



**NEAR EAST UNIVERSITY**

**Faculty of Engineering**

**Department of Computer Engineering**

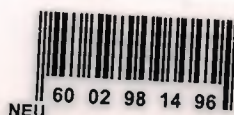
**HOTEL MANAGEMENT SYSTEM**

**Graduation Project  
Com – 400**

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**Nicosia - 2003**



## PREFACE

This graduation project is aimed to make manage of hotels. This Program will be the guide of the hotel managers. They will store the customers record, however they want. They will quickly access to the searching record without losing any time. They will submit the details of the customer to the customer itself or Police Office.

The project prepared by Volkan KELEŞ who has studied in Computer Engineering Department of Engineering Faculty at Near East University.

## **ACKNOWLEDGEMENT**

All my thanks to those who endlessly encouraged me through out my undergraduate studies and provided me with all kind of support, generally by moralling. The biggest, thanks to the God. And the special people, who stands beside me at every moment of my life, as my mum (Nuran), dad (Kısmet), sister (Burcu) and finally dear brother (Abdurrahman). I have feeled proud when I study in this department and also study for this Graduation Project (Hotel Management System).

I would like to express my faithful thanks to my university with all its own educational staff and my instructors whose have been a good guide for me, to be a Computer Engineer. Specially Mr. Ümit İLHAN who provided me with valuable advise to graduation topics and help to achieve my graduation project besides being an example of the responsible instructor.

Thanks to all my friends and school mates who joined me and share my study duration of nine semester (four and half years). Specially to my dear friend A.Rıza KASABALI, Menderes BOZKURT and my football team Aytaç GEÇEL, Mert KIRAN, Serdar, Selçuk GİKİOĞLU, Yücel B. TURAL and the all Arabic friends..

## ABSTRACT

The people have no choose to live, but the people have to continue the life. Thanks to God that, every person has the different characteristics. According to this, every person has a job. And also some of the people have a lot of jobs. These jobs can take most of the time on a day. For this reason some people try to make the jobs easier then before. We are doing this job. We are trying to earn more time from the day. We are trying to make every operation easily, quickly and rightly.

This Hotel Management System Program is the example of this idea. Because before the computer spread to world, there was a lot of complex calculations and also more paper using just to take the hotel records. But today's world allows a person about the keeping the more than 10,000 people records at the same time. As keeping, the finding too.

This program makes the every process of the Hotel Management System easiest. I take pride for prepare this program to the real business world.

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## **ABBREVIATIONS**

NEU	Near East University
WWW	World Wide Web
HMS	Hotel Management System
MVB	Microsoft Visual Basic
VisData	Visual Database

## **INTRODUCTION**

### **HMS (Hotel Management System)**

Hotel Management System will be the helpful to all managers whose are hotel management student, and also whose interested in Microsoft Visual Basic programming language, interesting of software.

Hotel Management System is easier and quicken way of the recording, searching, deleting, printing and editing of the record that the hotel has.

### **MVB (Microsoft Visual Basic)**

Visual Basic is known for its ability to allow a programmer to quickly, and easily, create a Windows program. In part, this is possible because objects provide code that you don't have to write.

In Visual Basic, the basic building block of an application is a form, which is simply a window. The Visual Basic IDE can insert forms into your project, and then you can resize the forms as well as change other properties of the form. However, controls (checkboxes, textboxes...) are also windows. A form is distinguished from a control in that only forms can exist as standalone objects. When controls are used, they must be placed in a form and there are a few exceptions such as the printer object or the screen object, which are not considered part of any form, but are part of a Visual Basic program.

It's worth noting that when managers talk about programmers, one of the common metrics used to describe performance is "lines of code per month". There are

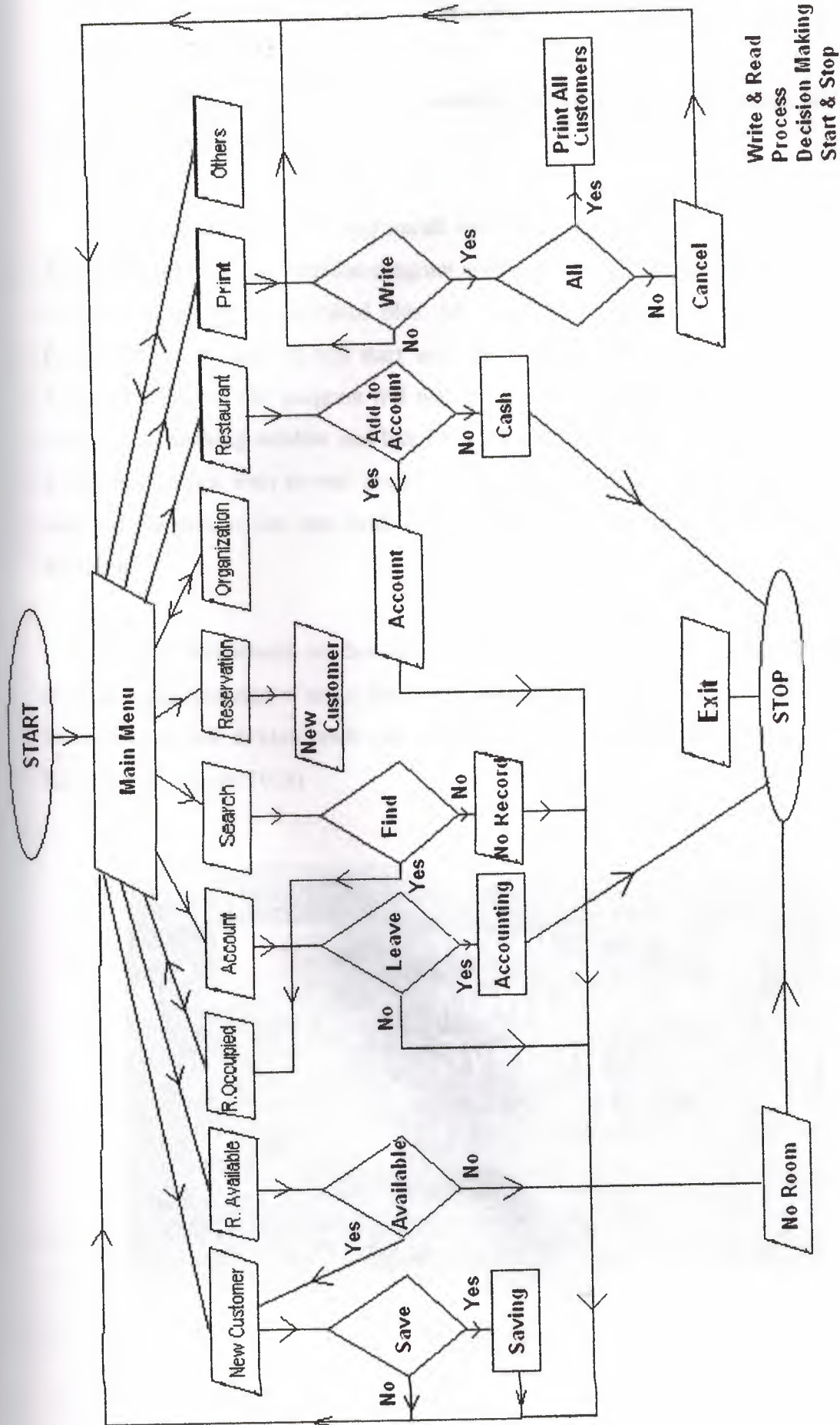
all kinds of debate about how good a metric this is, but the fact is that the metric is used.

It's not that you don't get credit for novel algorithms, or that you won't be a hero to fellow programmers when they see how you solved a problem with 10 lines of code that took them 100. You'll get that credit (and mental satisfaction) but looking at the big picture it's clear that the volume of code you can crank out will be the visible result of your efforts. Writing a program is essentially a design task, aimed at solving a problem. Like most things, there are many design approaches for every problem. Some solve the problem by grinding out an answer. Some are very elegant. Others are so complex that even the designer has a hard time keeping up with the convolutions of the approach. Here the specifications of a great Visual Basic programmer:

- Great programmers must be coding experts
- Great programmers understand that there are many approaches to a problem
- Great programmers work efficiently.

VB provides two controls, which make the link to the database file, and which creates the recordset that is exposed to the rest of the controls in your application. The two are identical in concept but differ in the flexibility they offer to the programmer. Data controls are the most important part of the programs, and applications. By adding user's information on a database file, the programmers can use this file by adding, reading and deleting fields on it.

In case you have any question about the value of objects, that objects (in the form of controls) are the single biggest reason why Visual Basic has been so successful. In Visual Basic 6.0, Microsoft has expanded the object features of Visual Basic, making it even more powerful than ever.





# CHAPTER 1

## HOTEL MANAGEMENT SYSTEM

HMS is the easier way of the recording, searching, deleting, printing and editing of the record that the hotel has.

First of all the user should install the HMS program from the prepared CD as a *HMS Ver. 1.0 CD*. And then the program is ready to using. The user should click on the MAIN.EXE file of the installed files. MAIN.EXE is the main window of the HMS Program as undersable. It will start with the small advertise of itself as shown in the Picture 1.1 below. The program will wait for a 3 seconds and then it will automatically close the advertising window and link the itself to the main menu of the HMS Program. If the user do not want to wait the advertising window of the HMS Program, user can click on the picture just one times to link manually to the main window of the HMS Program.

The advertisement window is include the title of the Hotel Management System, programming language's name and version and also author name of the program, Lecture code and written place (whose as Com – 400 Graduation Project of Volkan KELEŞ and Nicosia 2003)



*Picture 1.1*



♥C■0■  
Private Sub Image1\_Click()

Form2.Show

Unload Me

End Sub

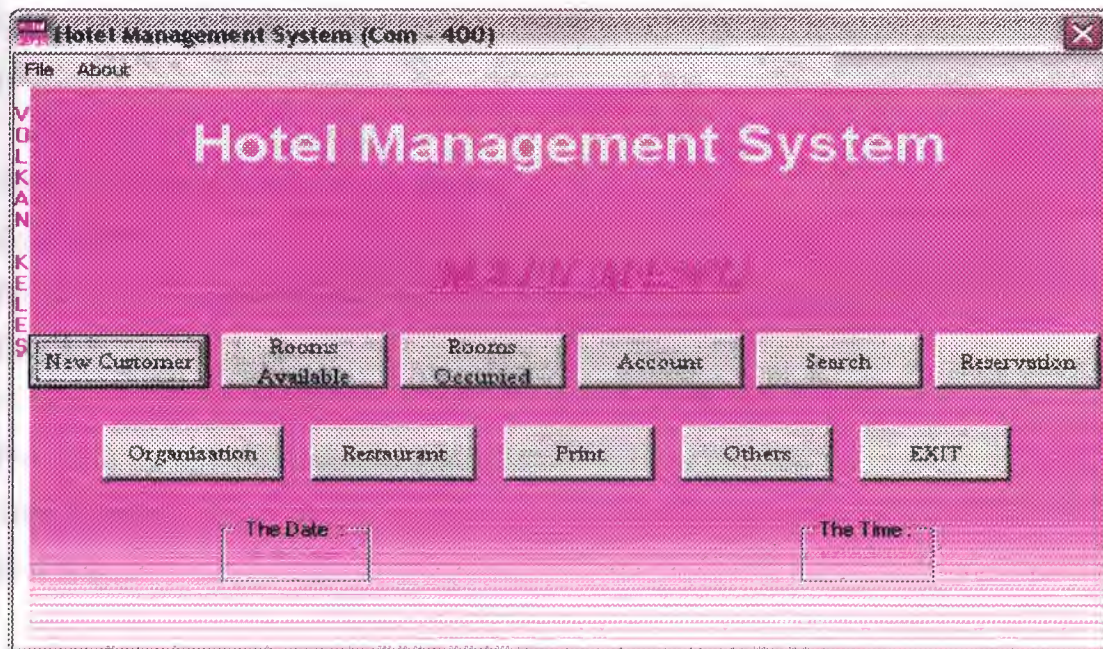
Private Sub Timer1\_Timer()

