



**NEAR EAST UNIVERSITY**

**Faculty of Engineering  
Department of Computer Engineering**

**Hotel Reservation Program in Visual Basic 6.0**

**Graduation Project  
COM-400**

**Student : Atilla ÖZTÜRK**

**Supervisor : Mr. Okan Donangil**

**Nicosia – 2002**

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## ACKNOWLEDGMENT

First of all , I have to say thanks to my family for their aid. If I can stand on my food , it is happning because of their belief on me.

Secondly, I want to say special thanks to my University staff such as my teachers and others. In the preperation time of my project I want to say special thanks to my supervisor Mr. Okan Donangil who help me to develop myself on programming by his knowledge.

Thanks to my school mates and friends for their help for my studies and work as well.

## ABSTRACT

In this century technology is in everywhere. Specially computer takes a important place for the people. They are using to develop their business , experience , in the school , manage thinks .....

In this project , I have written a program about Hotel Reservation Program for a Hotel. In programming there is a one special rule which is “ Program must be user friendly “. By this rule I start to write my program.

I made this project on Visual Basic 6.0 which is the one of powerfull Visual Programming Language in the world. My program includes Reservation , Check – In , Check – Out , Service , Statistick of Hotel .....etc.

## INTRODUCTION

Specially last ten year computer are in use on everything. Because of their use by hummans all the things become more easier. One of the use is like Hotel Reservation tracking.

In my project there are many functions which helps to manage Hotel Reservation. Some of functions are Reservation track , Check-in track , Check- Out track and Service track.

In begining of the project I look about my topics on Internet . I found many product and archive about Hotel Managing which also include my topics. After search, I collect my resource for my program which will be use in program. I carry about one of the rule for my program ,that is to make it *user friendly*.

I use one of the powerfull Object Oriented programming language which is Visual Basic 6.0 .

## 4- HOTEL RESERVATION PROGRAM CONTENT

Before starting the explanation of program , I want to list below content in my Hotel Reservation Project .

- 1- Database Content – MSAccess2000
- 2- Explanenation of Forms which used in Hotel Reservation Program

### a.) DATABASE CONTENT – MsAccess2000

Database help us to store our information in diffirent ways. There are many database programming language like Fox – Pro, Paradox , Dbase , Oracle and soo on. In my Program I used the MsAccess 2000. This program help me to store my data in easy and secure way. In MsAccess we can create tables, query , forms , moduls and many things.

Hotel Reservation program include one database and 6 tables below :

- i. Operator
- ii. Check-in
- iii. Check-out
- iv. Reservation
- v. Order
- vi. Room

Let us see my tables in more detail :

#### i. Operator Table :

Field Name	Data Type	Description
oper_id	AutoNumber	Operator ID number it gives by the program automatically
oper_code	Text	Operator Code
oper_username	Text	Operator Name to use for log-in
oper_password	Text	Operator Password to use for log-in
oper_access	Text	Operator Access Level to use program
oper_notes	Text	Notes about operator
status_manager	Yes/No	Status of Operator If this option is available operator takes the manager status
status_administrator	Yes/No	Status of Operator If this option is available operator takes the administrator status
status_reservations	Yes/No	Status of Operator If this option is available operator takes the reservations status



**ii. Check-In Table :**

Field Name	Data Type	Description
chkin_id	AutoNumber	This fields gives me number to control my check-in
Chkindate	Date/Time	Check-in date of customer
Name	Text	Customer First Name
Surname	Text	Customer First Name
Age	Number	Customer Last Name
Adress	Text	Customer Adress
City	Text	Customer City
Resvid	Number	If there is a reservation from before we can use it
Phone	Number	Customer Phone
Arrtime	Date/Time	Custumer Arrival Time
Sex	Text	Customer Sex
Roomno	Number	Customer Room Number
Adult	Number	Number of Adult
Status	Yes/No	Check-in status ( Yes = record in use , No = record is not in use )

**iii. Check-Out Table :**

Field Name	Data Type	Description
Chkoutid	AutoNumber	This fields gives me number to control my check-out
Chkinid	Number	Check-in id of customer
Ordid	Number	Customer Order Id
Roomno	Number	Customer Room Number
Name	Text	Customer First Name
Surname	Text	Customer Last Name
Adress	Text	Customer Adress
Phone	Number	Customer Phone
Chkindate	Date/Time	Customer Check-in Date
Chkoutdate	Date/Time	Custumer Check-out Date
Chkouttime	Date/Time	Customer Check-out Time
Duration	Number	Total days of Customer Stay
Discount	Number	Discount persentage
r_cahrgeper	Number	Room Charge for per night
r_nihgt	Number	Duration of Customer
r_total	Number	Total Room Caharge
Tax	Number	Governmental Tax ( Percentage )
tot_tax	Number	Total Amount of Tax
Gentot	Number	General Total for customer transaction
Adult	Number	Number of adult

iv. **Reservation Table :**

Field Name	Data Type	Description
Rid	AutoNumber	This fields gives me number to control my reservation
Dateres	Date/Time	When the reservation is made
Rname	Text	Customer First Name
Rsurname	Text	Customer Last Name
Radress	Text	Customer Adress
Rphone	Text	Customer Phone
Email	Text	Customer E-mail adress
Estimatedate	Date/Time	Estimate Date of Customer
Adult	Number	Numer of Adult
Status	Yes/No	To Check status of Record (Yes= in use , No = not in use )

v. **Order Table :**

Field Name	Data Type	Description
order id	AutoNumber	This fields gives me number to control my reservation
checkin_id	Date/Time	Customer Check-In Id
Name	Text	Customer First Name
Surname	Text	Customer Last Name
Checkindate	Date/Time	Customer Check-In Date
Itemname	Text	Description of Order
Quantity	Number	Number of Order
Priceper	Number	Price of per order
Tot	Number	Total Cahrge of Service to room
Roomno	Number	room Number where order is given
Status	Yes/No	To Check status of Record (Yes= in use , No = not in use )

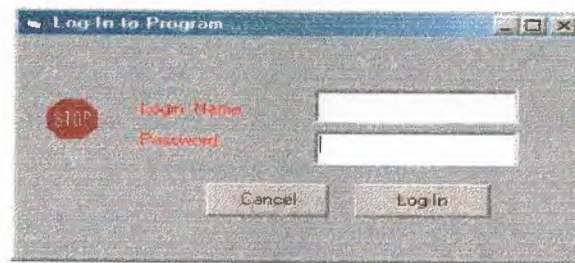
vi. **Room Table :**

Field Name	Data Type	Description
Roomno	Number	Room Number
Status	Yes/No	To Check status of Record (Yes= in use , No = not in use )
Capacity	Number	Room Capacity

## **b.) Explanation of Forms which used in Hotel Reservation Program**

### **i. Log-in to Program Window**

In this form user must type his/her Log-in Name and Password to enter the Hotel Reservation program. If the log-in information is wrong, user can enter to the Hotel Reservation Program. In this way program is not allowing for everyone to use, only staff can use Hotel Reservation program. You can see the view of Log-in to program ( **Figure 1** )



**Figure 1. Log-in to Program Window**

### **ii. Main window of Hotel Reservation Program :**

After passing the Log-in Window user will see the Main Window. It is including 4 main part below the list:

- ii.1      Reservation Tab
- ii.2      Check-in Tab
- iii.3     Check-out Tab
- iv.4      Servis to Customer Tab

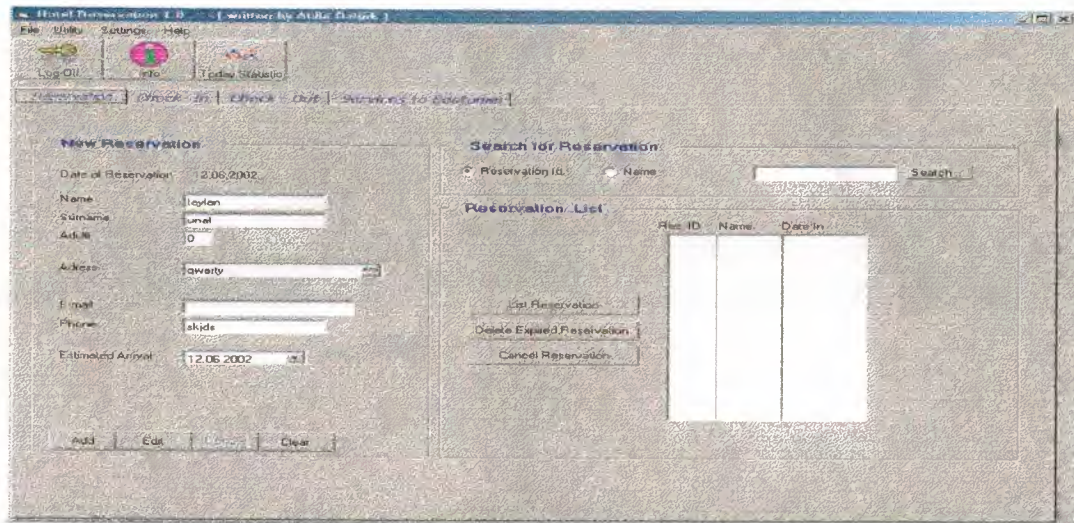
#### **ii.1 Reservation Tab :**

Here user can enter data about the customer reservation and store them into Reservation Table in Hotel Reservation Program Database. User must type all information about below list as name , surname, number of adult, adress , phone , e-mail and arrival date of customer. If user will not complete all information Add Button is not going to add new data into database. After storing data into database,user is going to give Reservation Id to the customer. data can be edit , cancelled , search by Reservation Id or Full Name. On the right



side of the window user can see the data list of reservation, also can delete expired reservation from database. ( **Figure 2.** )

**Not :** Reservation Dates and Reservation Id are given automatically by computer. By this way user can not play with dates.



**Figure 2. Reservation Tab**

## **ii.2 Check – in Tab**

In this tab , user can enter check-in data direct or by calling reservation. User must fill all information about customer. But user have to care about one point. Point is after filling all information except Room Number , user must press SORT ROOM Button to see available room for the customer depend on number of adult. After selecting available room for customer, data can be added to the database. Then we can, use Button to see first data , last data , next data or previous data in our database. Also can edit or remove data from database.

