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

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Student : Atilla Öztük ( 970403 )
Supervisor : Mr. Okan Donangil

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

Secondly, I want to say special thanks to my University staff such as my teachers and others. In the preparation 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 powerful Visual Programming Language in the world. My program includes Reservation, Check-In, Check-Out, Service, Statistic 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- Explanation of Forms which used in Hotel Reservation Program

a.) DATABASE CONTENT – MsAccess2000

Database help us to store our information in different ways. There are many database programming language like Fox – Pro, Paradox, Dbase, Oracle and so 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:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>oper_id</td>
<td>AutoNumber</td>
<td>Operator ID number it gives by the program automatically</td>
</tr>
<tr>
<td>oper_code</td>
<td>Text</td>
<td>Operator Code</td>
</tr>
<tr>
<td>oper_username</td>
<td>Text</td>
<td>Operator Name to use for log-in</td>
</tr>
<tr>
<td>oper_password</td>
<td>Text</td>
<td>Operator Password to use for log-in</td>
</tr>
<tr>
<td>oper_access</td>
<td>Text</td>
<td>Operator Access Level to use program</td>
</tr>
<tr>
<td>oper_notes</td>
<td>Text</td>
<td>Notes about operator</td>
</tr>
<tr>
<td>status_manager</td>
<td>Yes/No</td>
<td>Status of Operator If this option is available operator takes the manager status</td>
</tr>
<tr>
<td>status_administrator</td>
<td>Yes/No</td>
<td>Status of Operator If this option is available operator takes the administrator status</td>
</tr>
<tr>
<td>status_reservations</td>
<td>Yes/No</td>
<td>Status of Operator If this option is available operator takes the reservations status</td>
</tr>
</tbody>
</table>
### ii. Check-In Table:

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

### iii. Check-Out Table:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chkoutid</td>
<td>AutoNumber</td>
<td>This fields gives me number to control my check-out</td>
</tr>
<tr>
<td>Chkinid</td>
<td>Number</td>
<td>Check-in id of customer</td>
</tr>
<tr>
<td>Ordid</td>
<td>Number</td>
<td>Customer Order Id</td>
</tr>
<tr>
<td>Roomno</td>
<td>Number</td>
<td>Customer Room Number</td>
</tr>
<tr>
<td>Name</td>
<td>Text</td>
<td>Customer First Name</td>
</tr>
<tr>
<td>Surname</td>
<td>Text</td>
<td>Customer Last Name</td>
</tr>
<tr>
<td>Address</td>
<td>Text</td>
<td>Customer Address</td>
</tr>
<tr>
<td>Phone</td>
<td>Number</td>
<td>Customer Phone</td>
</tr>
<tr>
<td>Chkdate</td>
<td>Date/Time</td>
<td>Customer Check-in Date</td>
</tr>
<tr>
<td>Chkoutdate</td>
<td>Date/Time</td>
<td>Customer Check-out Date</td>
</tr>
<tr>
<td>Chkouttime</td>
<td>Date/Time</td>
<td>Customer Check-out Time</td>
</tr>
<tr>
<td>Duration</td>
<td>Number</td>
<td>Total days of Customer Stay</td>
</tr>
<tr>
<td>Discount</td>
<td>Number</td>
<td>Discount percentage</td>
</tr>
<tr>
<td>r_cahargeper</td>
<td>Number</td>
<td>Room Charge for per night</td>
</tr>
<tr>
<td>r_night</td>
<td>Number</td>
<td>Duration of Customer</td>
</tr>
<tr>
<td>r_total</td>
<td>Number</td>
<td>Total Room Charge</td>
</tr>
<tr>
<td>Tax</td>
<td>Number</td>
<td>Governmental Tax (Percentage)</td>
</tr>
<tr>
<td>tot_tax</td>
<td>Number</td>
<td>Total Amount of Tax</td>
</tr>
<tr>
<td>Gentot</td>
<td>Number</td>
<td>General Total for customer transaction</td>
</tr>
<tr>
<td>Adult</td>
<td>Number</td>
<td>Number of adult</td>
</tr>
</tbody>
</table>
iv. Reservation Table:

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

v. Order Table:

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

vi. Room Table:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roomno</td>
<td>Number</td>
<td>Room Number</td>
</tr>
<tr>
<td>Status</td>
<td>Yes/No</td>
<td>To Check status of Record (Yes = in use, No = not in use)</td>
</tr>
<tr>
<td>Capacity</td>
<td>Number</td>
<td>Room Capacity</td>
</tr>
</tbody>
</table>
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. n 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](image)

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.