Unload Me

Form2.Show

End Sub

## Main Menu



*Picture 1.2*

Private Sub acc\_Click(Index As Integer)

Form6.Show

End Sub

Private Sub Command1\_MouseMove(Index As Integer, Button As Integer, Shift As Integer, x As Single, Y As Single)

Command1(Index).Font.Bold = True

End Sub

```
Private Sub exit_Click(Index As Integer)
```

```
Form5.Show
```

```
End Sub
```

```
Private Sub Form_MouseMove(Button As Integer, Shift As Integer, x As Single, Y As Single)
```

```
For i = 1 To 11
```

```
Command1(i).Font.Bold = False
```

```
Next
```

```
End Sub
```

```
Private Sub hmsprog_Click()
```

```
s = MsgBox("HMS Program Version 1.0", 48, "About ...")
```

```
End Sub
```

```
Private Sub nce_Click(Index As Integer)
```

```
Form3.Show
```

```
Form3.Data1.Recordset.AddNew
```

```
End Sub
```

```
Private Sub org_Click(Index As Integer)
```

```
Form9.Show
```

```
End Sub
```

```
Private Sub others_Click(Index As Integer)
```

```
Form12.Show
```

```
End Sub
```

```
Private Sub prgmer_Click()
```

```
Unload Me
```

```
Form13.Show
```

```
End Sub
```

```
Private Sub print_Click(Index As Integer)
```

```
Form11.Show
```

```
End Sub
```

```
Private Sub ra_Click(Index As Integer)
```

```
Form4.Show
```

```
End Sub
```

```
Private Sub reserve_Click(Index As Integer)
```

```
Form3.Show
```

```
Form3.Data1.Recordset.AddNew
```

```
Form3.Caption = "Customer Reservation"
```

```
Form3.Label27.Caption = "Reservation"
```

```
Form3.Command1.Caption = "Reserve"
```

```
Unload Me
```

```
End Sub
```

```
Private Sub rest_Click()
```

```
Form10.Show
```

```
End Sub
```

```
Private Sub ro_Click(Index As Integer)
```

```
Form3.Show
```

```
Form3.Label27.Caption = "Room Occupied"
```

```
Form3.Command1.Visible = False
```

```
Form3.Image1.Visible = False
```

```
Form3.Text1.Enabled = False
```

```
Form3.Text2.Enabled = False
```

```
Form3.Text3.Enabled = False
```

```
Form3.Text4.Enabled = False
```

```
Form3.Text5.Enabled = False
```

```
Form3.Text6.Enabled = False
```

```
Form3.Text7.Enabled = False
```

```
Form3.Text8.Enabled = False
```



```

Form3.Text9.Enabled = False
Form3.Text10.Enabled = False
Form3.Text11.Enabled = False
Form3.Text12.Enabled = False
Form3.Text13.Enabled = False
Form3.Text14.Enabled = False
Form3.Text15.Enabled = False
Form3.Text16.Enabled = False
Form3.Text17.Enabled = False
Form3.Text18.Enabled = False
Form3.Text19.Enabled = False
Form3.Text20.Enabled = False
Form3.Text21.Enabled = False
Form3.Text22.Enabled = False
End Sub

Private Sub ser_Click(Index As Integer)
Form7.Show
End Sub

Private Sub Timer1_Timer()
Label2.Caption = Date
Label3.Caption = Time
End Sub

Private Sub Timer2_Timer()
Label4.Caption = Right(Label4.Caption, Len(Label4.Caption) - 1) +
Left(Label4.Caption, 1)
End Sub

Private Sub Command1_Click(Index As Integer)
If Index = 1 Then
Form3.Show
Form3.Command4.Visible = False

```

Form3.Data1.Recordset.AddNew

Unload Me

End If

If Index = 2 Then

Form4.Show

Unload Me

End If

If Index = 3 Then

Form3.Show

Form3.Label27.Caption = "Room Occupied"

Form3.Command1.Visible = False

Form3.Command4.Visible = True

Form3.Image1.Visible = False

Form3.Text1.Enabled = False

Form3.Text2.Enabled = False

Form3.Text3.Enabled = False

Form3.Text4.Enabled = False

Form3.Text5.Enabled = False

Form3.Text6.Enabled = False

Form3.Text7.Enabled = False

Form3.Text8.Enabled = False

Form3.Text9.Enabled = False

Form3.Text10.Enabled = False

Form3.Text11.Enabled = False

Form3.Text12.Enabled = False

Form3.Text13.Enabled = False

Form3.Text14.Enabled = False

Form3.Text15.Enabled = False

Form3.Text16.Enabled = False

Form3.Text23.Enabled = False

Form3.Combo1.Enabled = False

Form3.Combo2.Enabled = False



Form3.Text18.Enabled = False

Form3.Text20.Enabled = False

Form3.Text21.Enabled = False

Form3.Text22.Enabled = False

Unload Me

End If

If Index = 4 Then

Form6.Show

Unload Me

End If

If Index = 5 Then

Form7.Show

Unload Me

End If

If Index = 6 Then

Form3.Show

Form3.Command4.Visible = False

Form3.Data1.Recordset.AddNew

Form3.Caption = "Customer Reservation"

Form3.Label27.Caption = "Reservation"

Form3.Command1.Caption = "Reserve"

Unload Me

End If

If Index = 7 Then

Form9.Data1.Recordset.AddNew

Form9.Show

Unload Me

End If

If Index = 8 Then

Form10.Show

Form10.Data1.Recordset.AddNew

Unload Me

End If

If Index = 9 Then

Form11.Show

Unload Me

End If

If Index = 10 Then

Form12.Show

Unload Me

End If

If Index = 11 Then

Unload Me

Form5.Show

End If

End Sub

This is the main window of the HMS Program. Every application can occur from here. As shown on the main window there are eleven command buttons to make easier access for the user. These command buttons are sequentially *New Customer* button, *Rooms Available* button, *Rooms Occupied* button, *Account* button, *Search* button, *Reservation* button, *Organization* button, *Restaurant* button, *Print* button, *Other* button and finally *Exit* button. Those buttons are related with the their own window(s) on the other, different window(s). Also there is a menu option on the left top side of the main window. This option is also related with the predefined command buttons. Again window(s) opens in the new window.

**New Customer :** When the user choice this command button. This HMS Program will open the *New Customer Entry* window to enter the new customer's details.

**Rooms Available:** When the user choice this command button. This HMS Program will open the *Room Available* window to learn the room empty or not.

**Rooms Occupied:** When the user choice this command button. This HMS Program will open the *Room Occupied* window to learn who stay in the room.

**Account:** When the user choice this command button. This HMS Program will open the *Account* window to learn or leave from the hotel.

**Search:** When the user choice this command button. This HMS Program will open the *Search* window to find the customer according to the Name and Surname or ID No or Passport No..

**Reservation:** When the user choice this command button. This HMS Program will open the *Reservation* window to reserve the room before renting.

**Organization:** When the user choice this command button. This HMS Program will open the *Organization* window to make customers' funny.

**Restaurant:** When the user choice this command button. This HMS Program will open the *Restaurant* window to check account of hotel restaurant.

**Print:** When the user choice this command button. This HMS Program will open the *Print* window to take the print out.

**Others:** When the user choice this command button. This HMS Program will open the *Other* window to easy connect to the needed programs.

**Exit:** When the user choice this command button. This HMS Program will close the window and ask the "Are You Sure ? Do You Realy Want to Quit ?" and then according to the selection HMS Program process the action.



And also there are two frame on the main window of the HMS Program. These are very useful when the user recording the New Customer. Because these frames are related with the operating system(s) what the computer has. They are responsible by showing the time and date of the system. If there is an error on the time or the date it will show current time and date of course.

The user free to use either mouse on the screen or keyboard by using the Tab puss button on the left side of the keyboard to skip the next command button. Which will shows itself in the window frame. It has the loop to continue. If the user choice the mouse to click the button, it will see the bold type of the written text, when mouse over the right command button by using the timer inside the Microsoft Visual Basic programing language. At the end of the buttons, main window has the exit buton, to cancel the program and shutting down the working HMS Program on the PC. The user can use also key complex of CTRL+E to shutting down the working program. These windows all have no border style section. Because all af the windows have a standard, fix size of visualization. They prepared to the best view on the screen by using form layout window inside the Microsoft Visual Basic programming language. And the finally for this main window, there is a label on the left side of the main window. It has a loop to continue up to program shutting down by the user. This label developed by me to move from down to up in the main window to make it funny. This could be on the top of the main window of the HMS Program, as form name (whose name is Hotel Management System (Com - 400) right now) but current kind is excellent than this kind of the advertising for me.

## New Customer Entry

The screenshot shows a Windows-style application window titled 'New Customer Entry'. The main title 'Hotel Management System' is at the top in a large, bold font. Below it, the subtitle 'New Customer Entry' is displayed in a smaller, italicized font. The form contains various input fields for customer information, organized in two columns. The left column includes fields for 'Name and Surname', 'Date of arrival' (with a date picker showing 'dd.mm.yy'), 'Passport or ID Number', 'Age', 'Occupation', 'Today's Date' (with a date picker showing '14.01.2003'), 'Permanent Address', 'Sex of Customer', 'Partner No' (with an 'Age' field), 'Children No' (with an 'Age' field), and 'Date of Departure' (with a date picker showing 'dd.mm.yy'). The right column includes fields for 'Nationality', 'Religion', 'Car Ser. & Board', 'Room Type' (with a dropdown arrow), 'Room No & Cap', 'Room Service', 'Kind of Payment' (with a dropdown arrow), and 'Attended by'. At the bottom right, there are three buttons: 'Room Available', 'Cancel', and 'SAVE and RETURN' (which has a checkmark icon next to it). The form has a pinkish-red background with a grid-like pattern.

*Picture 1.3*

```
Private Sub Command1_Click()  
Data1.Recordset.AddNew  
Data1.Recordset.Update  
MsgBox "Record Saved."  
Unload Me  
Form2.Show  
End Sub  
Private Sub Command2_Click()  
Form4.Show  
End Sub  
Private Sub Command3_Click()  
Data1.Recordset.Edit
```



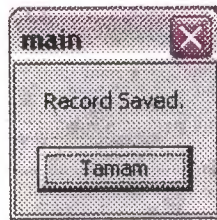
```
Data1.Recordset.CancelUpdate
Form2.Show
MsgBox "Record Canceled."
Unload Me
End Sub
```

```
Private Sub Command4_Click()
namesurname$ = InputBox(" Write Name and Surname of The Customer, That You
Want To Check.")
ölçüt = "namesurname=" & namesurname$ & ""
Data1.Recordset.FindFirst ölçüt
a = 7
Do While a = 7
a = MsgBox("Have You Find The Searching Record About Customer ? ",
vbYesNoCancel, "Details of The Customer")
If a = 7 Then
Data1.Recordset.FindNext ölçüt
End If
Loop
End Sub
```

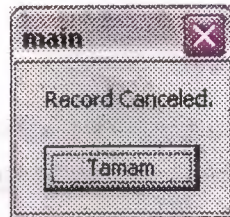
```
Private Sub Image3_Click()
iskenderun = MsgBox("The Options Are: HalfBoard and FullBoard. ", vbInformation,
"Options of the Board Kind")
End Sub
```

```
Private Sub Image7_Click()
iskenderun = MsgBox("The Options Are: King Room, Sea, Mountain,Swimming Pool
and Standard. ", vbInformation, "Options of the Room Kind")
End Sub
```

```
Private Sub Timer1_Timer()
Label24.Caption = Date
End Sub
```



*Picture 1.4*



*Picture 1.5*

When the user choice to click *New Customer* button from the main window, the program will show the *New Customer Entry* window and hide himself up to the *New Customer Entry* window has been closed. After using the *New Customer Entry* window the *Main* window will show himself and hide the *New Customer Entry* window as first working type.