If customer is coming by reservation user will ask his Reservation Id to take detail from reservation database. Also if user wants to search for active check-in, SEARCH Button can be used. On left side of window user can see the room status. (Figure 3)

**Figure 3. Check-In Tab**

### **ii.3 Check – Out Tab**

In this tab user have to enter user Room Number or Full Name to make check-out from the hotel. After entering Room Number or full name user have to press SEARCH Button to list information about customer. Then room daily cost , discount and tax have to entered manually and if there is service to customer by pressing ORDER DETAIL Button can be listed on right sight of the window with order detail. When all cost is entered , user have to press CALCULATE Button to see total cost for the customer. Then user can store this data into database. And also by pressing the BILL Button, user can give a printout to the customer of his payment. ( See Figure 4. )



Hotel Reservation 1.0 [written by Atilla Datarik]

File Utility Settings Help

Log-On Info Today's Statistics

Reservation Check-In Check-Out Services to Customer

### Check-Out Details

Room No  
Name  
Surname  
Address  
Phone  
Check-In Date  
Check-Out Date: 11.06.2002  
Check-Out Time: 23:10:34  
Duration Adult  
Type Pet Day Nights Total  
Room Charge \$  
Order Charge \$  
Discount  
Tax Tax Total \$  
Total Amount Due \$

### Check-Out Search

Search: Search  
☒ Room ☐ Name  
 Calculate Edit Delete

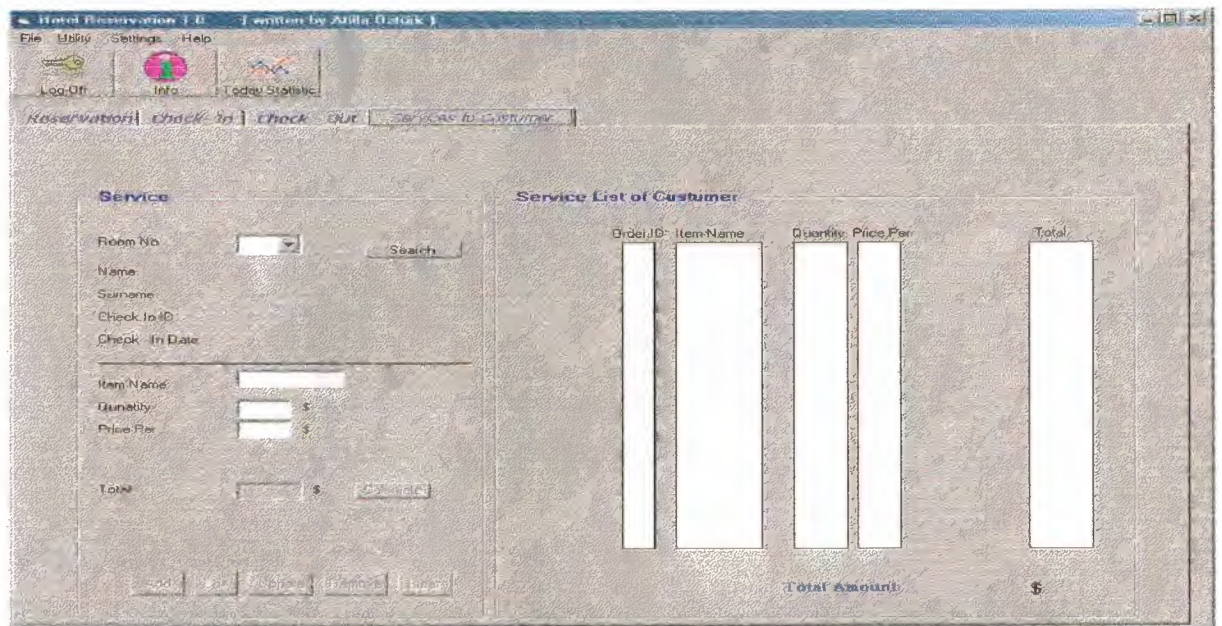
### Order Charge Details

Item Name	Quantity	Price Per	Total

**Figure 4. Check – Out Tab**

#### **ii.4 Service to Customer :**

In this tab user can enter customer orders by selecting Room Number and pressing Search Button. After pressing search Button some of check-in data will be listed from database or if there is order from before it will be listed on the right side of the window and its total amount till that date. Here user must enter the order name, quantity and per price of quantity then by pressing CALCULATE Button user can see the total amount of that order and by pressing the ADD Button can be added to the customer cost. Also user can remove or edit the order from the customer.( see **Figure 5.** )



**Figure 5. Service to Customer**

### **iii. Menu Contents:**

In menu there are Log-out , Exit from the Program, Room Status, Hotel Statistic , View Report , Transaction List , Operator set-up and Manager Control. Lets see those menu in detail and responsibilities.

#### **iii.1 Log-Out Menu**

This option help us to change user for the Hotel Reservation Program. It shows Figure 1.

#### **iii.2 Exit Menu**

This option help to user to close program.

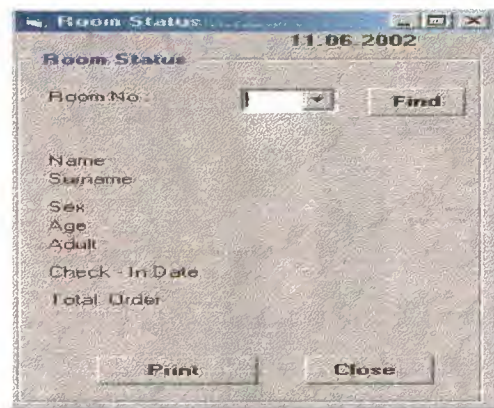
#### **iii.3 Utility Menu**

This menu includes 4 sub menu : 1- room status 2- Hotel Statistic , 3- View Report, 4- Transacitons search.

##### **iii.3.1 Room Status :**

In this sub menu user can see the Room Status from check-in date to now. Like what is the total amount of orders and so on.(see Figure 6. )

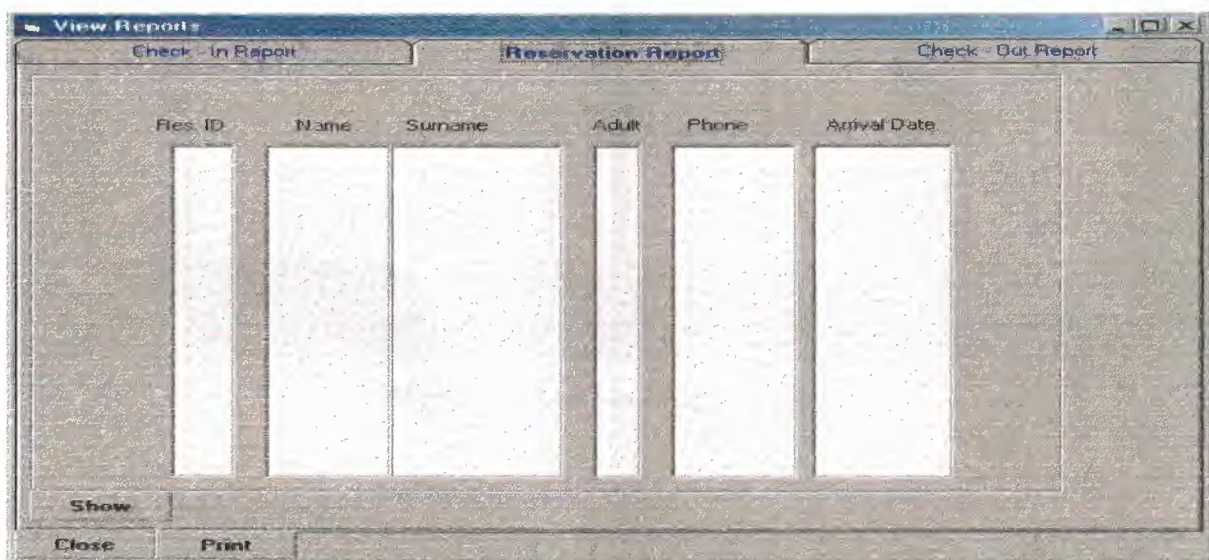




**Figure 6. Room Status View**

### iii. 3.2 View Report :

This sub menu provide us to see our Reservation , Check-In and Check-Out Reports by 3 seperate tab and user can have total amount of all check-out transaction. ( see Figure 7, Figure 8 and Figure 9 )



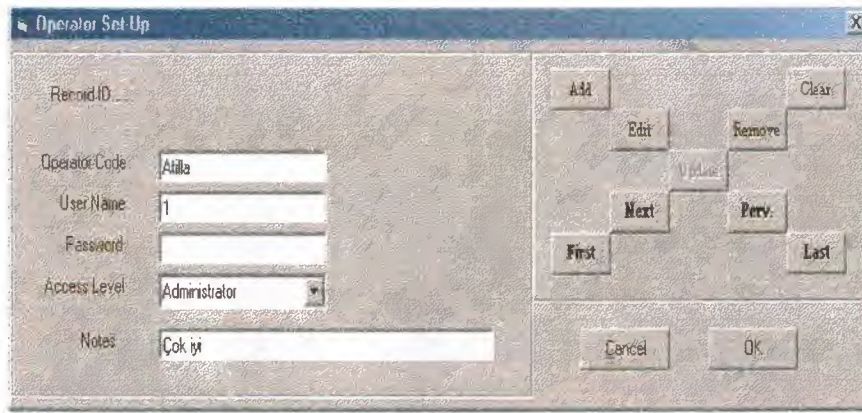
**Figure 7. Reservation Report View**











The 'Operator Set Up' window contains the following fields and controls:

- Record ID:** (empty text field)
- Operator Code:**
- User Name:**
- Password:** (empty text field)
- Access Level:**
- Notes:**
- Buttons:** Add, Edit, Remove, Update, Clean, First, Next, Prev., Last, Cancel, OK.

**Figure13 Operrator Set-up window**

#### iv.2 Manager Control

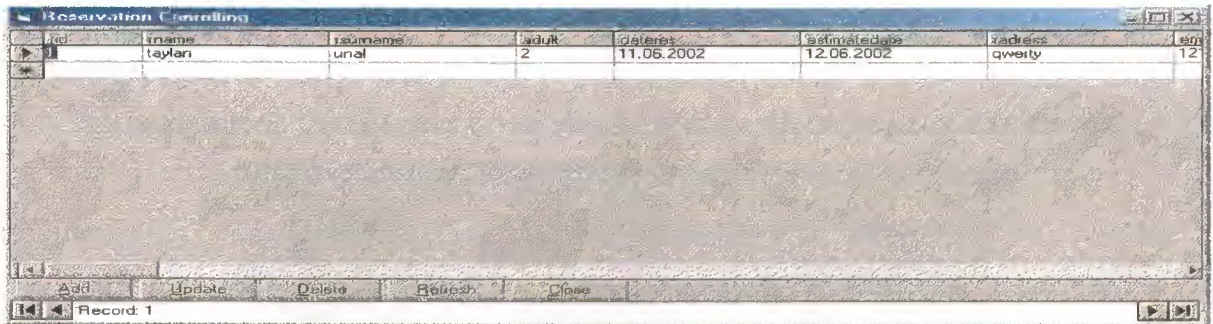
This menu is only available for who has manager level. When user try to enter to this sub menu, user will face with the Log-in window. If user level is acceptable , menu will open for user. This menu act very important position in the program. In this menu who has manager access he can check data, remove or edit from the database. But normal user can not do this movements in normal work windows. Only this window provide us this characteristic. ( Figure14,15,16)



The 'Manager Login' window contains the following fields and controls:

- User Name:**
- Password:**
- Buttons:** OK, Cancel.

**Figure 14. Manager contorl Log-in Window**



id	fname	lname	adult	dates	estimatedate	address	id
1	taylan	unal	2	11.06.2002	12.06.2002	qwerty	12

Buttons: Add, Update, Delete, Refresh, Close. Record: 1

**Figure 15. Reservation Control by Manager Window**



checkindate	checkinid	checkinid	name	surname	age	address	phone	city	state	sex
12.06.2002	1	0	a	unal	12	AAAA	0000	AAAAA	1	male
12.06.2002	2	1	taylan	unal	0	qwerty	12134125	ankara	2	male

Add Update Delete Refresh Close

Record: 1

Figure 16. Check-in Control by Manager Window

checkoutdate	checkoutid	checkouttime	check
12.06.2002	2	23:16:06	1

Add Update Delete Refresh Close

Record: 1

Figure 17. Check-out Control By Manager Window

#### v. About

This menu inform the user about who programmed the Hotel Reservation Program.