![Reservation Tab](image)

**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 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)
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.)
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.)
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- Transactions 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.)
iii. 3.2 View Report:

This sub menu provide us to see our Reservation, Check-In and Check-Out Reports by 3 separate tab and user can have total amount of all check-out transaction. (see Figure 7, Figure 8 and Figure 9)
iii. 3.3 Hotel Statistics

This sub menu inform user about daily reservation made, check-in made, check-out made, Occupied Room and Vacant Room Status. (Figure 10.)
iii.3.4 Transaction History

This sub menu provide user to have transaction history for a customer by entering his name and surname to see his transaction history and his total amount of pay to the hotel. (Figure 11.)

![Figure 11. Transaction History View](image)

**Figure 11. Transaction History View**

iv.1 Operator Set-Up

This menu is only available for who has Manager or Administrator access level. When user try to enter to this sub menu, user will face with the Log-in window. Operator Set-up is providing to create new user, edit old information or remove the user from the program. (see Figure 12 and Figure 13)

![Figure 12. Operator or Manager Log-in window.](image)
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. (Figure 14, 15, 16)
v. About

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

A. PROGRAM CODES

1- Log – in to program window codes 22
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      iii. Edit Button code 27
      iv. Update Button code 27
   v. Clear Button code 28
   vi. List Reservation Button code 28
   vii. Delete Expired Reservation Button Code 29
   viii. Cancel Reservation Button Code 29

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   i. Search Button Code 29
   ii. Search by Reservation Id Button Code 31
   iii. Sort Room Button Code 31
   iv. Room Status Button Code 32
   v. Add Button Code 33
   vi. Edit Button Code 35
   vii. Update Button Code 36
   viii. Remove Button Code 36
   ix. Clear Button Code 36
   x. First Button Code 38
   xi. Next Button Code 39
   xii. Previous Button Code 39
xiii. Last Button Code

d. Check-Out Tab Codes

   i. Search Button Code
   ii. Detail Button Code
   iii. Calculate Button Code
   iv. Save Button Code
   v. Bill Button Code
   vi. Clear Button Code

e. Services to Customer Tab Codes

   i. Search Button Code
   ii. Calculate Button Code
   iii. Add Button Code
   iv. Edit Button Code
   v. Update Button Code
   vi. Remove Button Code
   vii. Clear Button Code

3. Menu codes

   3.1 Log-Out Code
   3.2 Exit Code
   3.3 Room status Code

      i. Form Code
      ii. Search Button Code
      iii. Close Button Code
      iv. Print Button Codes

   3.4 Hotel Statictic Code

      i. Form Code
      ii. Close Button Code
      iii. Print Button Code

   3.5 View Report Code

      3.5.1 Form Code
      3.5.2 Close Button Code
      3.5.3 Print Button Code
      3.5.4 Reservation tab Code

         i. Show Button Code
3.5.6 Check-in tab Code
  i. Show Button Code

3.5.7 Check-Out Tab Code
  i. Show Button Code

4. Transaction History Codes
  4.1 Form Load Code
  4.2 List Button Code
  4.3 Print Button Code
  4.4 Close Button Code

5. Operator Set-up Codes
  5.1 Form Load Code
  5.2 Add Button Code
  5.3 Edit Button Code
  5.4 Remove Button Code
  5.5 Clear Button Code
  5.6 First Button Code
  5.7 Next Button Code
  5.8 Previous Button Code
  5.9 Last Button Code
  5.10 Update Button Code
  5.11 Cancel Button Code
  5.12 Ok Button code

6. Manager Control Code
  6.1 Reservation Code
  6.1.1 Form Load Code
  6.1.2 Add Button Code
  6.1.3 Delete Button Code
  6.1.4 Update Button Code
  6.1.5 Refresh Button Code
  6.1.6 Close Button code
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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
                End If
            Loop
            If result Then
                MsgBox "Login Successful"
            Else
                MsgBox "Login Failed"
            End If
        End If
    End If
End Sub
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 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
Command32.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
Command25.Enabled = False
Command3.Enabled = False
Command16.Enabled = False
Call clrres
Call comboroom
Call comboroom1
End Sub

b. Reservation Tab Code

i. Search Button code

Private Sub Command8_Click()
If rs.BOF Then
    MsgBox " Database is empty "
    Exit Sub
Else
    rs.MoveFirst
    If Option3.Value = True Then
        Call OptionRes1
Else
rs.MoveNext
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 address", vbInformation, "Hotel Reservation"
Text3.SetFocus
Else
If Text4 = "" Then
MsgBox "Please enter e-mail address", 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"
End If
End If
End If
End If
End If
Else
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(8)
            DTPicker1.Value = rs.Fields(7)
            Text59.Text = rs.Fields(9)
            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"
    Exit If
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 = ""