This window makes the main idea of the HMS Program. Because here the user should enter the customer information, according to the customer ID card or (if the customer is a tourist) Passport and some asking questions. The user should also write the date of the day to calculate the account when the customer leave from the hotel. The user should enter:

**Name and Surname:** This is necessary to identify the customer. And record the customer.

**Date of Arrival:** This field is the first date record. The user should write the date of customer reserve the arrival at the hotel. It is necessary to calculate the account by using subtraction of last date and first date. This is for reserved customer. The user has to obey to the date format which is given on the right side of the text box as either *dd.mm.yy* or *dd.mm.yyyy*.

**Passport or ID Number:** This field is necessary for the Police Office of city. This field may be helpful to the user, to find the record(in Search Option). It is also characteristic of identification.

**Age:** This field is for the customer age, according to the ID card of the customer.

**Occupation:** This field prepared to know, what is the customer's job.

**Today's Date:** This field is the today's date record. The user should write the date of customer arrival at the hotel. It is necessary to calculate the account by using subtraction of last date and first date. The user has to obey as *Date of Arrival* to the date format which is given (with that day date) on the right side of the text box as either *dd.mm.yy* or *dd.mm.yyyy*.

**Permanent Address:** This field is also for Police Office. It is not much important for recording a customer by the user. It includes the customer's home or work address to access the customer at needed time.. It can be a telephone number also.

**Sex of Customer:** This field for customer's sex information.

**Accompanied by:** This field is necessary for the customer's dad or mum or friend(s) or husband or wife or children.

- **Partner No & Age:** It is necessary to know how many people will stay at a room. It is not the customer but with customer. These are responsible by the customer.
- **Child No & Age:** It is necessary to know how many children will stay at a room. It is also not the customer but with customer. These are responsible also by the customer.

**Date of Departure:** This field is the leaving date record. The user should write the date of customer approximate leaving at the hotel. It is necessary to calculate the account by



using subtraction of leaving date and first date. The user has to obey (as *Date of Arrival*) to the date format which is given on the right side of the text box as either *dd.mm.yy* or *dd.mm.yyyy*.

**Nationality:** This field is asking for the customer's nationality.

**Religion:** This field is asking for the customer's religion.

**Car Service:** This field is necessary to know, the customer need a car or not. If the customer need a car, the user has to write yes or ok to send a car to the Airport or Seaport or Bus Station according to the customer wish. If the written word is no or any other things there is no any problem. The user has to click the next text box. If the customer need to room service they have to pay extra money.

**Room Type:** Room type section is necessary for the customers' wish. There are a few kind of the room types as Sea, Swimming Pool, Mountain, King Room and Standard

**H.B. & F.B. :** This is the for selection of the room style as either Half Board or Full Board.

**Room No and Capacity:** This is according to the customers' partners and also customers' wish. If the customers' parents numbers more than the capacity, they will divided into two groups. This part is also related with the *Room Available* section of the *Main Menu*.

**Room Service:** This field is similar to the *Car Service* section on this window. If the customer need to room service they have to pay extra money.

**Kind of Payment:** This is the payment section of the HMS Program. It has a few selection as Cash, Check and Credit Card.

**Attended by:** This field is not interested with the customer. This is related with the user name and surname who is interested with the customer.

And also some command buttons are used for make it easier to access the following actions.

**Room Available:** Check the room is available or not by searching the room number. If the room is available the HMS Program will open the *New Customer Entry* window to enter the record there.

**Cancel:** This command button allow the user to cancel the entering record before saving the record. And then linked to the message box to warning the user about "Record Canceled". When linked *Mein Menu* window the *New Customer Entry* window will be hidden.

**Save and Return:** This command button allows the user to save the record. When the user click the *Save and Return* button, the HMS Program automatically gives a message about "Record Saved" and then linked to the *Main Menu* of the HMS Program. When linked *Mein Menu* the *New Customer Entry* window will be hidden.

## **Room Available**

Room Available window performs the asking program about the given room number is empty or not. The computer show the Picture 1.6. there are three text box they are related to the database as *Room No*, *Room Type* and *Room Capacity*. And also the *Room Available* window has two command buttons whose are *ASK* and *Return Menu*.



**Room Available**

## Hotel Management System

Room No. 216

Room No :

Room Type :

Room Capacity :

*Picture 1.6*

```

Private Sub Command1_Click()
roomno$ = InputBox("Write Number of The Room, That You Want To See.")
ölçüt = "roomno=" & roomno$ & ""
Data1.Recordset.FindFirst ölçüt
a = 7
Do While a = 7

a = MsgBox("Is It Free Room Number ? ", vbYesNoCancel, "Situation of The Room")
If a = 7 Then
    Data1.Recordset.FindNext ölçüt
    Z = MsgBox("Sorry ! We Have No Empty Room In This Hotel Records. You Are
Going to Currently Out.", vbOK, "Situation of The Room")
End
End If
If a = 6 Then
    Unload Me
    Form3.Show
    Form3.Command4.Visible = False
    Form3.Data1.Recordset.AddNew
End If
Loop

```

End Sub

Private Sub Command2\_Click()

Form2.Show

Unload Me

End Sub

Private Sub Form\_Load()

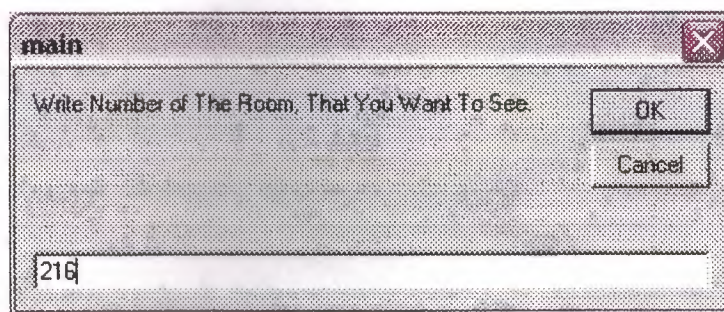
Command2.Caption = "Return Menu"

Command1.Caption = "A S K"

Form4.Caption = "Room Available "

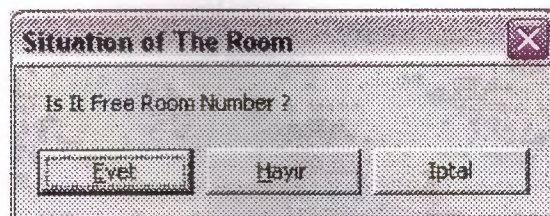
End Sub

**ASK :** This command button open a new message window to ask the room number that the user want to see (Picture 1.7).



**Picture 1.7**

If it found the room number, HMS Program gives a new message box, about the "Is It Free Room Number ?" (Picture 1.8)..

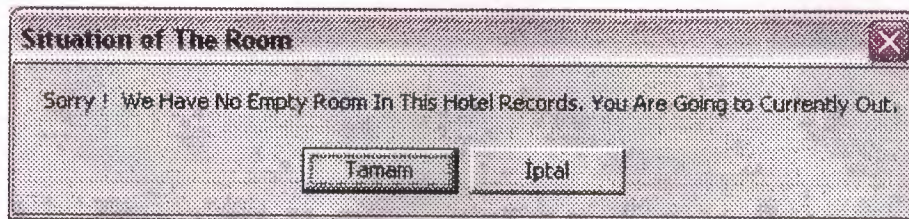


**Picture 1.8**

If the user's answer is "Cancel", the program will ask ones more. If the user's answer is "Yes", The HMS Program will open the *New Customer Entry* window to enter the record. If the answer is "No", The HMS Program will shut down the itself by



showing the Picture 1.9. It means there are no any empty room, so it can not record any customer entry.



**Picture 1.9**

**Return Menu:** It is linked to the *Main Menu* of The HMS Program.

### **Room Occupied**

Every program has to show the records that have. According to this information I have prepared a *Room Occupied* window on The HMS Program. On this window, the program shows the all details of a record (Picture 1.10). Its all action similar to the *New Customer Entry* but this window does not appear the same options. First of all this window shows the all record that the user wants to see. And the second difference is the text box and other input types (as Combo) on this window could not enable to change the records. It does not allow the user to change. Its aim is just to see the records that the program has.

There are two command buttons on the window to make connection the overwritten. The Room Available button has the connection link to the Room Available window of the HMS Program to activate this window on the screen. The Cancel button has the connection link to the main window of the HMS Program. If the user has been choose the Cancel button of the Room Occupied window, it will meet with the message box to warning. (See Picture 1.12)



New Customer Entry

## Hotel Management System

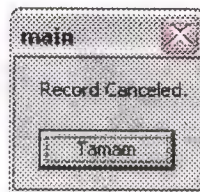
*Room Occupied*

Name and Surname :	<input type="text" value="volkan kides"/>	Nationality :	<input type="text" value="turkish"/>
Date of arrival :	<input type="text" value="12.12.2002"/> dd.mm.yy	Religion :	<input type="text" value="muslim"/>
Passport or ID Number :	<input type="text" value="123456"/>	Car Ser. & Board :	<input type="text" value="yes"/>
Age :	<input type="text" value="23"/>	Room Type :	<input type="text" value="Mountain"/>
Occupation :	<input type="text" value="student"/>	Room No & Cap. :	<input type="text" value="215"/> <input type="text" value="2"/>
Today's Date :	<input type="text" value="17.12.2002"/> <input type="text" value="14.01.2003"/>	Room Service :	<input type="text" value="yes"/>
Permanent Address :	<input type="text" value="pendenisi"/>	Kind of Payment :	<input type="text" value="Cash"/>
Sex of Customer :	<input type="text" value="male"/>	Attended by :	<input type="text" value="ekan"/>

Scanned by

Partner No :	<input type="text" value="0"/>	Age :	<input type="text" value="0"/>	<input type="button" value="Room Available"/>
Children No :	<input type="text" value="0"/>	Age :	<input type="text" value="0"/>	
Date of Departure :	<input type="text" value="18.12.2002"/> dd.mm.yy	<input type="button" value="Cancel"/>		
				<input type="button" value="Find Customer"/>

Picture 1.10



Picture 1.12

```

Private Sub Command1_Click()
Data1.Recordset.AddNew
MsgBox "Record Saved."
Unload Me
Form2.Show
End Sub

Private Sub Command2_Click()
Form4.Show
End Sub

Private Sub Command3_Click()
Data1.Recordset.Edit
Data1.Recordset.CancelUpdate
Form2.Show

```

MsgBox "Record Canceled."

Unload Me

End Sub

Private Sub Command4\_Click()

namesurname\$ = InputBox(" Write Name and Surname of The Customer, That You  
Want To Check.")

ölçüt = "namesurname=" & namesurname\$ & ""

Data1.Recordset.FindFirst ölçüt

a = 7

Do While a = 7

a = MsgBox("Have You Find The Searching Record About Customer ? ",  
vbYesNoCancel, "Details of The Customer")

    If a = 7 Then

        Data1.Recordset.FindNext ölçüt

    End If

Loop

End Sub

Private Sub Image3\_Click()

iskenderun = MsgBox("The Options Are: HalfBoard and FullBoard. ", vbInformation,  
"Options of the Board Kind")

End Sub

Private Sub Image7\_Click()

iskenderun = MsgBox("The Options Are: King Room, Sea, Mountain,Swimming Pool  
and Standard. ", vbInformation, "Options of the Room Kind")

End Sub

Private Sub Timer1\_Timer()

Label24.Caption = Date

End Sub



## **Account**

All of the companies establishes for earning the money or make more money for its wealth. This came from the first people in the world as we known. This is necessary to live, today and next. For this reason, every companies should calculate the account of itself. According to this information, the HMS Program is calculate the customers account from given information. It is shows the all expenses of the customer. For example : if the customer use the telephone of the hotel by using the central, it will shown in the Tel. Bill area, and also if the customer use the casino the casino account will be shown in the Casino area. For example : the costumer has the dinner in the restaurant of the hotel, the Restaurant window ask the costumer as "Do you want to add the restaurant account to the general account ?". If the costumer says yes, the HMS Program will automatically add the restaurant account calculation to the general account.