Programmer Info

Program Subject

**Computer Engineering Department**

**Com - 400 Graduation Project**

**Hotel Reservation Program**

programmed in Visual Basic 6.0

Adil Ozgurk 970403

ozgurk1234@hotmail.com

Figure18. About View

## CONCLUSION

This project help me to increase my knowledge about Object Oriented Programming and how to use Visual Basic 6.0. Traditional programming languages obligates the programmer to write a lots of code and procedure to develop to similar program that includes data functions , buttons , different types of text-boxes ... etc. But in Object Oriented Language does not obligate programmer to write a lots of code it has in own library.

In project I found specific solution to my problem. I improve my programming language in this project.

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## **1- Log – in to program window codes**

### **a. Form code**

```
Private Sub Form_Load()  
Text1.Text = ""  
Text2.Text = ""  
End Sub
```

### **b. Log-in Button Code**

```
Private Sub Command1_Click()  
Dim strSQL As String  
Dim result As Boolean  
Dim limit, i, a As Integer  
If Text1.Text = "" Then  
MsgBox " Please enter Log-In Name "  
Text1.SetFocus  
Else  
If Text2.Text = "" Then  
MsgBox " Please enter Passoword "  
Text2.SetFocus  
Else  
Set file = OpenDatabase(App.Path + "/hoteldatabase.mdb")  
Set tablo = file.OpenRecordset("Operator")  
result = False  
i = 0  
strSQL = "SELECT * FROM Operator"  
Set tablo = file.OpenRecordset(strSQL)  
tablo.MoveFirst  
Do  
If ((Text1.Text = tablo.Fields(2)) And (Text2.Text = tablo.Fields(3))) Then  
result = True  
Text1.Text = ""  
Text2.Text = ""
```

```

Exit Do
Else
    result = False
End If
tablo.MoveNext
Loop Until tablo.EOF
If result = True Then
    LoginWin.Hide
    main.Show
Else
    Text1.Text = ""
    Text2.Text = ""
    MsgBox "Invalid Username or password.Try again... "
End If
End If
End If
End Sub

```

### **c. Cancel Button Code**

```

Private Sub Command2_Click()
End
End Sub

```

## **2. Main window code**

### **a. Form code**

```

Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "/hoteldatabase.mdb")
Set rs = db.OpenRecordset("reservation")
Set db1 = OpenDatabase(App.Path + "/hoteldatabase.mdb")
Set rs1 = db.OpenRecordset("checkin")
Set db2 = OpenDatabase(App.Path + "/hoteldatabase.mdb")
Set rs2 = db.OpenRecordset("checkout")
Set db3 = OpenDatabase(App.Path + "/hoteldatabase.mdb")
Set rs3 = db.OpenRecordset("order")
Text59.Text = Int(0)
Text65 = Int(0)

```

```

Text11 = Int(0)
Text8.Text = Date
Text7.Text = Date
Label52.Caption = Date
Label83.Caption = Date
Command28.Enabled = False
Command29.Enabled = False
Command30.Enabled = False
Command31.Enabled = False
Command33.Enabled = False
Command34.Enabled = False
DTPicker1.Value = Date
Command26.Enabled = False
Command21.Enabled = False
Command22.Enabled = False
Command23.Enabled = False
Command24.Enabled = False
Command13.Enabled = False
Command3.Enabled = False
Command16.Enabled = False
Call clrres
Call comboroom
Call comboroom1
End Sub

```

## **b. Reservaiton Tab Code**

### **i. Search Button code**

```

Private Sub Command8_Click()
If rs.EOF Then
MsgBox " Database is empty "
Exit Sub
Else
rs.MoveFirst
If Option3.Value = True Then
Call OptionRes1

```

```

Else
    rs.MoveFirst
Do Until rs.EOF
    If rs.Fields(2) = Text6.Text Then
        Text1.Text = rs.Fields(2)
        Text2.Text = rs.Fields(3)
        Text3.Text = rs.Fields(4)
        Text4.Text = rs.Fields(5)
        Text5.Text = rs.Fields(6)
        Text7.Text = rs.Fields(1)
        Text59.Text = rs.Fields(8)
        DTPicker1.Value = rs.Fields(7)
    Exit Sub
    Else
        rs.MoveNext
    End If
Loop
Call Command4_Click
MsgBox "Name is not in database ....!!! ", vbInformation, "HotelReservation"
End If
End If
End Sub

```

## **ii. Add Button code**

```

Private Sub Command1_Click()
    If Text1 = "" Then
        MsgBox "Please enter name", vbInformation, "Hotel Reservation"
        Text1.SetFocus
    Else
        If Text2 = "" Then
            MsgBox "Please enter surname", vbInformation, "Hotel Reservation"
            Text2.SetFocus
        Else
            If Text59 > Int(4) Or Text59 = Int(0) Then
                MsgBox "Please enter Adult ( Max 4 person ) ", vbInformation, "Hotel Reservation"
            End If
        End If
    End If
End Sub

```

```

Text59.SetFocus
Else
If Text3 = "" Then
MsgBox "Please enter adress", vbInformation, "Hotel Reservation"
Text3.SetFocus
Else
If Text4 = "" Then
MsgBox "Please enter e-mai adress", vbInformation, "Hotel Reservation"
Text4.SetFocus
Else
If Text5 = "" Then
MsgBox "Please enter contact phone", vbInformation, "Hotel Reservation"
Text5.SetFocus
Else
rs.AddNew
rs.Fields(1) = Text7.Text
rs.Fields(2) = Text1.Text
rs.Fields(3) = Text2.Text
rs.Fields(4) = Text3.Text
rs.Fields(5) = Text4.Text
rs.Fields(6) = Text5.Text
rs.Fields(7) = DTPicker1.Value
rs.Fields(8) = Text59.Text
rs.Fields(9) = True
rs.Update
MsgBox "Reservation for new visitor added", vbOKOnly, "Hotel Reservation"
Call clrres
Call ResList
End If
End If
End If
End If
End If
End If
End If

```

End Sub

**ii. Edit Button code**

```
Private Sub Command2_Click()
```

```
If rs.BOF Then
```

```
    MsgBox " Database is empty "
```

```
    Exit Sub
```

```
Else
```

```
    resinput = InputBox("Enter the name to be edited", "resinput")
```

```
    rs.MoveFirst
```

```
    Do Until rs.EOF
```

```
        If rs.Fields(2) = resinput And rs.Fields(9) = True Then
```

```
            Text1.Text = rs.Fields(2)
```

```
            Text2.Text = rs.Fields(3)
```

```
            Text3.Text = rs.Fields(4)
```

```
            Text4.Text = rs.Fields(5)
```

```
            Text5.Text = rs.Fields(6)
```

```
            Text7.Text = rs.Fields(1)
```

```
            DTPicker1.Value = rs.Fields(7)
```

```
            Text59.Text = rs.Fields(8)
```

```
            Command1.Enabled = False
```

```
            Command3.Enabled = True
```

```
            Command4.Enabled = True
```

```
            Command2.Enabled = False
```

```
        Exit Sub
```

```
    Else
```

```
        rs.MoveNext
```

```
    End If
```

```
Loop
```

```
MsgBox "No data found.Try again..", vbOKOnly, "Hotel Reservation"
```

```
End If
```

```
End Sub
```



### **iii. Update Button Code**

```
Private Sub Command3_Click()
```

```
rs.Edit
```

```
rs.Fields(2) = Text1.Text
```

```
rs.Fields(3) = Text2.Text
```

```
rs.Fields(4) = Text3.Text
```

```
rs.Fields(5) = Text4.Text
```

```
rs.Fields(6) = Text5.Text
```

```
rs.Fields(7) = DTPicker1.Value
```

```
rs.Fields(8) = Text59.Text
```

```
rs.Update
```

```
Call ResList
```

```
Command1.Enabled = True
```

```
Command2.Enabled = True
```

```
Command4.Enabled = True
```

```
MsgBox "Reservation for Guest is updated", vbInformation, "Hotel Reservation"
```

```
Command3.Enabled = False
```

```
End Sub
```

### **iv. Clear Button**

```
Private Sub Command4_Click()
```

```
List7.Clear
```

```
List1.Clear
```

```
List2.Clear
```

```
Text1.Text = ""
```

```
Text2.Text = ""
```

```
Text3.Text = ""
```

```
Text4.Text = ""
```

```
Text5.Text = ""
```

```
Text59.Text = Int(0)
```

```
DTPicker1.Value = Date
```

```
End Sub
```

### **v. List of Reservation Code**



```
Private Sub Command5_Click()
```

```
List1.Clear
```

```
List2.Clear
```

```
List7.Clear
```

```
Call ResList
```

```
End Sub
```

#### **vi. Delete Expired Reservation Code**

```
Private Sub Command7_Click()
```

```
Call expireconfirmation
```

```
End Sub
```

#### **viii.Cancel Reservation**

```
Private Sub Command25_Click()
```

```
NameQuery = InputBox("Enter A Reservation Pincode To Delete ", "Name Query")
```

```
Data1.Recordset.MoveFirst
```

```
Do Until Data1.Recordset.EOF
```

```
If Int(NameQuery) = Data1.Recordset.Fields(0) Then
```

```
    Data1.Recordset.Delete
```

```
    MsgBox "Match Found & Deleted ", vbInformation, "Hotel Reservation"
```

```
Exit Sub
```

```
Else
```

```
Data1.Recordset.MoveNext
```

```
End If
```

```
Loop
```

```
MsgBox ("No matches found.Please try again.."), vbCritical, "Hotel Reservation"
```

```
End Sub
```

#### **c. Check-in Tab Codes**

##### **i . Search Button Code**

```
Private Sub Command19_Click()
```

```
Text9.SetFocus
```

```
Text8.Text = ""
```

```

Text9.Text = ""
Text10.Text = ""
Text11.Text = Int(0)
Text12.Text = ""
Text13.Text = ""
Text58.Text = Int(0)
Text15.Text = ""
Text17.Text = ""
Combo1.Text = ""
Combo2(0).Text = ""
Text65.Text = Int(0)
rs1.MoveFirst
Do Until rs1.EOF
    If rs1.Fields("name") = Text16.Text And rs1.Fields(13) = True Then
        Text8.Text = rs1.Fields(1)
        Text9.Text = rs1.Fields(2)
        Text10.Text = rs1.Fields(3)
        Text11.Text = rs1.Fields(4)
        Text12.Text = rs1.Fields(5)
        Text13.Text = rs1.Fields(6)
        Text58.Text = rs1.Fields(7)
        Text15.Text = rs1.Fields(9)
        Text17.Text = rs1.Fields(8)
        Combo1.Text = rs1.Fields(10)
        Combo2(0).Text = rs1.Fields(11)
        Text65.Text = rs1.Fields(12)
        Command13.Enabled = False
        Exit Sub
    Else
        rs1.MoveNext
    End If
Loop
MsgBox "No matches found.Please try again..", vbInformation, "Hotel Reservation"
Text9.Text = ""

```

Text9.SetFocus

End Sub

**ii. Checkin by Reservation ID**

Private Sub Command6\_Click()

Text9.SetFocus

Text8.Text = ""

Text9.Text = ""

Text10.Text = ""

Text11.Text = Int(0)

Text12.Text = ""

Text13.Text = ""

Text58.Text = Int(0)

Text15.Text = ""

Text17.Text = ""

Combo1.Text = ""

Combo2(0).Text = ""

Text65.Text = Int(0)

Data1.Recordset.MoveFirst

Do Until Data1.Recordset.EOF

    If Text14.Text = Data1.Recordset.Fields(0) And Data1.Recordset.Fields(9) = True Then

        Call checkdate

        Call showres

        Exit Sub

    Else

        Data1.Recordset.MoveNext

    End If

Loop

    MsgBox " There is no reservaiton on this ID..."