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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
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 reservation 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).Addltem Data2.Recordset("roomno")
        Data2.Recordset.MoveNext
        Else:
            Data2.Recordset.MoveNext
        End If
    Loop
    Combo2(0).Listlndex = 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 address", vbInformation, "Hotel Reservation"
                    Text12.SetFocus
                Else
                    If Text13.Text = "" Then
                        MsgBox "Please enter city", vbInformation, "Hotel Reservation"
                        Text13.SetFocus
                    Else

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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
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

\**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)
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
    rs1.MovePrevious
End If
End If
End Sub
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
WithData4
.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)
 .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
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
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(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.MoveNext
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
    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
End Sub
End If
Loop

Command29.Enabled = False
Command30.Enabled = False
Command31.Enabled = False
Command32.Enabled = False
Command33.Enabled = False
Command34Enabled = 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(5) = Text60.Text
            Data4.Recordset.Fields(8) = Text64.Text
            Data4.Recordset.Fields(9) = Combo2(2).Text
            Data4.Recordset.Fields(10) = True
            Data4.Recordset.Update
            MsgBox " Order has been added "
            Call orderlist
        End If
    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)
Text60.Text = Data4.Recordset.Fields(5)
Text61.Text = Data4.Recordset.Fields(6)
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(5) = Text60.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 = ""
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 combo room 1

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 statcheckin
Label10.Caption = checkin
Call statusreserv
Label11.Caption = reserv
Call statcheckout
Label12.Caption = checkout
End Sub
11. **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()
End Sub

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**
### 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

#### 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.MoveNext
  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 Button 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.MoveNext

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. Transaction 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

End Sub
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
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)
        End If
    Loop
End With
End Sub
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. Operator 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.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
End If
rs.Update
MsgBox "New Operator added", vbOKOnly, "Hotel Reservation"
End If
End If
End If
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
        Exit Sub
    Else
        rs.MoveNext
    End If
    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

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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(4)
        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.MoveNext
        End If
        rs.MoveNext
        If rs.EOF = True Then
            rs.MoveNext
        End If
    End If
End Sub
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.MoveNext
Label7.Caption = rs.Fields(0)
Text1.Text = rs.Fields(1)
Text2.Text = rs.Fields(2)
Text3.Text = rs.Fields(3)
Text4.Text = rs.Fields(4)
Combo1.Text = rs.Fields(5)
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

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

6. Manager 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.MoveNext
  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
    If .EOF Then .MoveLast
  End With
  Exit Sub
End 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
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
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 Passowrd"
        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 = ""
            
End Sub
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 Password ")
        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
            End If
        tablo.MoveNext
        Loop Until tablo.EOF
        If result = True Then
            OperOrManagerLogin.Show
            Operator_setup.Show
    End If
    result = False
End If
tablo.MoveNext
Loop Until tablo.EOF
If result = True Then
    OperOrManagerLogin.Hide
    Operator_setup.Show
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)
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
    End If
End If
.Recordset.MoveNext
Loop
End With
End Sub
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

Private Sub optionsearch()
    Text30.Text = Int(O)
    Text28.Text = Int(O)
    Text29.Text = Int(O)
    Text34.Text = Int(O)
    Text32.Text = Int(O)
    Text33.Text = Int(O)
    Text56.Text = Int(O)
    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

            End If
    End If
    rs1.MoveNext
End Sub
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(8) = Text15.Text
rs1.Fields(9) = Text17.Text
rs1.Fields(10) = Combo1.Text
rs1.Fields(11) = Combo2(0).Text
rs1.Fields(12) = Text65.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 alloted 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
List 13. Clear
List 8. Clear
List 9. Clear
List 10. Clear
List 12. Clear

gen = Int(0)

With Data4
  .Recordset.MoveFirst
  Do Until .Recordset.EOF
      List 13. AddItem .Recordset.Fields(0)
      List 8. AddItem .Recordset.Fields(5)
      List 9. AddItem .Recordset.Fields(6)
      List 10. AddItem .Recordset.Fields(7)
      List 12. 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
  End If
  Loop
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 = ""

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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")
    End Do
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. Addltem.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)
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 reservation 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)
    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")
  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
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
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