**Customer Name:** This area is used for know, which customer is active.

**Tel. Bill:** The customer's total telephone bills.

**Bar Bill:** The customer's total bar bills.

**Restaurant Bill:** The customer's total restaurant bills. This information come from Restaurant window. This window calculate the account and ask the account of the restaurant, to the customer. If the customer do not want to pay it at that time, the HMS Program will automatically calculate and add this restaurant account to the general account of that customer.

**Casino Bill:** The customer's total casino bills.

**Total of Services:** This area shows the addition of all the bills ( as Tel. Bill + Bar Bill + Restaurant Bill + Casino Bill).



**Room Service:** If the Room Service is “yes” or “ok” the HMS Program will automatically add the 100\$ to the related text box.

**Car Service:** If the Car Service is “yes” or “ok” the HMS Program will automatically add the 100\$ to the related text box.

**Daily Amount:** Daily amount, field allows the user to enter the price of the hotel for a day.

**Staying Day(s) Period:** This field is refers to the customers’ staying days in the hotel. This period is necessary to calculate the paying of customer.

**Total Invoice:** Total invoice, is calculation all of the bills and services. And the customer has to obey and pay this account to the hotel.

**Count No:** Count no, for give a number to the customer.

And also some command buttons are used for make it easier to access the following actions.

**Customer:** Customer button for finding the costumer where user wants to make that report active.

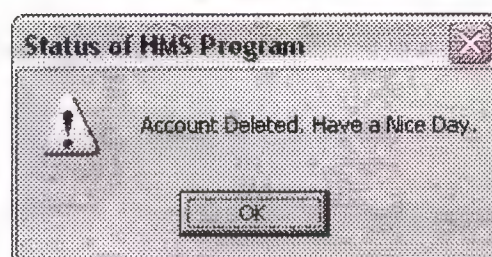
**Calculate:** Calculate button calculate the all of the bills and also services (as Tel. Bill + Bar Bill + Restaurant Bill + Casino Bill + Room Services + Car Services + (Daily Amount \* Staying Day Period)). And after this calculation, the calculate buttons shows the result on the Total Invoice label.

**Return Menu:** It is linked to the main window of the HMS Program.

**OK:** If the customer wants to leave the hotel, the user has to click on this button. Because, this button delete the customer records from The HMS Program. If the user

clicked to the OK button, it will show the “Account Deleted, Have a Nice Day.” Message. (See Picture 1,11)

Picture 1,12



Picture 1,11

```
Private Sub Command1_Click()
Dim v, k As Integer
Y = Data1.Recordset.AbsolutePosition
k = Y
k = k + 1
Label19.Caption = k
```



```
Label15.Caption = Val(Text1.Text) + Val(Text2.Text) + Val(Text3.Text) +  
Val(Text4.Text)
```

```
Label18.Caption = Val(Text1.Text) + Val(Text2.Text) + Val(Text3.Text) +  
Val(Text4.Text) + Val(Text6.Text) + Val(Text7.Text) + (Val(Text8.Text) *  
Val(Text5.Text))
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
Unload Me
```

```
Form2.Show
```

```
End Sub
```

```
Private Sub Command3_Click()
```

```
vkeles = MsgBox("Account Deleted. Have a Nice Day.", 48, "Status of HMS Program")
```

```
Data1.Recordset.Delete
```

```
Unload Me
```

```
Form2.Show
```

```
End Sub
```

```
Private Sub Command4_Click()
```

```
namesurname$ = InputBox("Customer Name & Surname")
```

```
ölçüt = "namesurname='" & namesurname$ & "'"
```

```
Data1.Recordset.FindFirst ölçüt
```

```
a = 7
```

```
Do While a = 7
```

```
a = MsgBox("Customer OK ? ", vbYesNoCancel, "Find Customer")
```

```
    If a = 7 Then
```

```
        Data1.Recordset.FindNext ölçüt
```

```
    End If
```

```
    If a = 6 Then
```

```
        Form6.Show
```

```
    End If
```

```
Loop
```

```
End Sub
```



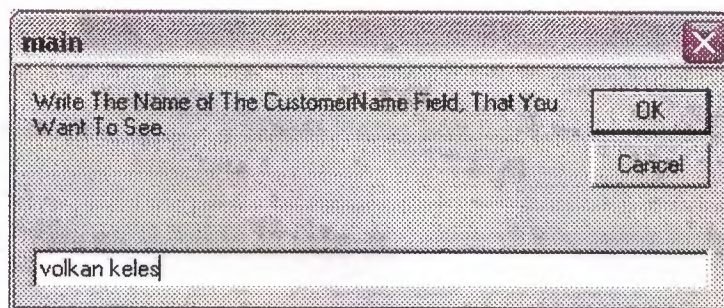
## **Searching**

The searching statement is the other most important part of the recording data on the computer or anything else, when the finding the record. The real work world is generally considers the searching statement to find the record. In this selection on the HMS Program, I would like to find the record that the user wants to see with details in this window.

There are two kind of the searching the record on the database. First one is by the "Customer Name" and the second one is by the "Passport or I.D. Number". These two are very important part of a person in the life to identify himself.

There are three command buttons on this window to access the searching record easiest.

**Customer Name:** This command prepared by me to find the record that the user wants to see details. When the user click on this button, it will see the "Write The Name of The Customer Name Field, That You Want To See." message (See Picture 1,13).

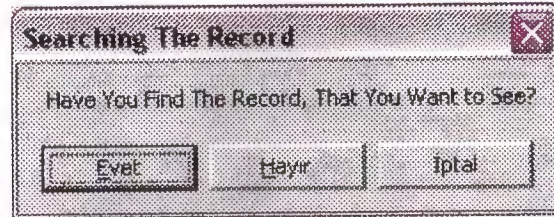


***Picture 1,13***

After writing the Customer Name field, user has to click on the OK command button. If it wants to cancel, it can choose the Cancel command button to leave.

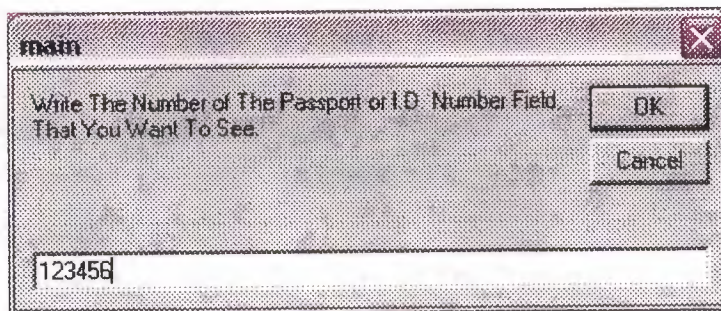
Searching statement starts searching the record. If the record is exist the program will show the details of the searching record under the "Have You Find the Record,

That You Want to See?” message of the HMS Program (See Picture 1,14 ). If the answer is “Yes” the message will automatically hide itself and shows the record details. If the answer is “No” the Searching window will continue the searching the record after the last finding record not beginning of the database. If the users answer is “Cancel”, the program will hide itself and no more searching (See Picture 1,14).



**Picture 1,14**

**Passport or I.D. Number:** This command prepared by me to find the record that the user wants to see details. When the user click on this button, it will see the “Write The Number of The Passport or I.D. Number Field, That You Want To See.” message (See Picture 1,15).



**Picture 1,15**

Its process is similar to Customer Name statement which is predefined.

**Return Menu:** This button linked to the Main Menu of The HMS Program to allow the other actions.

Other details as *Name and Surname*, *Date of Arrival* and so on, similar to the predefined labels on the *New Customer Entry* window (See Picture 1,16).



Search

## Hotel Management System

---

Customer Name

Passport or I.D. Number

---

Name and Surname : ..	Nationality : .....
Date of arrival : .....	Religion : .....
Passport or ID Number : .....	Car Service : .....
Age : .....	Room Type : .....
Occupation : .....	Room No. & Cap: .....
Permanent Address : .....	Room Service : .....
Sex of Customer : .....	Kind of Payment : .....
Date of Departure : .....	Attended by : .....

Return Menu

*Picture 1,16*

Private Sub Command1\_Click()

namesurname\$ = InputBox("Write The Name of The Customer Name Field, That You Want To See. ")

ölçüt = "namesurname=" & namesurname\$ & ""

Data1.Recordset.FindFirst ölçüt

a = 7

Do While a = 7

a = MsgBox("Have You Find The Record, That You Want to See? ", vbYesNoCancel, "Searching The Record")

If a = 7 Then

Data1.Recordset.FindNext ölçüt

End If

Loop

End Sub



```
Private Sub Command2_Click()
```

```
Unload Me
```

```
Form2.Show
```

```
End Sub
```

```
Private Sub Command3_Click()
```

```
passportORidno$ = InputBox("Write The Number of The Passport or I.D. Number  
Field, That You Want To See. ")
```

```
ölçüt = "passportORidno=" & passportORidno$ & ""
```

```
Data1.Recordset.FindFirst ölçüt
```

```
a = 7
```

```
Do While a = 7
```

```
a = MsgBox("Have You Find The Record, That You Want to See? ", vbYesNoCancel,  
"Searching The Record")
```

```
    If a = 7 Then
```

```
        Data1.Recordset.FindNext ölçüt
```

```
    End If
```

```
Loop
```

```
End Sub
```

## **Reservation**

Hotel Management System Program has a lot of forms of Microsoft Visual Basic 6.0. And when the programmer use to much forms the program going to be slowly. According to this information, I would like to prohibit this slowly programs. For this reason I have linked the *Reservation* window to the *New Customer Entry* just by using the some codes. These codes allow the access this *New Customer Entry* window, but shows different visualization in the same form of Microsoft Visual Basic 6.0. Additionally I have changed the *Save & Return* button (See Picture 1,17).

**Hotel Management System**

Customer Reservation

Name and Surname :

Nationality :

Date of arrival :  dd.mm.yy

Religion :

Passport or ID Number :

Car Ser. & Board :

Age :

Room Type :

Occupation :

Room No & Cap :

Today's Date :  14.01.2003

Room Service :

Permanent Address :

Kind of Payment :

Sex of Customer :

Attended by :

Access granted by :

Partner No :  Age :

Children No :  Age :