    Text14.Text = Int(0)

    Text14.SetFocus

End Sub

**iii. Sort Room Button Code**

```

Private Sub Command100_Click()
Dim sql As String
Combo2(0).Clear
sql = "Select * from room "
Data2.RecordSource = sql
Data2.Refresh
Data2.Recordset.MoveFirst
Do Until Data2.Recordset.EOF
If Data2.Recordset.Fields(1) = False And Data2.Recordset.Fields(2) = Int(Text65.Text)
Then
Combo2(0).AddItem Data2.Recordset("roomno")
Data2.Recordset.MoveNext
Else:
Data2.Recordset.MoveNext
End If
Loop
Combo2(0).ListIndex = 0
If Combo2(0) = "" Then
MsgBox " Change the number of adult"
Else
Command13.Enabled = True
End If
End Sub

```

**iv. Room Status Button Code**

```

Private Sub Command9_Click()
Dim sql As String
List3.Clear
List4.Clear
sql = "Select * from room"

Data2.RecordSource = sql
Data2.Refresh
Data2.Recordset.MoveFirst

```

```

Do Until Data2.Recordset.EOF
On Error Resume Next
If Data2.Recordset.Fields(1) = True Then
    List3.AddItem Data2.Recordset("roomno")
Else
    List4.AddItem Data2.Recordset("roomno")
End If
    Data2.Recordset.MoveNext
Loop
End Sub

```

v. **Add Button Code**

```

Private Sub Command13_Click()
Call Label80_Click
If Text9.Text = "" Then
MsgBox "Please enter name", vbInformation, "Hotel Reservation"
Text9.SetFocus
Else
If Text10.Text = "" Then
MsgBox "Please enter surname", vbInformation, "Hotel Reservation"
Text10.SetFocus
Else
If Text11.Text = "" Then
MsgBox "Please enter age", vbInformation, "Hotel Reservation"
Text11.SetFocus
Else
If Text12.Text = "" Then
MsgBox "please enter adress", vbInformation, "Hotel Reservation"
Text12.SetFocus
Else
If Text13.Text = "" Then
MsgBox "please enter city", vbInformation, "Hotel Reservation"
Text13.SetFocus
Else

```

```

If Text58.Text = "" Then
    Text58.Text = Int(0)
Else
    If Text17.Text = "" Then
        MsgBox "please enter phone", vbInformation, "Hotel Reservation"
        Text17.SetFocus
    Else
        If Combo1.Text = "" Then
            MsgBox "please enter sex", vbInformation, "Hotel Reservation"
            Combo1.SetFocus
        Else
            If Combo2(0).Text = "" Then
                MsgBox "please enter roomno", vbInformation, "Hotel Reservation"
                Combo2(0).SetFocus
            Else
                Data2.Recordset.MoveFirst
                Do Until Data2.Recordset.EOF
                    If Combo2(0).Text = Data2.Recordset.Fields(0) And Data2.Recordset.Fields(1) = False
                        Then
                            Call chkinpos
                            Call delcheckin
                            Call comboroom
                            Call comboroom1
                            Call Command18_Click
                            Command13.Enabled = False
                            Exit Sub
                        Else
                            Data2.Recordset.MoveNext
                        End If
                    Loop
                MsgBox " room is full "

                End If
            End If

```



End If  
End If  
End If  
End If  
End If  
End If  
End If  
End Sub

vi. **Edit Button Code**

```
Private Sub Command15_Click()  
NameQuery = InputBox("Enter A Name To Search For", "Name Query")  
rs1.MoveFirst  
Do Until rs1.EOF  
If rs1.Fields("name") = NameQuery And rs1.Fields(13) = True Then  
Text8.Text = rs1.Fields(1)  
Text9.Text = rs1.Fields(2)  
Text10.Text = rs1.Fields(3)  
Text11.Text = rs1.Fields(4)  
Text12.Text = rs1.Fields(5)  
Text13.Text = rs1.Fields(6)  
Text58.Text = rs1.Fields(7)  
Text15.Text = rs1.Fields(9)  
Text17.Text = rs1.Fields(8)  
Combo1.Text = rs1.Fields(10)  
Combo2(0).Text = rs1.Fields(11)  
  
Combo2(0).Locked = True  
Text65.Text = rs1.Fields(12)  
Text65.Locked = True  
  
MsgBox "Match Found.Edit the record", vbInformation, "Hotel Reservation"  
Command13.Enabled = False  
Command15.Enabled = False
```

```

Command17.Enabled = False
Command16.Enabled = True
Command18.Enabled = True

Exit Sub
Else
rs1.MoveNext
End If
Loop
MsgBox ("No matches found.Please try again.."), vbCritical, "Hotel Reservation"
End Sub

```

#### **vii. Update Button Code**

```

Private Sub Command16_Click()
rs1.Edit
rs1.Fields(1) = Text8.Text
rs1.Fields(2) = Text9.Text
rs1.Fields(3) = Text10.Text
rs1.Fields(4) = Text11.Text
rs1.Fields(5) = Text12.Text
rs1.Fields(6) = Text13.Text
rs1.Fields(7) = Text58.Text
rs1.Fields(9) = Text15.Text
rs1.Fields(8) = Text17.Text
rs1.Fields(10) = Combo1.Text
rs1.Fields(11) = Combo2(0).Text
rs1.Fields(12) = Text65.Text
rs1.Update
Call comboroom
MsgBox "current record is updated", vbInformation, "Hotel Reservation"
Combo2(0).Locked = False
Text65.Locked = False
Command13.Enabled = True
Command15.Enabled = True

```



```
Command17.Enabled = True
Command16.Enabled = False
Command15.SetFocus
End Sub
```

**viii. Remove Button Code**

```
Private Sub Command17_Click()
If rs1.BOF Or rs1.EOF = True Then
MsgBox " END OF FILE", vbOKOnly, "Hotel Reservation"
Else
Data2.Recordset.MoveFirst
Do Until Data2.Recordset.EOF
If Data2.Recordset.Fields(0) = Combo2(0).Text Then
Data2.Recordset.Edit
Data2.Recordset.Fields(1) = False
Data2.Recordset.Update
rs1.Delete
Call comboroom
Exit Sub
Else
Data2.Recordset.MoveNext
End If
Loop
End If
End Sub
```

**ix. Clear Button Code**

```
Private Sub Command18_Click()
Text9.SetFocus
Text8.Text = ""
Text9.Text = ""
Text10.Text = ""
```

```

Text11.Text = Int(0)
Text12.Text = ""
Text13.Text = ""
Text58.Text = Int(0)
Text15.Text = ""
Text17.Text = ""
Combo1.Text = ""
Combo2(0).Text = ""
Text65.Text = Int(0)
Command13.Enabled = True
Command15.Enabled = True
Command17.Enabled = True
Text65.Text = Int(0)
End Sub

```

**x. First ButtonCode**

```

Private Sub Command10_Click()
Dim sql As String
sql = "select * from checkin where status=true"
Set rs1 = db.OpenRecordset(sql)
If rs1.BOF = True Then
MsgBox "beginning of record", vbOKOnly, "Hotel Reservation"
Else
    rs1.MoveFirst
Text8.Text = rs1.Fields(1)
Text9.Text = rs1.Fields(2)
Text10.Text = rs1.Fields(3)
Text11.Text = rs1.Fields(4)
Text12.Text = rs1.Fields(5)
Text13.Text = rs1.Fields(6)
Text58.Text = rs1.Fields(7)
Text15.Text = rs1.Fields(9)
Text17.Text = rs1.Fields(8)
Combo1.Text = rs1.Fields(10)

```

```

Combo2(0).Text = rs1.Fields(11)
Text65.Text = rs1.Fields(12)
End If
End Sub

```

#### **xi. Next Button Code**

```

Private Sub Command11_Click()
If rs1.EOF <> True Then
rs1.MoveNext
If rs1.EOF = True Then
rs1.MoveLast
MsgBox "End of record", vbInformation, "Hotel Reservation"
Else
'rs1.MoveNext
Text8.Text = rs1.Fields(1)
Text9.Text = rs1.Fields(2)
Text10.Text = rs1.Fields(3)
Text11.Text = rs1.Fields(4)
Text12.Text = rs1.Fields(5)
Text13.Text = rs1.Fields(6)
Text58.Text = rs1.Fields(7)
Text15.Text = rs1.Fields(9)
Text17.Text = rs1.Fields(8)
Combo1.Text = rs1.Fields(10)
Combo2(0).Text = rs1.Fields(11)
Text65.Text = rs1.Fields(12)
End If
End If
End Sub

```

#### **xii. Previous Button Code**

```

Private Sub Command12_Click()
If rs1.BOF <> True Then
rs1.MovePrevious

```

```

If rs1.BOF = True Then
rs1.MoveFirst
MsgBox "begining of record", vbInformation, "Hotel Reservation"
Else
'rs1.MovePrevious
Text8.Text = rs1.Fields(1)
Text9.Text = rs1.Fields(2)
Text10.Text = rs1.Fields(3)
Text11.Text = rs1.Fields(4)
Text12.Text = rs1.Fields(5)
Text13.Text = rs1.Fields(6)
Text58.Text = rs1.Fields(7)
Text15.Text = rs1.Fields(9)
Text17.Text = rs1.Fields(8)
Combo1.Text = rs1.Fields(10)
Combo2(0).Text = rs1.Fields(11)
Text65.Text = rs1.Fields(12)
End If
End If
End Sub

```

### **xiii. Last Button Code**

```

Private Sub Command14_Click()
If rs1.EOF = True Then
MsgBox ("End of record")
Else
rs1.MoveLast
Text8.Text = rs1.Fields(1)
Text9.Text = rs1.Fields(2)
Text10.Text = rs1.Fields(3)
Text11.Text = rs1.Fields(4)
Text12.Text = rs1.Fields(5)
Text13.Text = rs1.Fields(6)
Text58.Text = rs1.Fields(7)

```

```

Text15.Text = rs1.Fields(9)
Text17.Text = rs1.Fields(8)
Combo1.Text = rs1.Fields(10)
Combo2(0).Text = rs1.Fields(11)
Text65.Text = rs1.Fields(12)
End If
End Sub

```

#### **d. Check-Out Tab Code**

##### **i. Search Button Code**

```

Private Sub Command20_Click()
Dim daycheck As Integer
Dim gene As Integer
If Option1.Value = True Then
Call optionsearch
Else
Text30.Text = Int(0)
Text28.Text = Int(0)
Text29.Text = Int(0)
Text34.Text = Int(0)
Text32.Text = Int(0)
Text33.Text = Int(0)
Text56.Text = Int(0)
Do Until rs1.EOF
If rs1.Fields(2) = Text18.Text And rs1.Fields(13) = True Then
Text35.Text = rs1.Fields(0)
Label44.Caption = rs1.Fields(11)
Label45.Caption = rs1.Fields(2)
Label46.Caption = rs1.Fields(3)
Label48.Caption = rs1.Fields(5)
Label49.Caption = rs1.Fields(8)
Label50.Caption = rs1.Fields(1)
Label52.Caption = Date
Label76.Caption = rs1.Fields(12)

