zeydin Pala (1999). Microsoft Visual Basic
6.0 Pro. Istanbul. Türkmen Press.
- 4-) Oscar Hotel, Girne
- 5-) Colony Hotel, Girne