Date of Departure :  dd.mm.yy

Room Available

Cancel

Reserve

*Picture 1,17*

```
Private Sub acc_Click(Index As Integer)
```

```
Form6.Show
```

```
End Sub
```

```
Private Sub Command1_MouseMove(Index As Integer, Button As Integer, Shift As Integer, x As Single, Y As Single)
```

```
Command1(Index).Font.Bold = True
```

```
End Sub
```

```
Private Sub exit_Click(Index As Integer)
```

```
Form5.Show
```

```
End Sub
```

```
Private Sub Form_MouseMove(Button As Integer, Shift As Integer, x As Single, Y As Single)
```

```
For i = 1 To 11
```

```
Command1(i).Font.Bold = False
```

```
Next
```

```
End Sub
```

```
Private Sub hmsprog_Click()  
s = MsgBox("HMS Program Version 1.0", 48, "About ...")  
End Sub
```

```
Private Sub nce_Click(Index As Integer)  
Form3.Show  
Form3.Data1.Recordset.AddNew  
End Sub
```

```
Private Sub org_Click(Index As Integer)  
Form9.Show  
End Sub
```

```
Private Sub others_Click(Index As Integer)  
Form12.Show  
End Sub
```

```
Private Sub prgmer_Click()  
Unload Me  
Form13.Show  
End Sub
```

```
Private Sub print_Click(Index As Integer)  
Form11.Show  
End Sub
```

```
Private Sub ra_Click(Index As Integer)  
Form4.Show  
End Sub
```

```
Private Sub reserve_Click(Index As Integer)  
Form3.Show  
Form3.Data1.Recordset.AddNew  
Form3.Caption = "Customer Reservation"
```



```
Form3.Label27.Caption = "Reservation"
```

```
Form3.Command1.Caption = "Reserve"
```

```
Unload Me
```

```
End Sub
```

```
Private Sub rest_Click()
```

```
Form10.Show
```

```
End Sub
```

```
Private Sub ro_Click(Index As Integer)
```

```
Form3.Show
```

```
Form3.Label27.Caption = "Room Occupied"
```

```
Form3.Command1.Visible = False
```

```
Form3.Image1.Visible = False
```

```
Form3.Text1.Enabled = False
```

```
Form3.Text2.Enabled = False
```

```
Form3.Text3.Enabled = False
```

```
Form3.Text4.Enabled = False
```

```
Form3.Text5.Enabled = False (Index As Integer)
```

```
Form3.Text6.Enabled = False
```

```
Form3.Text7.Enabled = False
```

```
Form3.Text8.Enabled = False
```

```
Form3.Text9.Enabled = False
```

```
Form3.Text10.Enabled = False
```

```
Form3.Text11.Enabled = False
```

```
Form3.Text12.Enabled = False
```

```
Form3.Text13.Enabled = False
```

```
Form3.Text14.Enabled = False
```

```
Form3.Text15.Enabled = False
```

```
Form3.Text16.Enabled = False
```

```
Form3.Text17.Enabled = False
```

```
Form3.Text18.Enabled = False
```

```
Form3.Text19.Enabled = False
```

```
Form3.Text20.Enabled = False
```

Form3.Text21.Enabled = False

Form3.Text22.Enabled = False

End Sub

Private Sub ser\_Click(Index As Integer)

Form7.Show

End Sub

Private Sub Timer1\_Timer()

Label2.Caption = Date

Label3.Caption = Time

End Sub

Private Sub Timer2\_Timer()

Label4.Caption = Right(Label4.Caption, Len(Label4.Caption) - 1) +

Left(Label4.Caption, 1)

End Sub

Private Sub Command1\_Click(Index As Integer)

If Index = 1 Then

Form3.Show

Form3.Command4.Visible = False

Form3.Data1.Recordset.AddNew

Unload Me

End If

If Index = 2 Then

Form4.Show

Unload Me

End If

If Index = 3 Then

Form3.Show

Form3.Label27.Caption = "Room Occupied"

```
Form3.Command1.Visible = False
Form3.Command4.Visible = True
Form3.Image1.Visible = False
Form3.Text1.Enabled = False
Form3.Text2.Enabled = False
Form3.Text3.Enabled = False
Form3.Text4.Enabled = False
Form3.Text5.Enabled = False
Form3.Text6.Enabled = False
Form3.Text7.Enabled = False
Form3.Text8.Enabled = False
Form3.Text9.Enabled = False
Form3.Text10.Enabled = False
Form3.Text11.Enabled = False
Form3.Text12.Enabled = False
Form3.Text13.Enabled = False
Form3.Text14.Enabled = False
Form3.Text15.Enabled = False
Form3.Text16.Enabled = False
Form3.Text23.Enabled = False
Form3.Combo1.Enabled = False
Form3.Combo2.Enabled = False
Form3.Text18.Enabled = False
Form3.Text20.Enabled = False
Form3.Text21.Enabled = False
Form3.Text22.Enabled = False
Unload Me
End If
```

```
Form1.Visible = True
If Index = 4 Then
    Form6.Show
    Unload Me
End If
```



If Index = 5 Then

Form7.Show

Unload Me

End If

If Index = 6 Then

Form3.Show

Form3.Command4.Visible = False

Form3.Data1.Recordset.AddNew

Form3.Caption = "Customer Reservation"

Form3.Label27.Caption = "Reservation"

Form3.Command1.Caption = "Reserve"

Unload Me

End If

If Index = 7 Then

Form9.Data1.Recordset.AddNew

Form9.Show

Unload Me

End If

If Index = 8 Then

Form10.Show

Form10.Data1.Recordset.AddNew

Unload Me

End If

If Index = 9 Then

Form11.Show

Unload Me

End If

If Index = 10 Then

Form12.Show



Unload Me

End If

If Index = 11 Then

Unload Me

Form5.Show

End If

End Sub

## Organization

This window is used for conference taking, travel and special days. It has three selection on it. First one is *Conference Taken by...*, and second *Travel Agency*, and the finally *Special Days* (See Picture 1, 18). It has two command buttons for the first click.

These command buttons are:

**Customer:** It is using to find the customer that the user wants to make it active for all details.

**Return Menu:** It is the link to the Main Menu of the HMS Program.

Organization

### Hotel Management System

Organization

Conference Taken by... Travel Agency Special Days

Name and Surname ..... volkan keles

Customer Return Menu

*Picture 1,18*



There are three labels on the *Organization* window. These labels are:

**Conference Taken by. :** This label is shows the detail of the customer, which is in the records. It include the *Name And Surname, Conference Date and Time, Duration of Conference, Needed of Conference, Last Day of the Payment and Taken Money for the Conference* (See Picture 1,19).

- **Name and Surname:** This field is related with the customers' name in the HMS Program.
- **Conference Date and Time:** This field necessary to reserve the conference room to the reserved customer.
- **Duration of Conference:** This field is also important for the duration of the conference to set the another conferences in the same day.
- **Needed of Conference:** This field prepared to make help to the speaker.
- **Last Day of the Payment:** This field shows the customers' interest for the reservation of the conference room.
- **Taken Money for the Conference:** If the customer paid a little part of the conference amount, it will shown in this field.

The screenshot shows a window titled "Organization" with a pink header bar containing the text "Hotel Management System". Below the header, there is a form with a table-like structure. The table has three columns: "Conference Taken by.", "Travel Agency", and "Special Days". The "Conference Taken by." column contains several rows of input fields with labels: "Name and Surname : .....", "Conference Date & Time : .....", "Duration of Conference : .....", "Needed of Conference : .....", "Last Day of The Payment : .....", and "Taken Money for The Conf : ..". The "Travel Agency" and "Special Days" columns are empty. At the bottom of the window, there are two buttons: "Customer" on the left and "Return Menu" on the right.

*Picture 1,19*



**Travel Agency:** This label is shows the detail of the travel agency, which is in the records. It include the *Name And Surname*, *Room Number*, *Phone*, *City Travel*, *Arrival place*, *Cost*, *Travel*, *Arrival Place* and *Date and Time* (See Picture 1,20).

- **Name and Surname:** This field is related with the customers' name in the HMS Program.
- **Room Number:** Room number is also related with the customers' room number if the customer staying in the hotel.
- **Phone:** This field is necessary to knowing to customer about the possible changing on the time or the date of the conference.
- **City Travel:** There is a combo box under the City Travel title in the window. It is allow the user choose the one of the listing items whose are *City*, *Outside City* and *Beach*.
- **Arrival Time:** Arrival time to the traveling place.
- **Cost:** It is necessary to know the, how much customer paid for the travel before the travel.
- **Travel:** Travel also has a combo box to give the list of the travel kinds, whose are *Plane*, *Ship*, *Bus* and *Train*.
- **Arrival Place:** It is necessary to, where the customer wants to go.
- **Date and Time:** It is necessary to the reserve the ticket of the chosen travel kind.

Organization

# Hotel Management System

Organization

Conference Taken by | Travel Agency | **Special Days**

Name and Surname :... Room Number : Phone :

City Travel Travel

Arrival Place :... Date & Time

Cost

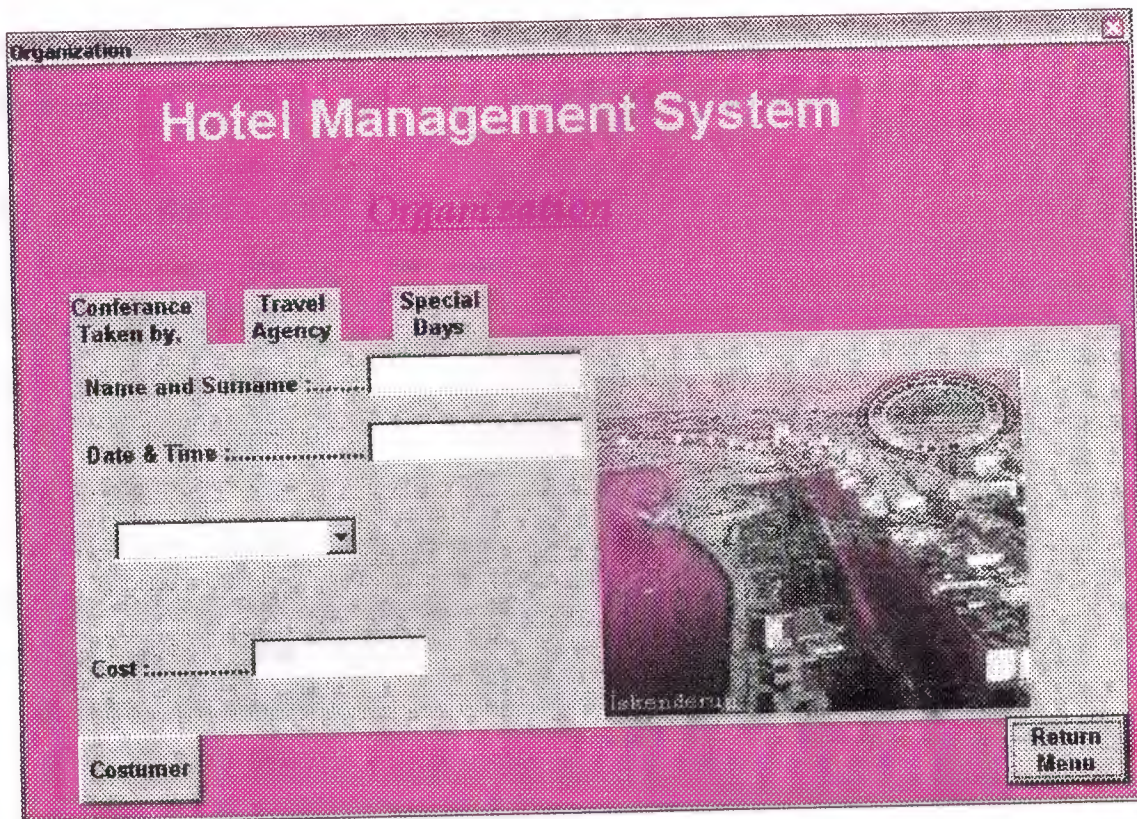
Customer Return Menu

Picture 1,20

**Special Days:** This label is shows the detail of the special days, which is in the records. It includes the *Name And Surname*, *Date and Time*, *cost* and one combo box (See Picture 1,21).

- **Name and Surname:** This field is related with the customers' name in the HMS Program.
- **Date and Time:** This field is important for the reserve the special days room to the customer at given date and time.
- **Cost:** This field shows the customers paid amount for the special day room.
- **A Combo Box:** It is include the three selection for the customer. These are *Wedding Ceremony*, *Dinner* and *Entertainment*.