```

```

val = DateValue(Format(Now, "Short Date")) - rs1.Fields(1)
If val = 0 Then
    Label68.Caption = 1
Else
    Label68.Caption = Int(DateValue(Format(Now, "Short Date")) - rs1.Fields(1))
End If
Text31.Text = Label68.Caption
Command24.Enabled = True
Command26.Enabled = True
Call chkoutorder
Exit Sub
Else
    rs1.MoveNext
End If
Loop
MsgBox "No datas found.", vbInformation, "HMS"
Text18.Text = ""
Text18.SetFocus
End If
End Sub

```

## **ii. Detail Button Code**

```

Private Sub Command26_Click()
    On Error GoTo msg3
    List5.Clear
    List6.Clear
    List11.Clear
    List14.Clear
    With Data4
        .Recordset.MoveFirst
    Do Until .Recordset.EOF
        If Data4.Recordset.Fields(1) = Text35.Text And Data4.Recordset.Fields(10) = True Then
            List5.AddItem .Recordset.Fields(5)
            List6.AddItem .Recordset.Fields(6)

```



```

List11.AddItem .Recordset.Fields(7)
List14.AddItem .Recordset.Fields(8)
.Recordset.MoveNext
Else
.Recordset.MoveNext
End If
Loop
End With
msg3:
MsgBox Err.Description
End Sub

```

### iii. Calculate Button Code

```

Private Sub Command24_Click()
Dim tax, gen, day, tot As Integer
day = ((Int(Text30.Text) * Int(Text31.Text)) * Int(Label76.Caption))
Text28.Text = day
tot = (Int(Text28.Text) + Int(Text29.Text))
Text20.Text = (Int(Text32.Text) / 100 * tot)
tax = (Int(Text28.Text) + Int(Text29.Text) - Int(Text20.Text)) * (Int(Text33.Text) / 100)
Text34.Text = tax
Text56.Text = Int(Text28.Text) + Int(Text29.Text) - Int(Text20.Text) + Int(Text34.Text)
Command21.Enabled = True
Command22.Enabled = True
Command23.Enabled = True
End Sub

```

### iv. Save Button Code

```

Private Sub Command21_Click()
Command26.Enabled = False
Command21.Enabled = False
Command22.Enabled = False
Command23.Enabled = False
Command24.Enabled = False

```



List5.Clear  
List6.Clear  
List11.Clear  
List14.Clear

rs2.AddNew

rs2.Fields(1) = Text35.Text

'rs2.Fields(2) = Order ID

rs2.Fields(3) = Label44.Caption

rs2.Fields(4) = Label45.Caption

rs2.Fields(5) = Label46.Caption

rs2.Fields(6) = Label48.Caption

rs2.Fields(7) = Label49.Caption

rs2.Fields(8) = Label50.Caption

rs2.Fields(9) = Label52.Caption

rs2.Fields(20) = Label76.Caption

rs2.Fields(10) = Text19.Text

rs2.Fields(11) = Label68.Caption

rs2.Fields(12) = Text32.Text

rs2.Fields(13) = Text30.Text

rs2.Fields(14) = Text31.Text

rs2.Fields(15) = Text28.Text

rs2.Fields(16) = Text29.Text

rs2.Fields(17) = Text33.Text

rs2.Fields(18) = Text34.Text

rs2.Fields(19) = Text56.Text

rs2.Update

rs1.MoveFirst

Do Until rs1.EOF

If rs1.Fields(0) = Text35.Text And rs1.Fields(13) = True Then

Call delorder

rs1.Edit

rs1.Fields(13) = False

```

rs1.Update
MsgBox "Guest Checked out sucessfully...", vbInformation, "HMS"
Call chkoutroom
Call comboroom
Call comboroom1
Call Command9_Click
Exit Sub
End If
rs1.MoveNext
Loop
End Sub

```

v. **Bill Button Code**

```

Private Sub Command22_Click()
main.PrintForm
End Sub

```

vi. **Clear Button Code**

```

Private Sub Command23_Click()
Command26.Enabled = False
Command21.Enabled = False
Command22.Enabled = True
Command23.Enabled = True
Command24.Enabled = False
Label44.Caption = rs1.Fields(11)
Label45.Caption = rs1.Fields(2)
Label46.Caption = rs1.Fields(3)
Label48.Caption = rs1.Fields(5)
Label49.Caption = rs1.Fields(8)
Label50.Caption = rs1.Fields(1)
Label52.Caption = Date
Text30.Text = Int(0)
Text28.Text = Int(0)
Text29.Text = Int(0)

```

```

Text34.Text = Int(0)
Text32.Text = Int(0)
Text33.Text = Int(0)
Text56.Text = Int(0)
Text18.SetFocus
End Sub

```

**e. Service to Customer Tab code**

**i. Search Button Code**

```

Data2.RecordSource = " select * from checkin "
Data2.Refresh
Data2.Recordset.MoveFirst
Do Until Data2.Recordset.EOF
    If Combo2(2).Text = Data2.Recordset.Fields(11) And Data2.Recordset.Fields(13) =
True Then
        Label64.Caption = Data2.Recordset.Fields(2)
        Label65.Caption = Data2.Recordset.Fields(3)
        Label66.Caption = Data2.Recordset.Fields(0)
        Label67.Caption = Data2.Recordset.Fields(1)
        Text60.Text = ""
        Text61.Text = Int(0)
        Text62.Text = Int(0)
        Text64.Text = Int(0)
        Command29.Enabled = True
        Command30.Enabled = True
        Command31.Enabled = True
        Command33.Enabled = True
        Command34.Enabled = True
        Call orderlist
        Data2.RecordSource = " select * from room "
        Data2.Refresh
        Exit Sub
    Else
        Data2.Recordset.MoveNext
    End If
Loop

```

End If

Loop

Command29.Enabled = False

Command30.Enabled = False

Command31.Enabled = False

Command33.Enabled = False

Command34.Enabled = False

Label64.Caption = ""

Label65.Caption = ""

Label66.Caption = ""

Label67.Caption = ""

Text60.Text = ""

Text61.Text = Int(0)

Text62.Text = Int(0)

Text64.Text = Int(0)

List13.Clear

List8.Clear

List9.Clear

List10.Clear

List12.Clear

MsgBox " Room is empty "

End Sub

**ii. Calculate Button Code**

Private Sub Command34\_Click()

Dim tot As Integer

Command28.Enabled = True

tot = Int(Text61.Text) \* Int(Text62.Text)

Text64.Text = tot

End Sub

**iii. Add Button Code**

Private Sub Command28\_Click()



```

If Text60.Text = "" Then
MsgBox "Please enter Item Name", vbInformation, "Hotel Reservation"
Text60.SetFocus
Else
If Text61.Text = 0 Then
MsgBox "Please enter Item Quantity", vbInformation, "Hotel Reservation"
Text61.SetFocus
Else
If Text62.Text = "" Then
MsgBox "Please enter Price Per ", vbInformation, "Hotel Reservation"
Text62.SetFocus
Else
Data4.Recordset.AddNew
Data4.Recordset.Fields(2) = Label64.Caption
Data4.Recordset.Fields(3) = Label65.Caption
Data4.Recordset.Fields(1) = Label66.Caption
Data4.Recordset.Fields(4) = Label67.Caption
Data4.Recordset.Fields(5) = Text60.Text
Data4.Recordset.Fields(6) = Text61.Text
Data4.Recordset.Fields(7) = Text62.Text
Data4.Recordset.Fields(8) = Text64.Text
Data4.Recordset.Fields(9) = Combo2(2).Text
Data4.Recordset.Fields(10) = True
Data4.Recordset.Fields(11) = Label83.Caption
Data4.Recordset.Update
MsgBox " Order has been added "
Call orderlist
End If
End If
End If
Command28.Enabled = False
End Sub

```

#### iv. Edit Button Code

```

Private Sub Command29_Click()
    NameQuery = InputBox("Enter A Order ID To Search For", "Name Query")
    Data4.Recordset.MoveFirst
    Do Until Data4.Recordset.EOF
        If Data4.Recordset.Fields("0") = NameQuery And Data4.Recordset.Fields(10) = True
            Then
                Label64.Caption = Data4.Recordset.Fields(2)
                Label65.Caption = Data4.Recordset.Fields(3)
                Label66.Caption = Data4.Recordset.Fields(1)
                Label67.Caption = Data4.Recordset.Fields(4)
                Text60.Text = Data4.Recordset.Fields(5)
                Text61.Text = Data4.Recordset.Fields(6)
                Text62.Text = Data4.Recordset.Fields(7)
                Text64.Text = Data4.Recordset.Fields(8)
                MsgBox "Match Found.Edit the record", vbInformation, "Hotel Reservation"
            Exit Sub
        Else
            Data4.Recordset.MoveNext
        End If
    Loop
    MsgBox ("No matches found.Please try again.."), vbCritical, "Hotel Reservation"
End Sub

```

v. **Update Button Code**

```

Private Sub Command30_Click()
    Data4.Recordset.Edit
    Data4.Recordset.Fields(2) = Label64.Caption
    Data4.Recordset.Fields(3) = Label65.Caption
    Data4.Recordset.Fields(1) = Label66.Caption
    Data4.Recordset.Fields(4) = Label67.Caption
    Data4.Recordset.Fields(5) = Text60.Text
    Data4.Recordset.Fields(6) = Text61.Text
    Data4.Recordset.Fields(7) = Text62.Text
    Data4.Recordset.Fields(8) = Text64.Text

```

```

Data4.Recordset.Update
MsgBox "current record is updated", vbInformation, "Hotel Reservation"
Command28.Enabled = True
Command29.Enabled = True
Command31.Enabled = True
Command30.Enabled = False
Command28.SetFocus
End Sub

```

**vi. Remove Button Code**

```

Private Sub Command31_Click()
NameQuery = InputBox("Enter A Order ID Delete", "Name Query")
Data4.Recordset.MoveFirst
Do Until Data4.Recordset.EOF
If Data4.Recordset.Fields(0) = Int(NameQuery) And Data4.Recordset.Fields(10) = True
Then
    Data4.Recordset.Delete
    MsgBox "Match Found.ANd deleted", vbInformation, "Hotel Reservation"
Call orderlist
Exit Sub
Else
Data4.Recordset.MoveNext
End If
Loop
MsgBox ("No matches found.Please try again.."), vbCritical, "Hotel Reservation"
End Sub

```

**vii. Clear Button Code**

```

Private Sub Command33_Click()
Label64.Caption = ""
Label65.Caption = ""
Label66.Caption = ""
Label67.Caption = ""
Text60.Text = ""

```

```

Text61.Text = Int(0)
Text62.Text = Int(0)
Text64.Text = Int(0)
List13.Clear
List8.Clear
List9.Clear
List10.Clear
List12.Clear
Label73.Caption = Int(0)
Command29.Enabled = False
Command30.Enabled = False
Command31.Enabled = False
Command33.Enabled = False
Command34.Enabled = False
End Sub

```

## **2. Menu Codes**

### **3.1 Log-out Code**

```

Private Sub slogout_Click()
main.Hide
LoginWin.Show
End Sub

```

### **3.2 Exit Code**

```

Private Sub sexit_Click()
End
End Sub

```

### **3.3 Room Status Code**

#### **i. Form Load Code**

```

Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "/hoteldatabase.mdb")
Set rs = db.OpenRecordset("checkin")
Call comboroom1

```



Label9.Caption = Date

End Sub

**ii. Search Button Code**

Private Sub Command3\_Click()

Call checkin

Call orderprice

End Sub

**iii. Close Button Code**

Private Sub Command1\_Click()

statusroom.Hide

main.Show

End Sub

**iv. Print Button Code**

Private Sub Command2\_Click()

statusroom.PrintForm

End Sub

**3.4 Hotel Statistic Code**

**i. Form load Code**

Private Sub Form\_Load()