Picture 1,21

```
Private Sub Command1_Click()
```

```
Data1.Recordset.Edit
```

```
Form2.Show
```

```
Unload Me
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
namesurname$ = InputBox("Write The Name of The CustomerName Field, That You  
Want To See. ")
```

```
ölçüt = "namesurname=" & namesurname$ & ""
```

```
Data1.Recordset.FindFirst ölçüt
```

```
a = 7
```

```
Do While a = 7
```

```
a = MsgBox("Have You Find The Record, That You Want to See? ", vbYesNoCancel,  
"Searching The Record")
```

```
If a = 7 Then
```

```
Data1.Recordset.FindNext ölçüt
```

```
End If
```



Loop

End Sub

Private Sub Form\_Load()

Label24.Visible = False

Label25.Visible = False

Label26.Visible = False

Label2.Visible = False

Label3.Visible = False

Label6.Visible = False

Label7.Visible = False

Label8.Visible = False

Label10.Visible = False

Label11.Visible = False

Label12.Visible = False

Label13.Visible = False

Label14.Visible = False

Label15.Visible = False

Label16.Visible = False

Label17.Visible = False

Label19.Visible = False

Label20.Visible = False

Combo1.Visible = False

Combo2.Visible = False

Combo3.Visible = False

Image1.Visible = False

Text2.Visible = False

Text3.Visible = False

Text4.Visible = False

Text5.Visible = False

Text6.Visible = False

Text7.Visible = False

Text8.Visible = False

Text9.Visible = False

```
Text10.Visible = False
Text11.Visible = False
Text12.Visible = False
Text13.Visible = False
Text14.Visible = False
End Sub
```

```
Private Sub Label21_Click()
```

```
Label24.Visible = True
Label25.Visible = False
Label26.Visible = False
Label2.Visible = True
Label3.Visible = True
Label6.Visible = True
Label7.Visible = True
Label8.Visible = True
Label25.Visible = False
Label10.Visible = False
Label11.Visible = False
Label12.Visible = False
Label13.Visible = False
Label14.Visible = False
Label15.Visible = False
Label16.Visible = False
Label17.Visible = False
Label19.Visible = False
Label20.Visible = False
Image1.Visible = False
Combo1.Visible = False
Combo2.Visible = False
Combo3.Visible = False
Text2.Visible = True
Text3.Visible = True
Text4.Visible = True
```

```
Text5.Visible = True
Text6.Visible = True
Text7.Visible = False
Text8.Visible = False
Text9.Visible = False
Text10.Visible = False
Text11.Visible = False
Text12.Visible = False
Text13.Visible = False
Text14.Visible = False
End Sub
```

```
Private Sub Label22_Click()
```

```
Label25.Visible = True
Label24.Visible = True
Label26.Visible = False
Combo1.Visible = True
Combo2.Visible = True
Combo3.Visible = False
Label2.Visible = False
Label3.Visible = False
Label6.Visible = False
Label7.Visible = False
Label8.Visible = False
Label10.Visible = True
Label11.Visible = True
Label12.Visible = True
Label13.Visible = True
Label14.Visible = True
Label15.Visible = True
Label16.Visible = True
Label17.Visible = True
Label19.Visible = False
Label20.Visible = False
```



```
Image1.Visible = False
Text2.Visible = False
Text3.Visible = False
Text4.Visible = False
Text5.Visible = False
Text6.Visible = False
Text7.Visible = True
Text8.Visible = True
Text9.Visible = True
Text10.Visible = True
Text11.Visible = True
Text12.Visible = True
Text13.Visible = False
Text14.Visible = False
End Sub
```

```
Private Sub Label23_Click()
```

```
Label25.Visible = False
Label26.Visible = True
Label24.Visible = False
Combo1.Visible = False
Combo2.Visible = False
Combo3.Visible = True
Label2.Visible = False
Label3.Visible = False
Label6.Visible = False
Label7.Visible = False
Label8.Visible = False
Label25.Visible = False
Label10.Visible = False
Label11.Visible = False
Label12.Visible = False
Label13.Visible = False
Label14.Visible = False
```

Label15.Visible = False  
Label16.Visible = False  
Label17.Visible = False  
Label19.Visible = True  
Label20.Visible = True  
Image1.Visible = True  
Text2.Visible = False  
Text3.Visible = False  
Text4.Visible = False  
Text5.Visible = False  
Text6.Visible = False  
Text7.Visible = False  
Text8.Visible = False  
Text9.Visible = False  
Text10.Visible = False  
Text11.Visible = False  
Text12.Visible = False  
Text13.Visible = True  
Text14.Visible = True  
End Sub

## **Restaurant**

Restaurant is the another service of the HMS Program that has. This has thought for the comfort of the customers. It is include the *Customer Name and Surname*, *Meal*, *Drinks*, *No Alcohol*, *Alcohol* and *Restaurant Bill*. And also include four command buttons, as *Customer*, *Calculate*, *Add Account* and *Return Menu*.

- **Customer Name and Surname:** This field related with the customers' name in the HMS Program.
- **Meal:** Customers' eating. Which kind of meal or how much the meal.

- **Drinks:** Customers' drinking. Which kind of drinks or how much the its cost.
- **No Alcohol:** The cost of the customers' drinking without alcohol.
- **Alcohol:** The cost of the customers' drinking with alcohol.
- **Restaurant Bill:** This field is calculate the total of the Meal, Drinks, No Alcohol and Alcohols that the customer has to pay amount.

Restaurant window also include the four command buttons inside.

**Customer:** This button prepared to make help to the user to find the customer. After finding the customer the record will be activate and shows the account calculations according to the given services.

**Calculate:** This button is calculate the all of the meal, drinks, no alcohol and also alcohols and shows the restaurant bill account under the Restaurant Bill label.

**Add Account:** This command button allows to user for add the restaurant account to the general account. If the customer does not want to pay at that time, the account will added to the general account.

**Return Menu:** It is used to give a link to the main menu.



Picture 1,22

```
Private Sub Command1_Click()
Form10.Data1.Recordset.Edit
Unload Me
End Sub
```

```
Private Sub Command2_Click()
Unload Me
Form2.Show
End Sub
```

```
Private Sub Command3_Click()
Text5.Text = Val(Text1.Text) + Val(Text2.Text) + Val(Text3.Text) + Val(Text4.Text)
End Sub
```

```
Private Sub Command4_Click()
namesurname$ = InputBox("Write The Name of The Customer Name Field, That You
Want To See. ")
ölçüt = "namesurname=" & namesurname$ & ""
Data1.Recordset.FindFirst ölçüt
```

a = 7

Do While a = 7

a = MsgBox("Have You Find The Record, That You Want to See? ", vbYesNoCancel,  
"Searching The Record")

If a = 7 Then

Data1.Recordset.FindNext ölçüt

End If

Loop

End Sub

### **Print**

This Print window using for the give all of the customers' details (See Picture 1,23).



***Picture 1,23***

The customers' some details shown in the *Picture 1,24* below.



**HOTEL MANAGEMENT SYSTEM**

Name & Sur.	Arrival Date	Pasport or ID	Leaving Date	Nationality	Religion	Attended by	Room
volkan keles	12.12.2002	123456	19.12.2002	turkish	muslim	okan	216
abdurrahman keleş	11.12.2002	123456789	21.12.2002	Turkish	Muslim	volkan	111
ugur duzguner	10.11.2002	4521	10.12.2003	Turkish	Muslim	okan	411
murat özcan	22.12.2002	159159	25.12.2002	Turkish	Muslim	Mustafa ERBİL	55
Kismet KELEŞ	01.01.2003	123456	31.01.2003	Turkish	Muslim	Burcu KELEŞ	12
selçuk gıkoğlu	25.12.2001	123546	25.12.2002	tc	müslim	volkan keleş	333
harun uslu	12.12.2002	55555555	01.01.2003	turkish	muslim	volkan keles	313

*Picture 1,24*

```
Private Sub Command1_Click()
DataReport1.Show
End Sub
```

```
Private Sub Command3_Click()
Unload Me
Form2.Show
End Sub
```

### Others

This window will be helpful to the user to access the some more usable links. Its aim is make the access easiest from the HMS Program (See Picture 1,25).





Picture 1,25

```
Private Sub Image1_Click()
```

```
Unload Me
```

```
Form2.Show
```

```
End Sub
```

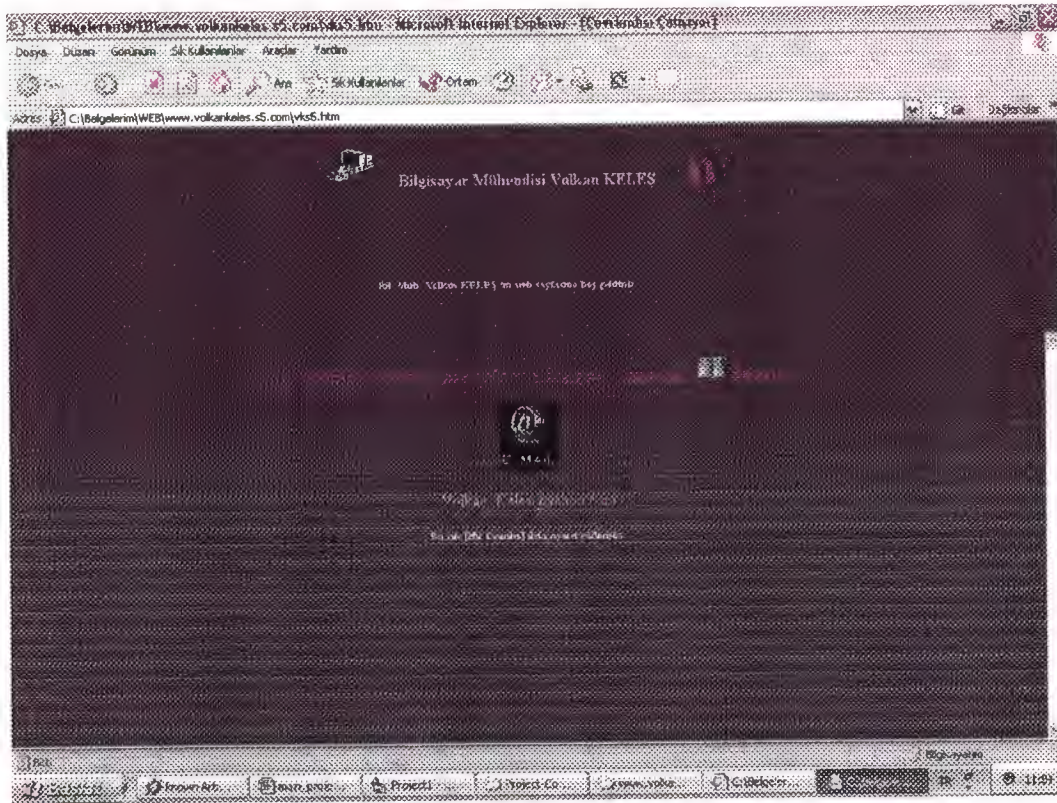
```
Private Sub Image2_Click()
```

```
Shell ("C:\Program Files\Internet Explorer\IEXPLORE.EXE"), vbMaximizedFocus
```

```
End Sub
```

*"It is linked to the internet connection (See Picture 1,26)"*





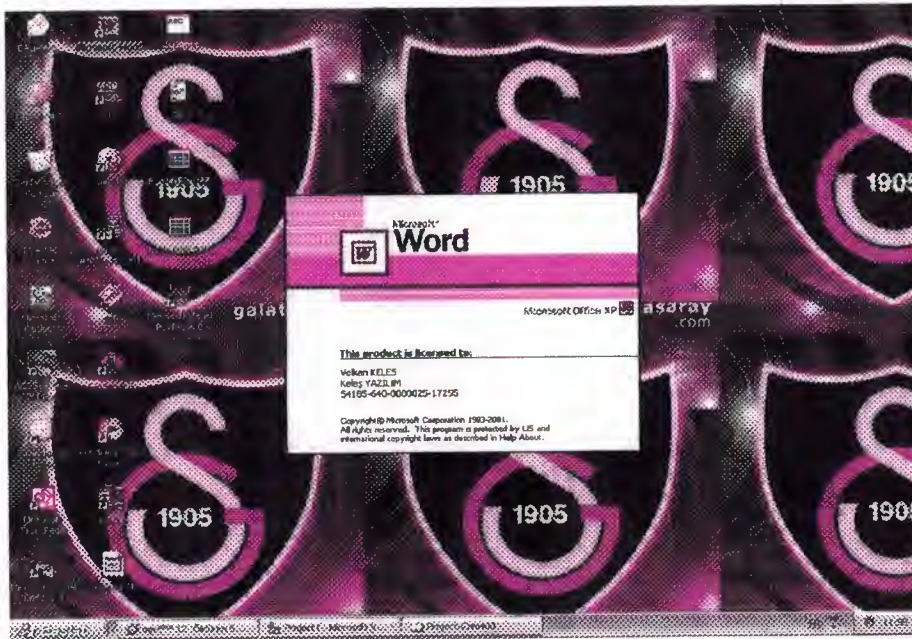
Picture 1,26

Private Sub Label3\_Click()