Call roomoccupied

Label15.Caption = occupied

Label16.Caption = vacant

Call statchkin

Label10.Caption = chkin

Call statreserv

Label11.Caption = reserv

Call statchkout

Label12.Caption = chkout

End Sub

ii. **Close Button Code**

```
Private Sub Command1_Click()  
Let chkin = 0  
Let reserv = 0  
Let occupied = 0  
Let vacant = 0  
Let chkout = 0  
Unload Me  
End Sub
```

iii. **Print Button Code**

```
Private Sub Command2_Click()  
Form3.PrintForm  
End Sub
```

### **3.5 View Report Code**

#### **3.5.1 Form Code**

```
Private Sub Form_load ()  
Endsub
```

#### **3.5.2 Close Button Code**

```
Private Sub Command5_Click()  
Unload Me  
End Sub
```

#### **3.5.3 Print Button Code**

```
Private Sub Command4_Click()  
viewrep.PrintForm  
End Sub
```

#### **3.5.4 Reservation tab Code**

**i. Show Button Code**

```
Private Sub Command2_Click()  
Dim strSQL As String  
On Error Resume Next  
strSQL = "Select * from Reservation"  
List1.Clear  
List2.Clear  
List3.Clear  
List4.Clear  
List5.Clear  
List6.Clear  
With Data1  
    .RecordSource = strSQL  
    .Refresh  
    .Recordset.MoveFirst  
    Do Until .Recordset.EOF  
        List1.AddItem .Recordset(0)  
        List2.AddItem .Recordset(2)  
        List3.AddItem .Recordset(3)  
        List4.AddItem .Recordset(8)  
        List5.AddItem .Recordset(6)  
        List6.AddItem .Recordset(7)  
        .Recordset.MoveNext  
    Loop  
End With  
End Sub
```

**3.5.6 Check – in tab Code**

**i. Show Button Code**

```
Private Sub Command1_Click()  
Dim strSQL As String  
On Error Resume Next
```

```

List7.Clear
List8.Clear
List9.Clear
List10.Clear
List11.Clear
List12.Clear
strSQL = "Select * from checkin"
With Data2
    .RecordSource = strSQL
    .Refresh
    .Recordset.MoveFirst
    Do Until .Recordset.EOF
        List7.AddItem .Recordset(0)
        List8.AddItem .Recordset(2)
        List9.AddItem .Recordset(3)
        List10.AddItem .Recordset(12)
        List11.AddItem .Recordset(11)
        List12.AddItem .Recordset(1)
        .Recordset.MoveNext
    Loop
end With
End Sub

```

### 3.5.7 Check-Out Tab Code

#### i. Show Butoom Code

```

Private Sub Command3_Click()
Dim strSQL As String
On Error Resume Next
strSQL = "Select * from checkout"
List13.Clear
List14.Clear
List15.Clear
List16.Clear
List17.Clear

```



List18.Clear

List19.Clear

List20.Clear

List21.Clear

With Data3

.RecordSource = strSQL

.Refresh

.Recordset.MoveFirst

Do Until .Recordset.EOF

List13.AddItem .Recordset(0)

List14.AddItem .Recordset(4)

List15.AddItem .Recordset(5)

List16.AddItem .Recordset(7)

List17.AddItem .Recordset(8)

List18.AddItem .Recordset(9)

List19.AddItem .Recordset(11)

List20.AddItem .Recordset(19)

List21.AddItem .Recordset(3)

.Recordset.MoveNext

Loop

End With

End Sub

### **3. Transaciton History Codes**

#### **4.1 Form Load Code**

Private Sub Form\_Load()

End Sub

#### **4.2 List Button Code**

Dim strSQL As String

Dim gen As Integer

strSQL = "Select \* from checkout"

List1.Clear



```

List2.Clear
List3.Clear
List4.Clear
List5.Clear
List6.Clear
List7.Clear
List8.Clear
List9.Clear
List10.Clear
With Data3
    .RecordSource = strSQL
    .Refresh
    .Recordset.MoveFirst
    gen = Int(0)
    Do Until .Recordset.EOF
        If Text1.Text = .Recordset(4) And Text2.Text = .Recordset(5) Then
            List1.AddItem .Recordset(3)
            List2.AddItem .Recordset(6)
            List3.AddItem .Recordset(7)
            List4.AddItem .Recordset(8)
            List5.AddItem .Recordset(9)
            List6.AddItem .Recordset(11)
            List7.AddItem .Recordset(13)
            List8.AddItem .Recordset(15)
            List9.AddItem .Recordset(17)
            List10.AddItem .Recordset(19)
            gen = gen + .Recordset.Fields(19)
        .Recordset.MoveNext
    Else
        .Recordset.MoveNext
    End If
Loop
End With
Label1.Caption = gen

```

End Sub

#### **4.3 Print Button Code**

```
Private Sub Command1_Click()
```

```
Dim strSQL As String
```

```
Dim gen As Integer
```

```
strSQL = "Select * from checkout"
```

```
List1.Clear
```

```
List2.Clear
```

```
List3.Clear
```

```
List4.Clear
```

```
List5.Clear
```

```
List6.Clear
```

```
List7.Clear
```

```
List8.Clear
```

```
List9.Clear
```

```
List10.Clear
```

```
With Data3
```

```
    .RecordSource = strSQL
```

```
    .Refresh
```

```
    .Recordset.MoveFirst
```

```
    gen = Int(0)
```

```
    Do Until .Recordset.EOF
```

```
        If Text1.Text = .Recordset(4) And Text2.Text = .Recordset(5) Then
```

```
            List1.AddItem .Recordset(3)
```

```
            List2.AddItem .Recordset(6)
```

```
            List3.AddItem .Recordset(7)
```

```
            List4.AddItem .Recordset(8)
```

```
            List5.AddItem .Recordset(9)
```

```
            List6.AddItem .Recordset(11)
```

```
            List7.AddItem .Recordset(13)
```

```
            List8.AddItem .Recordset(15)
```

```
            List9.AddItem .Recordset(17)
```

```
            List10.AddItem .Recordset(19)
```

```

        gen = gen + .Recordset.Fields(19)
    .Recordset.MoveNext
Else
    .Recordset.MoveNext
End If
Loop
End With
Label1.Caption = gen
End Sub

```

#### **4.4. Close Button Code**

```

Private Sub Command2_Click()
Unload Me
End Sub

```

### **5.Opeartor Set-up Codes**

#### **5.1 Form Load Code**

```

Private Sub Form_Load()
Set db = OpenDatabase(App.Path + "/hoteldatabase.mdb")
Set rs = db.OpenRecordset("operator")
Call Command3_Click
Combo1.Text = "Administrator"
Combo1.AddItem "Administrator"
Combo1.AddItem "Manager"
Combo1.AddItem "Reservations"
Combo1.ListIndex = 2 ' this command help to make my combobox constant user only can
change it by Config. Menu '
Command8.Enabled = False
End Sub

```

#### **5.2 Add Button Code**

```

Private Sub Command1_Click()
If Text1 = "" Then
MsgBox "Please Operator Code ", vbInformation, "Hotel Reservation"

```



```

Text1.SetFocus
Else
If Text2 = "" Then
MsgBox "Please User Name", vbInformation, "Hotel Reservation"
Text2.SetFocus
Else
If Text3 = "" Then
MsgBox "Please User Password", vbInformation, "Hotel Reservation"
Text3.SetFocus
Else
If Text4 = "" Then
MsgBox "Please Note About Operator", vbInformation, "Hotel Reservation"
Text4.SetFocus
Else
rs.AddNew
rs.Fields(1) = Text1.Text
rs.Fields(2) = Text2.Text
rs.Fields(3) = Text3.Text
rs.Fields(4) = Combo1.Text
rs.Fields(5) = Text4.Text
If Combo1.Text = "Manager" Then
rs.Fields(6) = Enabled
Else
If Combo1.Text = "Administrator" Then
rs.Fields(7) = Enabled
Else
rs.Fields(8) = Enabled
End If
End If
rs.Update
MsgBox "New Operator added", vbOKOnly, "Hotel Reservation"
End If
End If
End If

```

```
End If
Call Command3_Click
End Sub
```

### **5.3 Edit Button Code**

```
Private Sub Command5_Click()
    resinput = InputBox("Enter the Operator Code to be edited", "resinput")
    rs.MoveFirst
    Do Until rs.EOF
        If (rs.Fields(1) = resinput) Then
            Label7.Caption = rs.Fields(0)
            Text1.Text = rs.Fields(1)
            Text2.Text = rs.Fields(2)
            Text3.Text = rs.Fields(3)
            Combo1.Text = rs.Fields(4)
            Text4.Text = rs.Fields(5)
            Command1.Enabled = False
            Command3.Enabled = True
            Command8.Enabled = True
            Command5.Enabled = False
            Command4.Enabled = False
        End If
        rs.MoveNext
    Loop
    MsgBox "No data found.Try again..", vbOKOnly, "Hotel Reservation"
End Sub
```

### **5.4 Remove Button Code**

```
Private Sub Command4_Click()
    If rs.BOF Or rs.EOF = True Then
        MsgBox " END OF FILE", vbOKOnly, "Hotel Reservation"
    Else
```

```
rs.Delete
MsgBox " Operator is deleted "
End If
End Sub
```

### **5.5 Clear Button Code**

```
Private Sub Command3_Click()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Combo1.Text = "Administrator"
End Sub
```

### **5.6 First Button Code**

```
Private Sub Command10_Click()
If rs.BOF = True Then
MsgBox "beginning of record", vbOKOnly, "Hotel Reservation"
Else
rs.MoveFirst
Label7.Caption = rs.Fields(0)
Text1.Text = rs.Fields(1)
Text2.Text = rs.Fields(2)
Text3.Text = rs.Fields(3)
Text4.Text = rs.Fields(5)
Combo1.Text = rs.Fields(4)
End If
End Sub
```

### **5.7 Next Button Code**

```
Private Sub Command12_Click()
If rs.EOF <> True Then
rs.MoveNext
If rs.EOF = True Then
```

```

rs.MoveLast
MsgBox "End of record", vbInformation, "Hotel Reservation"
Else
Label7.Caption = rs.Fields(0)
Text1.Text = rs.Fields(1)
Text2.Text = rs.Fields(2)
Text3.Text = rs.Fields(3)
Text4.Text = rs.Fields(5)
Combo1.Text = rs.Fields(4)
End If
End If
End Sub

```

### **5.8 Previous Button Code**

```

Private Sub Command13_Click()
If rs.BOF <> True Then
rs.MovePrevious
If rs.BOF = True Then
rs.MoveFirst
MsgBox "begining of record", vbInformation, "Hotel Reservation"
Else
'rs1.MovePrevious
Label7.Caption = rs.Fields(0)
Text1.Text = rs.Fields(1)
Text2.Text = rs.Fields(2)
Text3.Text = rs.Fields(3)
Text4.Text = rs.Fields(5)
Combo1.Text = rs.Fields(4)
End If
End If
End Sub

```

### **5.9 Last Button Code**

```

Private Sub Command11_Click()

```



```

If rs.EOF = True Then
MsgBox ("End of record")
Else
rs.MoveLast
Label7.Caption = rs.Fields(0)
Text1.Text = rs.Fields(1)
Text2.Text = rs.Fields(2)
Text3.Text = rs.Fields(3)
Text4.Text = rs.Fields(5)
Combo1.Text = rs.Fields(4)
End If
End Sub

```

#### **5.10 Update Button Code**

```

Private Sub Command8_Click()
rs.Edit
rs.Fields(1) = Text1.Text
rs.Fields(2) = Text2.Text
rs.Fields(3) = Text3.Text
rs.Fields(4) = Combo1.Text
rs.Fields(5) = Text4.Text
Command1.Enabled = True
Command5.Enabled = True
Command4.Enabled = True
Command8.Enabled = False
MsgBox "Operator is updated", vbInformation, "Hotel Reservation"
End Sub

```

#### **5.11 Cancel Button Code**

```

Private Sub Command2_Click()
Unload Me
End Sub

```

#### **5.12 Ok Button code**

```

Private Sub Command9_Click()
Operator_setup.Hide
main.Show
End Sub

```

## **6.Manger Control Code**

### **6.1 Reservation Code**

#### **6.1.1 Form Load Code**

```

Private Sub Form_Resize()
    On Error Resume Next
    'This will resize the grid when the form is resized
    grdDataGrid.Height = Me.ScaleHeight - datPrimaryRS.Height - 30 - picButtons.Height
End Sub

```

#### **6.1.2 Add Button Code**

```

Private Sub cmdAdd_Click()
    On Error GoTo AddErr
    datPrimaryRS.Recordset.MoveLast
    grdDataGrid.SetFocus
    SendKeys "{down}"
    Exit Sub
AddErr:
    MsgBox Err.Description
End Sub

```

#### **6.1.3 Delete Button Code**

```

Private Sub cmdDelete_Click()
    On Error GoTo DeleteErr
    With datPrimaryRS.Recordset
        .Delete
        .MoveNext
    End With
    If .EOF Then .MoveLast
End With
Exit Sub

```

DeleteErr:

MsgBox Err.Description

End Sub

#### **6.1.4 Update Button Code**

Private Sub cmdUpdate\_Click()

On Error GoTo UpdateErr

datPrimaryRS.Recordset.UpdateBatch adAffectAll

Exit Sub

UpdateErr:

MsgBox Err.Description

End Sub

#### **6.1.5 Refresh Button Code**

Private Sub cmdRefresh\_Click()

'This is only needed for multi user apps

On Error GoTo RefreshErr

datPrimaryRS.Refresh

Exit Sub

RefreshErr:

MsgBox Err.Description

End Sub

#### **6.1.6 Close Button code**

Private Sub cmdClose\_Click()

Unload Me

End Sub

### **6.2 Check-in Code**

#### **6.2.1 Form Load Code**

Private Sub Form\_Resize()

On Error Resume Next

'This will resize the grid when the form is resized

grdDataGrid.Height = Me.ScaleHeight - datPrimaryRS.Height - 30 - picButtons.Height

End Sub

### **6.2.2 Add Button Code**

```
Private Sub cmdAdd_Click()  
    On Error GoTo AddErr  
    datPrimaryRS.Recordset.MoveLast  
    grdDataGrid.SetFocus  
    SendKeys "{down}"  
    Exit Sub  
AddErr:  
    MsgBox Err.Description  
End Sub
```

### **6.2.3 Delete Button Code**

```
Private Sub cmdDelete_Click()  
    On Error GoTo DeleteErr  
    With datPrimaryRS.Recordset  
        .Delete  
        .MoveNext  
    If .EOF Then .MoveLast  
    End With  
    Exit Sub  
DeleteErr:  
    MsgBox Err.Description  
End Sub
```

### **6.2.4 Update Button Code**

```
Private Sub cmdUpdate_Click()  
    On Error GoTo UpdateErr  
    datPrimaryRS.Recordset.UpdateBatch adAffectAll  
    Exit Sub  
UpdateErr:  
    MsgBox Err.Description  
End Sub
```



### **6.2.5 Refresh Button Code**

```
Private Sub cmdRefresh_Click()  
    'This is only needed for multi user apps  
    On Error GoTo RefreshErr  
    datPrimaryRS.Refresh  
    Exit Sub  
RefreshErr:  
    MsgBox Err.Description  
End Sub
```

### **6.2.6 Close Button code**

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

## **6.3 Check-out Code**

### **6.3.1 Form Load Code**

```
Private Sub Form_Load()  
    Set grdDataGrid.DataSource = datPrimaryRS.Recordset("ChildCMD").UnderlyingValue  
End Sub
```

### **6.3.2 Add Button Code**

```
Private Sub cmdAdd_Click()  
    On Error GoTo AddErr  
    datPrimaryRS.Recordset.AddNew  
    Exit Sub  
AddErr:  
    MsgBox Err.Description  
End Sub
```

### **6.3.3 Delete Button Code**

```
Private Sub cmdDelete_Click()
```

```

On Error GoTo DeleteErr
With datPrimaryRS.Recordset
    .Delete
    .MoveNext
    If .EOF Then .MoveLast
End With
Exit Sub
DeleteErr:
    MsgBox Err.Description
End Sub

```

#### **6.3.4 Update Button Code**

```

Private Sub cmdUpdate_Click()
    On Error GoTo UpdateErr
    datPrimaryRS.Recordset.UpdateBatch adAffectAll
Exit Sub
UpdateErr:
    MsgBox Err.Description
End Sub

```

#### **6.3.5 Refresh Button Code**

```

Private Sub cmdRefresh_Click()
    'This is only needed for multi user apps
    On Error GoTo RefreshErr
    datPrimaryRS.Refresh
    Set grdDataGrid.DataSource = datPrimaryRS.Recordset("ChildCMD").UnderlyingValue
Exit Sub
RefreshErr:
    MsgBox Err.Description
End Sub

```

#### **6.3.6 Close Button Code**

```

Private Sub cmdClose_Click()
    Unload Me

```

End Sub

## **7. Manager Log-in Codes**

### **7.1 Form Load Code**

Private Sub Form\_Load()

End Sub

### **7.2 OK Button Code**

Private Sub Command1\_Click()

Dim strSQL, access As String

Dim result As Boolean

Dim limit, i, a As Integer

access = "Manager"

If Text1.Text = "" Then

    MsgBox " Please enter Log-In Name "

    Text1.SetFocus

Else

If Text2.Text = "" Then

    MsgBox " Please enter Passoword "

    Text2.SetFocus

Else

Set file = OpenDatabase(App.Path + "/hoteldatabase.mdb")

Set tablo = file.OpenRecordset("Operator")

result = False

i = 0

strSQL = "SELECT \* FROM Operator "

Set tablo = file.OpenRecordset(strSQL)

    tablo.MoveFirst

Do

If ((Text1.Text = tablo.Fields(2)) And (Text2.Text = tablo.Fields(3)) And (tablo.Fields(6) = True)) Then

    result = True

    Text1.Text = ""

    Text2.Text = ""

```

Exit Do
Else
    result = False
End If
tablo.MoveNext
Loop Until tablo.EOF
If result = True Then
    managerlogin.Hide
    ManagerWindow.Show
Else
    Text1.Text = ""
    Text2.Text = ""
    MsgBox "Invalid Username or password.Try again..."
    Text1.SetFocus
End If
End If
End If
End Sub

```

### **7.3 Cancel Button Code**

```

Private Sub cmdCancel_Click()
    managerlogin.Hide
    main.Show

```

### **End Sub**

## **8.Administrator or Manager Log-in Code**

### **8.1 Form Load Code**

```

Private Sub Form_Load()
End Sub

```

### **8.2 OK Button Code**

```

Private Sub Command1_Click()
Dim strSQL, access As String
Dim result As Boolean

```



```

Dim limit, i, a As Integer
access = "Manager"
If Text1.Text = "" Then
    MsgBox " Please enter Log-In Name "
    Text1.SetFocus
Else
    If Text2.Text = "" Then
        MsgBox " Please enter Passoword "
        Text2.SetFocus
    Else
        Set file = OpenDatabase(App.Path + "/hoteldatabase.mdb")
        Set tablo = file.OpenRecordset("Operator")
        result = False
        i = 0
        strSQL = "SELECT * FROM Operator "
        Set tablo = file.OpenRecordset(strSQL)
        tablo.MoveFirst
        Do
            If ((Text1.Text = tablo.Fields(2)) And (Text2.Text = tablo.Fields(3))) Then
                If ((tablo.Fields(7) = True) Or (tablo.Fields(8) = True)) Then
                    result = True
                    Text1.Text = ""
                    Text2.Text = ""
                    Exit Do
                Else
                    result = False
                End If
            result = False
        End If
        tablo.MoveNext
    Loop Until tablo.EOF
    If result = True Then
        OperOrManagerLogin.Hide
        Operator_setup.Show
    End If
End If

```

```

Else
    Text1.Text = ""
    Text2.Text = ""
    MsgBox "Invalid Username or password.Try again... "
    Text1.SetFocus
End If
End If
End If
End Sub

```

### **8.3 Cancel Button Code**

```

Private Sub cmdCancel_Click()
    managerlogin.Hide
    main.Show
End Sub

```

## **9. Sub Codes for Main window**

```

Private Sub ResList()
Dim strSQL As String
On Error Resume Next
strSQL = "Select * from Reservation"
List1.Clear
List2.Clear
List7.Clear
With Data1
    .RecordSource = strSQL
    .Refresh
    .Recordset.MoveFirst
Do Until .Recordset.EOF
    If .Recordset.Fields(9) = True Then
        List7.AddItem .Recordset(0)
    End If
    .Recordset.MoveNext
Loop
End With

```

```
List1.AddItem .Recordset(2)
List2.AddItem .Recordset(7)
End If
.Recordset.MoveNext

Loop
End With
End Sub
```

---

#### **Private Sub expireconfirmation()**

```
With Data1
.RecordSource = "select * from reservation"
.Refresh
.Recordset.MoveFirst
Do Until .Recordset.EOF
On Error Resume Next
If .Recordset.Fields(7) < Date Then
.Recordset.Delete
End If
.Recordset.MoveNext
Loop
End With
MsgBox "Expired reservation deleted sucessfully...", vbInformation, "Hotel Reservation"
List1.Text = ""
List2.Text = ""
List7.Text = ""
Call ResList
End Sub
```

---

#### **Private Sub Label80\_Click()**

```
Data2.RecordSource = "select * from room "
Data2.Refresh
With Data2
.Recordset.MoveFirst
Do Until .Recordset.EOF
```

```

        If ((Combo2(0).Text = .Recordset.Fields(0)) And (Int(Text65.Text) <
.Recordset.Fields(2))) Then
            MsgBox " Out of Room capacity "
        Exit Sub
    Else
        .Recordset.MoveNext
    End If
Loop
End With
Command13.Enabled = True

```

**End Sub**

---

### **Private Sub optionsearch()**

```

Text30.Text = Int(0)
Text28.Text = Int(0)
Text29.Text = Int(0)
Text34.Text = Int(0)
Text32.Text = Int(0)
Text33.Text = Int(0)
Text56.Text = Int(0)
rs1.MoveFirst
Do Until rs1.EOF
    If rs1.Fields(11) = Text18.Text And rs1.Fields(13) = True Then
        Text35.Text = rs1.Fields(0)
        Label44.Caption = rs1.Fields(11)
        Label45.Caption = rs1.Fields(2)
        Label46.Caption = rs1.Fields(3)
        Label48.Caption = rs1.Fields(5)
        Label49.Caption = rs1.Fields(8)
        Label50.Caption = rs1.Fields(1)
        Label52.Caption = Date
        Label76.Caption = rs1.Fields(12)
        val = DateValue(Format(Now, "Short Date")) - rs1.Fields(1)
        If val = 0 Then