Shell ("C:\Program Files\Microsoft Office\Office10\winword.exe"), vbMaximizedFocus

End Sub

*"It is linked to the word (See Picture 1,27)"*



Picture 1,27

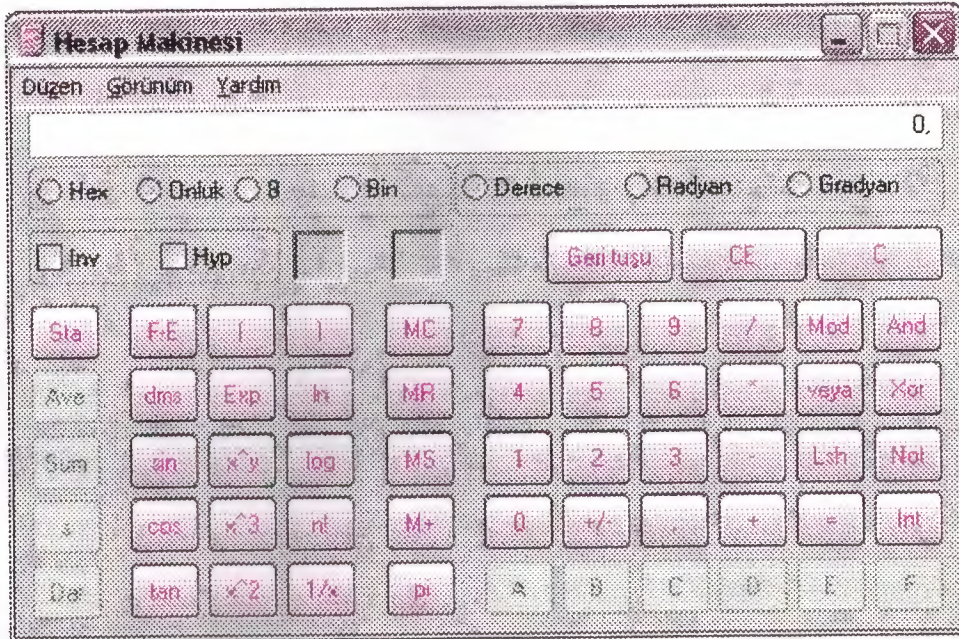


Private Sub Label6\_Click()

Shell ("C:\winxp\System32\calc.exe"), vbMaximizedFocus

End Sub

*"It is linked to the calculator of the MS Windows (See Picture 1,28)"*



**Picture 1,28**

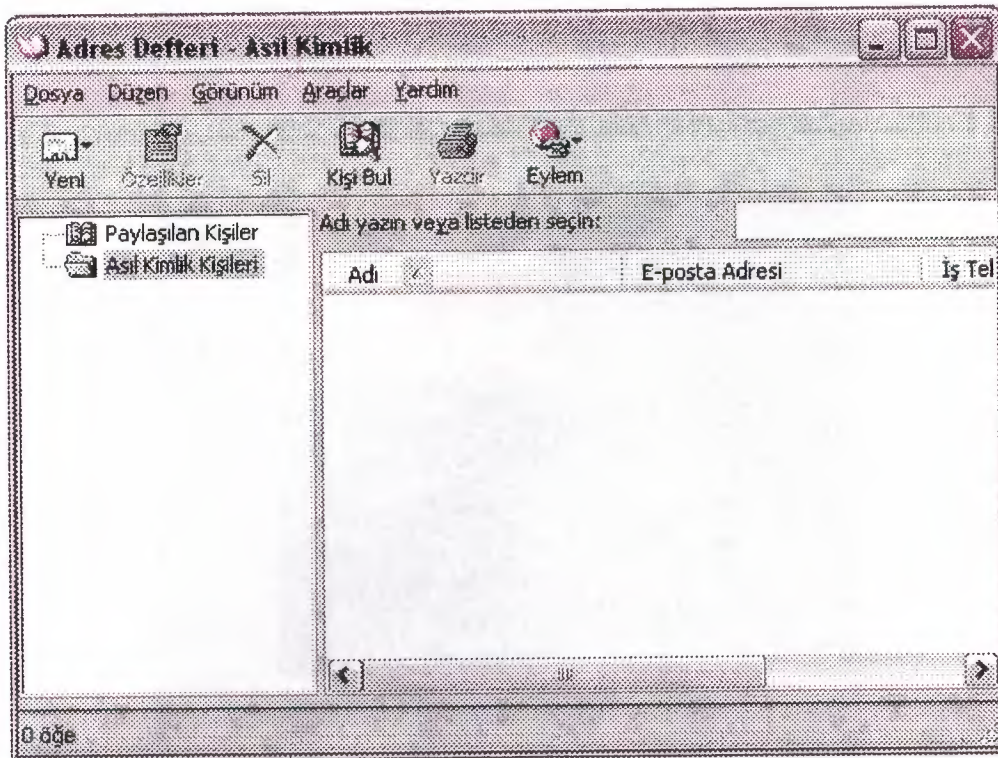
Private Sub Label10\_Click()

Shell ("C:\Program Files\Outlook Express\wab.exe"), vbMaximizedFocus

End Sub

*"It is linked to the calendar (See Picture 1,29)"*





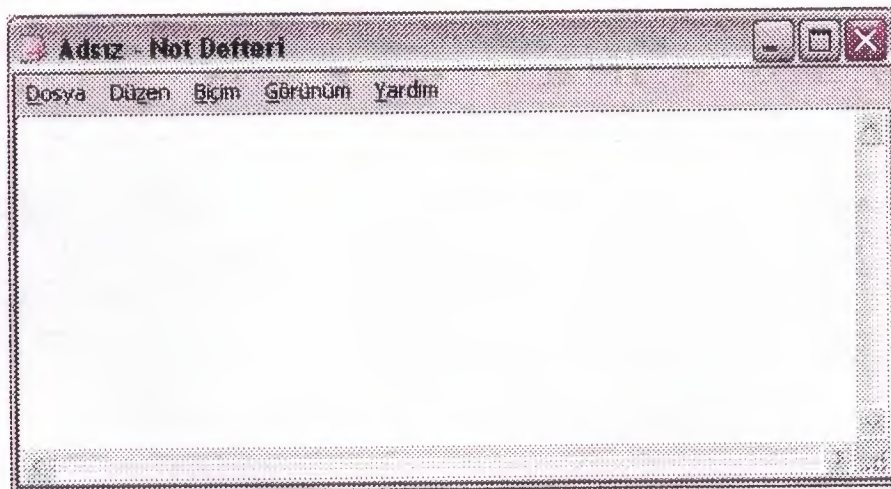
**Picture 1,29**

Private Sub Label7\_Click()

Shell ("C:\winxp\notepad.exe"), vbNormalFocus

End Sub

*"It is linked to the notepad of the MS Windows (See Picture 1,30)"*



**Picture 1,30**

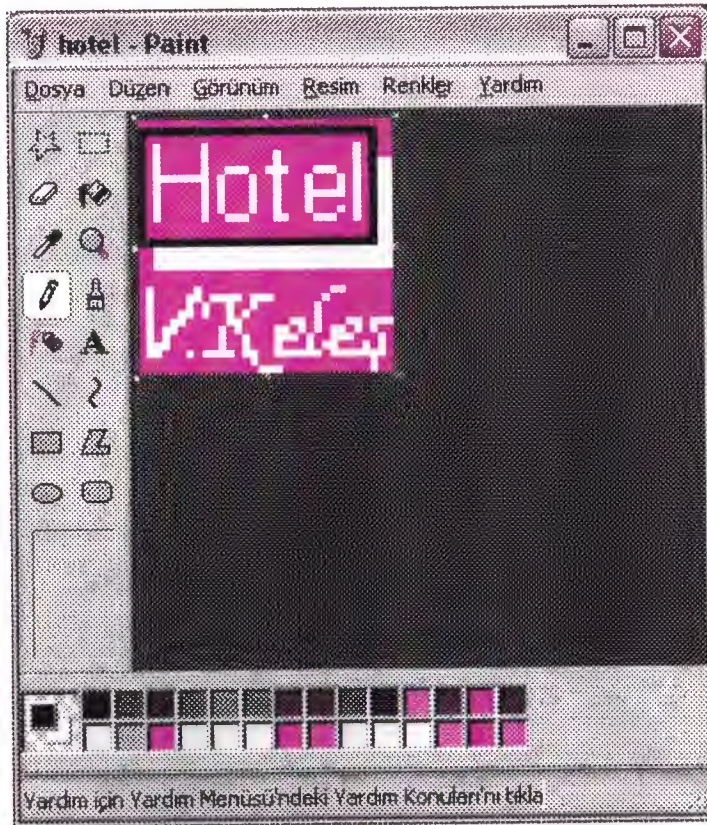
Private Sub Label8\_Click()

Shell ("C:\winxp\System32\mspaint.exe"), vbMaximizedFocus

End Sub

*"It is linked to the paint of the MS Windows (See Picture 1,31)"*





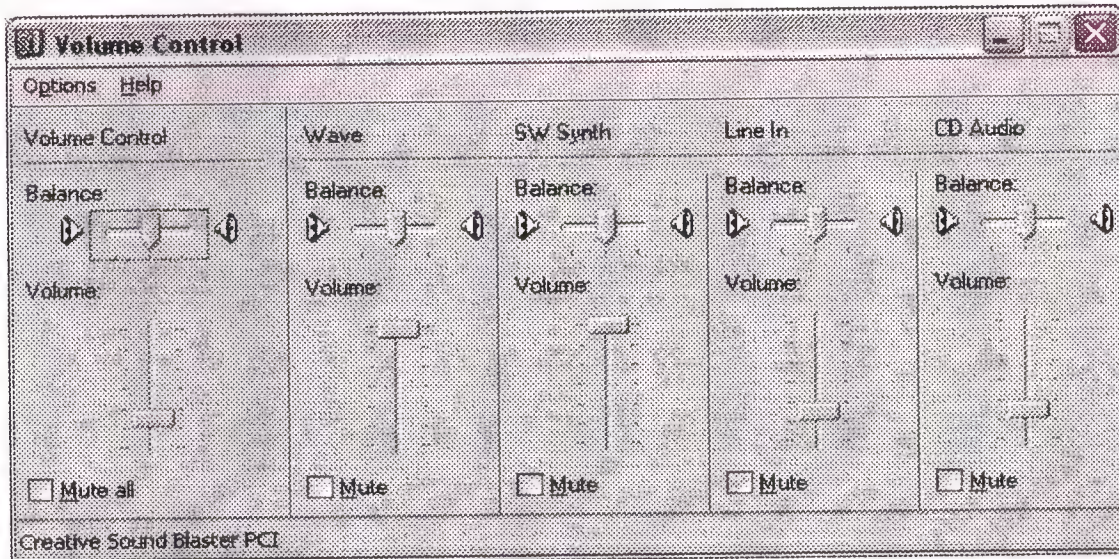
Picture 1,31

Private Sub Label9\_Click()

Shell ("c:\winxp\system32\sndvol32.exe"), vbNormalFocus

End Sub

*"It is linked to the sound control unit of the MS Windows (See Picture 1,32)"*



Picture 1,32



Private Sub Image4\_Click()