```

```

Label68.Caption = 1
Else
Label68.Caption = Int(DateValue(Format(Now, "Short Date"))) - rs1.Fields(1))
End If
Text31.Text = Label68.Caption
Command24.Enabled = True
Command26.Enabled = True
Call chkoutorder
Exit Sub
Else
rs1.MoveNext
End If
Loop
MsgBox "no datas found.", vbInformation, "Hotel Reservation"
Text18.Text = ""
Text18.SetFocus
End Sub

```

---

#### **Private Sub chkoutroom()**

```

Data2.Recordset.MoveFirst
Do Until Data2.Recordset.EOF
If Data2.Recordset.Fields(0) = Text18.Text Then
Data2.Recordset.Edit
Data2.Recordset.Fields(1) = False
Data2.Recordset.Update
MsgBox ("Visitor sucessfully checked out.. ") + Text18.Text, vbOKOnly, "Hotel
Reservation"
Exit Sub
Else
Data2.Recordset.MoveNext
End If
Loop
End Sub
Private Sub chkinpos()

```



```

Call Label80_Click
rs1.AddNew
rs1.Fields(1) = Text8.Text
rs1.Fields(2) = Text9.Text
rs1.Fields(3) = Text10.Text
rs1.Fields(4) = Text11.Text
rs1.Fields(5) = Text12.Text
rs1.Fields(6) = Text13.Text
rs1.Fields(7) = Text58.Text
rs1.Fields(9) = Text15.Text
rs1.Fields(8) = Text17.Text
rs1.Fields(12) = Text65.Text
rs1.Fields(10) = Combo1.Text
rs1.Fields(11) = Combo2(0).Text
rs1.Fields(13) = True
rs1.Update
Data2.Recordset.MoveFirst
Do Until Data2.Recordset.EOF
If Data2.Recordset.Fields(0) = Combo2(0).Text Then
Data2.Recordset.Edit
Data2.Recordset.Fields(1) = True
Data2.Recordset.Update
MsgBox ("Data added. Room allotted for visitor " & Combo2(0).Text, vbInformation, "Hotel
Reservation"
Call Command9_Click
Exit Sub
Else
Data2.Recordset.MoveNext
End If
Loop
End Sub

```

---

#### **Private Sub orderlist()**

```
Dim gen As Integer
```

```

List13.Clear
List8.Clear
List9.Clear
List10.Clear
List12.Clear
gen = Int(0)
With Data4
.Recordset.MoveFirst
Do Until .Recordset.EOF
    If Data4.Recordset.Fields(1) = Label66.Caption And Data4.Recordset.Fields(10) = True
Then
    List13.AddItem .Recordset.Fields(0)
    List8.AddItem .Recordset.Fields(5)
    List9.AddItem .Recordset.Fields(6)
    List10.AddItem .Recordset.Fields(7)
    List12.AddItem .Recordset.Fields(8)
    gen = gen + .Recordset.Fields(8)
    .Recordset.MoveNext
Else
    .Recordset.MoveNext
End If
Loop
End With
Label73.Caption = gen
End Sub

```

---

**Private Sub chkoutorder()**

```

gene = Int(0)
With Data4
.Recordset.MoveFirst
Do Until .Recordset.EOF
    If Data4.Recordset.Fields(1) = Text35.Text And Data4.Recordset.Fields(10) = True Then
gene = gene + .Recordset.Fields(8)
    .Recordset.MoveNext

```

```
Else
    .Recordset.MoveNext
End If
Loop
End With
Text29.Text = gene
```

**End Sub**

---

**Private Sub delcheckin()**

```
If Text58.Text = Int(0) Then
    Exit Sub
Else
    rs.MoveFirst
    Do Until rs.EOF
        If rs.Fields(0) = Text58.Text Then
            rs.Edit
            rs.Fields(9) = False
            rs.Update
            Exit Sub
        Else
            rs.MoveNext
        End If
    Loop
End If
End Sub
```

---

**Private Sub OptionRes1()**

```
rs.MoveFirst
Do Until rs.EOF
    If rs.Fields(0) = Text6.Text Then
        Text1.Text = rs.Fields(2)
        Text2.Text = rs.Fields(3)
        Text3.Text = rs.Fields(4)
        Text4.Text = rs.Fields(5)
```

```

Text5.Text = rs.Fields(6)
Text7.Text = rs.Fields(1)
Text59.Text = rs.Fields(8)
DTPicker1.Value = rs.Fields(7)
Exit Sub
Else
rs.MoveNext
End If
Loop
Call Command4_Click
MsgBox "No data on this Reservation ID ....!!!", vbInformation, "Hotel Reservation"
End Sub

```

---

#### **Private Sub delorder()**

```

With Data4
.Recordset.MoveFirst
Do Until .Recordset.EOF
If Data4.Recordset.Fields(1) = Text35.Text And Data4.Recordset.Fields(10) = True Then
Data4.Recordset.Edit
Data4.Recordset.Fields(10) = False
Data4.Recordset.Update
.Recordset.MoveNext
Else
.Recordset.MoveNext
End If
Loop
End With
End Sub
Private Sub clrres()
Text1.Text = ""
Text2.Text = ""
Text59.Text = Int(0)
Text3.Text = ""
Text4.Text = ""

```

```
Text5.Text = ""  
DTPicker1.Value = Date
```

**End Sub**

---

**Private Sub Toolbar1\_ButtonClick(ByVal Button As MSComctlLib.Button)**

```
If Button.Key = "logoff" Then
```

```
    Button.Value = tbrPressed
```

```
    main.Hide
```

```
    Button.Value = tbrUnpressed
```

```
    LoginWin.Show
```

```
Else
```

```
If Button.Key = "info" Then
```

```
    Button.Value = tbrPressed
```

```
    info.Show
```

```
    Button.Value = tbrUnpressed
```

```
Else
```

```
If Button.Key = "ts" Then
```

```
    Button.Value = tbrPressed
```

```
    sta.Show
```

```
    Button.Value = tbrUnpressed
```

```
End If
```

```
End If
```

```
End If
```

**End Sub**

---

**Private Sub comboroom()**

```
Dim sql As String
```

```
Combo2(0).Clear
```

```
sql = "Select * from room where status= no "
```

```
    Data2.RecordSource = sql
```

```
    Data2.Refresh
```

```
Data2.Recordset.MoveFirst
```

```
    Do Until Data2.Recordset.EOF
```

```
        Combo2(0).AddItem Data2.Recordset("roomno")
```



```
List3.AddItem.Index (1)
Data2.Recordset.MoveNext
Loop
```

**End Sub**

---

**Private Sub comboroom1()**

```
Dim sql As String
Combo2(2).Clear
sql = "Select * from room "
Data2.RecordSource = sql
Data2.Refresh
Data2.Recordset.MoveFirst
Do Until Data2.Recordset.EOF
    If Data2.Recordset.Fields(1) = True Then
        Combo2(2).AddItem Data2.Recordset("roomno")
        List3.AddItem.Index (1)
    End If
    Data2.Recordset.MoveNext
Loop
```

**End Sub**

---

**Private Sub showres()**

```
If Data1.Recordset.Fields(7) = Date Then
Text9.Text = Data1.Recordset.Fields(2)
Text10.Text = Data1.Recordset.Fields(3)
Text12.Text = Data1.Recordset.Fields(4)
Text58.Text = Data1.Recordset.Fields(0)
Text17.Text = Data1.Recordset.Fields(6)
Text65.Text = Data1.Recordset.Fields(8)
End If
Exit Sub
```

**End Sub**

---

**Private Sub checkdate()**

```

If Data1.Recordset.Fields(7) > Date Then
    MsgBox " This reservation have a time to "
    Exit Sub
Else
    If Data1.Recordset.Fields(7) < Date Then
        MsgBox " This reservaiton date have been expired "
        Exit Sub
    Else
        Call showres
    End If
End If
End Sub

```

### **10.Sub code for Room Status**

```

Private Sub checkin()
Data1.Recordset.MoveFirst
Do Until Data1.Recordset.EOF
    If Combo2(0).Text = Data1.Recordset.Fields(11) And Data1.Recordset.Fields(13) = True
    Then
        Label10.Caption = Data1.Recordset.Fields(2)
        Label11.Caption = Data1.Recordset.Fields(3)
        Label12.Caption = Data1.Recordset.Fields(10)
        Label13.Caption = Data1.Recordset.Fields(4)
        Label14.Caption = Data1.Recordset.Fields(12)
        Label15.Caption = Data1.Recordset.Fields(1)
        Exit Sub
    Else
        Data1.Recordset.MoveNext
    End If
Loop
MsgBox "No matches found.Please try again..", vbInformation, "Hotel Reservation"
End Sub

```

**Private Sub orderprice()**

On Error GoTo msg2

gene = Int(0)

With Data2

.Recordset.MoveFirst

Do Until .Recordset.EOF

If .Recordset.Fields(9) = Combo2(0).Text And Recordset.Fields(10) = True Then

gene = gene + .Recordset.Fields(8)

.Recordset.MoveNext

Else

.Recordset.MoveNext

End If

Loop

End With

Label16.Caption = gene

msg2:

MsgBox Err.Description

**End Sub**

---

**Private Sub comboroom1()**

Dim sql As String

Combo2(0).Clear

sql = "Select \* from room where status= yes "

Data2.RecordSource = sql

Data2.Refresh

Data2.Recordset.MoveFirst

Do Until Data2.Recordset.EOF

Combo2(0).AddItem Data2.Recordset("roomno")

List3.AddItem.Index (1)

Data2.Recordset.MoveNext

Loop

**End Sub**

## **11. Sub Code for Hotel Statistic**

Private Sub roomoccupied()

Dim sql As String

sql = "Select \* from room"

With Data1

.RecordSource = sql

.Refresh

.Recordset.MoveFirst

Do Until .Recordset.EOF

On Error Resume Next

If .Recordset.Fields(1) = True Then

occupied = occupied + 1

Else: vacant = vacant + 1 List4(0).AddItem .Recordset("roomno")

End If

.Recordset.MoveNext

Loop

End With

**End Sub**

---

**Private Sub statchkin()**

Dim sql As String

sql = "Select \* from checkin"

With Data1

.RecordSource = sql

.Refresh

.Recordset.MoveFirst

Do Until .Recordset.EOF

On Error Resume Next

If .Recordset.Fields(1) = Date Then

chkin = chkin + 1

End If

.Recordset.MoveNext

Loop

End With

**End Sub**

---

**Private Sub statreserv()**

Dim sql As String

Sql = "Select \* from reservation"

With Data2

.RecordSource = sql

.Refresh

.Recordset.MoveFirst

Do Until .Recordset.EOF

On Error Resume Next

If .Recordset.Fields(1) = Date Then

    reserv = reserv + 1

End If

.Recordset.MoveNext

Loop

End With

**End Sub**

---

**Private Sub statchkout()**

Dim sql As String

sql = "Select \* from checkout"

With Data3

.RecordSource = sql

.Refresh

.Recordset.MoveFirst

Do Until .Recordset.EOF

On Error Resume Next

If .Recordset.Fields(9) = Date Then

    chkout = chkout + 1

End If



.Recordset.MoveNext

Loop

End With

**End Sub**

## REFERENCES

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4. [www.ask.com](http://www.ask.com)
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