Shell ("C:\Program Files\Outlook Express\wab.exe"), vbMaximizedFocus

End Sub

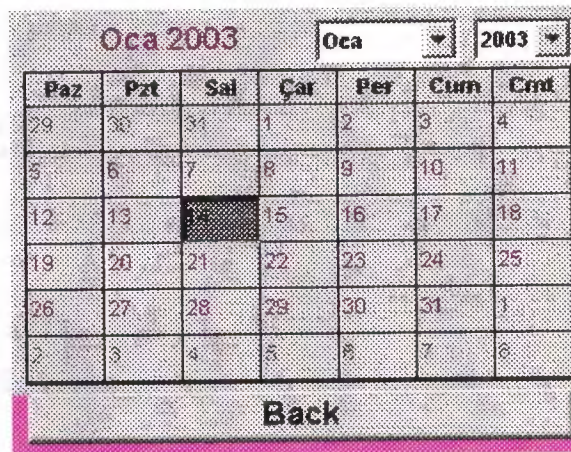
*"It is linked to the address book (See Picture 1,29)"*

Private Sub Label12\_Click()

Form14.Show

End Sub

*"It is linked to the calendar (See Picture 1,33)"*



Oca 2003						
Paz	Pzt	Sal	Car	Per	Curn	Crnt
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

Back

*Picture 1,33*

Private Sub Label11\_Click()

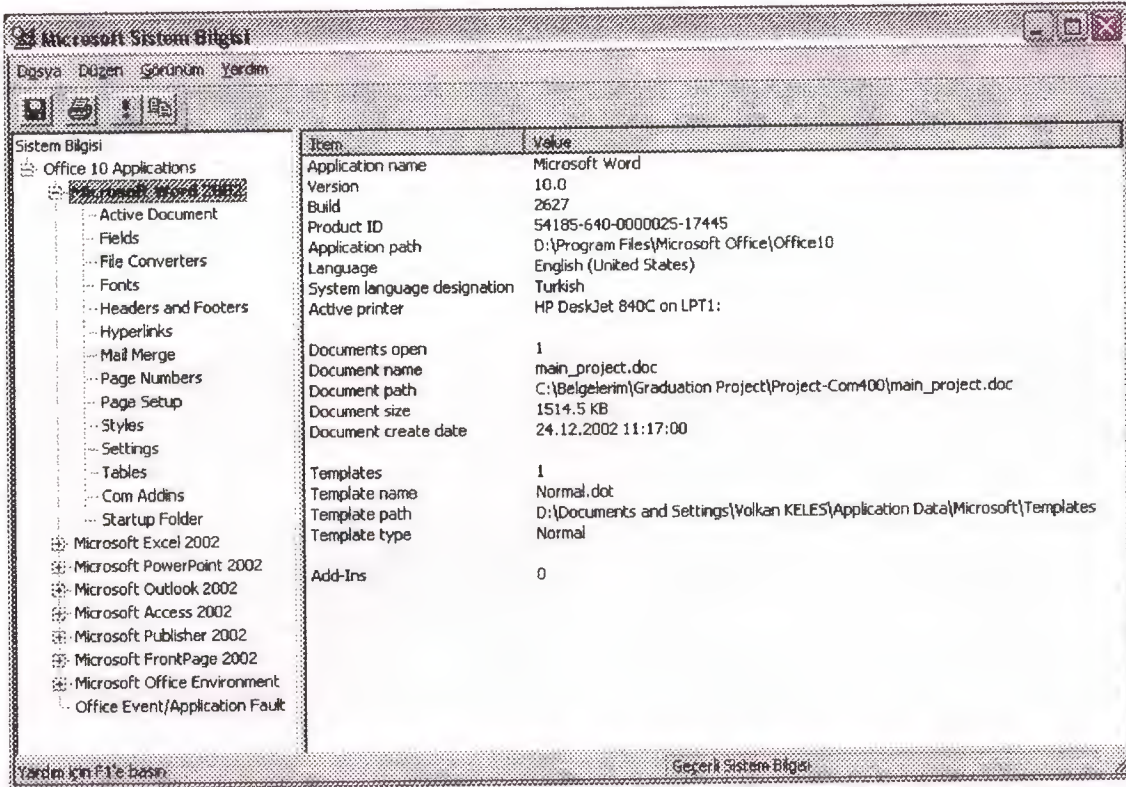
Shell ("C:\Program Files\Common Files\Microsoft Shared\MSINFO\msinfo32.exe"),

vbNormalFocus

End Sub

*"It is linked to the system of the computer operating system (See Picture 1,34)"*





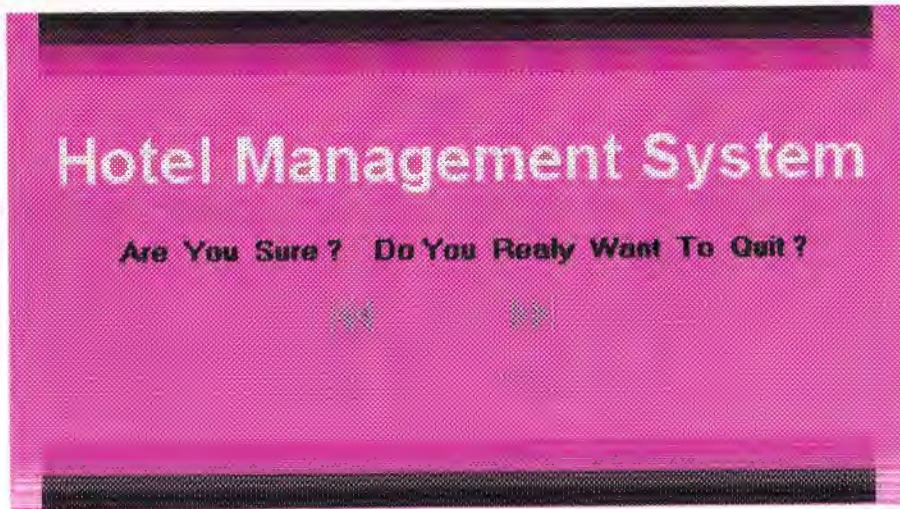
**Picture 1,34**

Private Sub Word\_Click()

Shell ("C:\Program Files\Microsoft Office\Office10\winword.exe"), vbMaximizedFocus

End Sub

*"It is linked to the word (See Picture 1,27)"*



**Picture 1,35**

Private Sub Image1\_Click()

Form8.Show

End Sub



♥C■0■  
Private Sub Image2\_Click()

Form2.Show

Unload Me

End Sub



*Picture 1,36*

Private Sub Timer1\_Timer()

End

End Sub

## CHAPTER 2

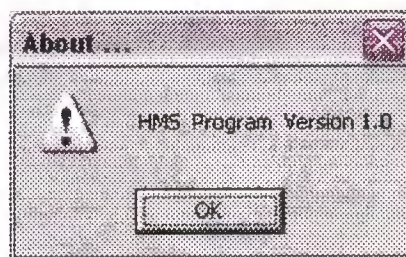
### Menu Editor of the MVB 6.0

This editor prepared by me to make different access to the main window's commands on the top of the main menu.

It is divided to two parts. These are *File* and *About*. *File* statement has the same command with the main window of the HMS Program. But the *About* Statement has different links. These links are *Programmer* and *HMS Program*. There is a animate in the Programmer window. (See Picture 1.37 and 1.38).



*Picture 1,37*



*Picture 1,38*

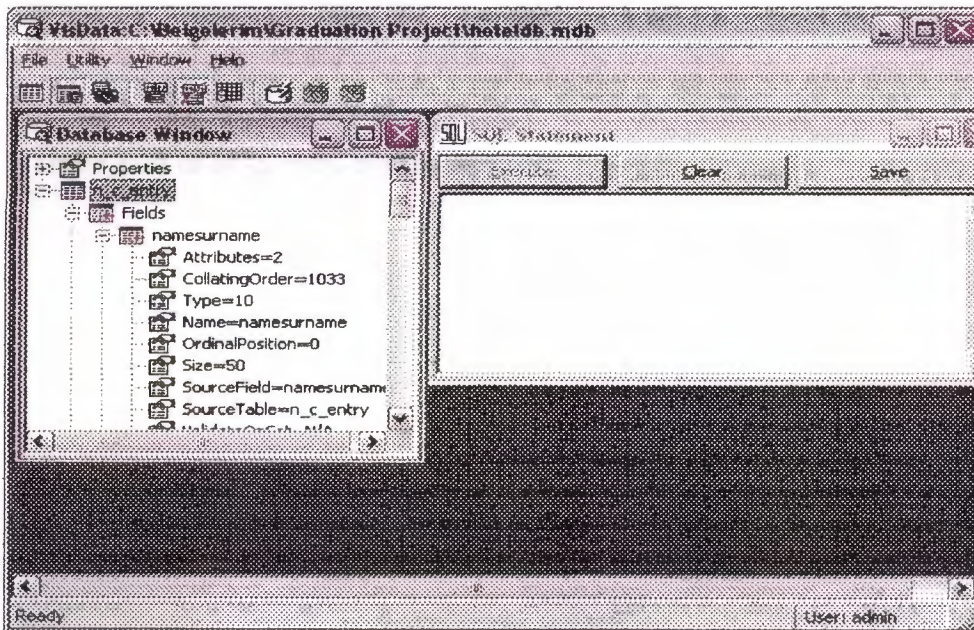


## CHAPTER 3

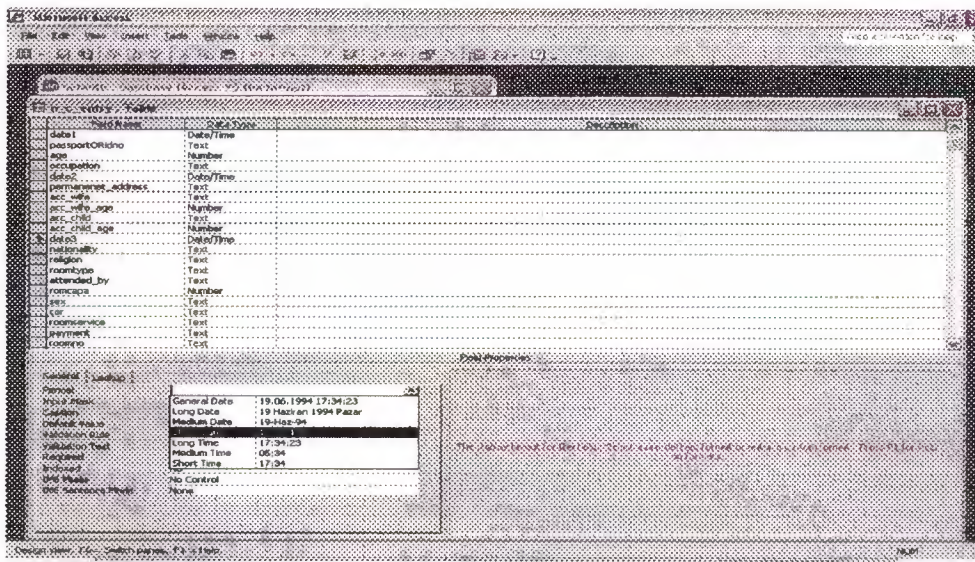
### Database

This is the using database in the HMS Program by using VisData on the MVB 6.0. All of the commands giving from the visual area to the all text boxes, combo boxes, labels etc (See Picture 1.39).

The all changes are allowed by VisData itself and also Microsoft Access (See Picture 1.40).



Picture 1.39



Picture 1.40

## CONCLUSION

This project obtain me to increase my knowledge about Microsoft Visual Basic and thinking complexly with solutions to some specific and complex cases of the information flow when writing and developing program on the computers as software. Before I learned programming in traditional languages, I was writing lots of codes and procedures to develop similar program that includes data functions. This type of programming languages obligates the programmer to write lots of codes.

In the Microsoft Visual Basic programming language these are allowed by program so it is very easy to compile and execute the program.

These kind of languages, makes the visual and useful programs to use friendly.

## REFERENCES

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6. Com 430 lecture codes.