Jeevandeep Mahavidyalaya

TITLE OF THE PROJECT

Guest House Management

SUBMITTED BY

Surya Bhan
Enrollment No.**: KA2K22/132870059**

DATE OF SUBMISSION

10/08/2024

Under The Guidance Of: *.Mr. Shivchand Sir*

Submitted in partial fulfillment of the requirements for
qualifying Bsc.

Jeevandeep Mahavidyalaya
Affilated to MGKVP Varanasi
Bada Lalpur ,P.O.Lamhi,Varanasi

Project certificate

This is to certify that the Project/Dissertation entitled, Guest House Management is a bona fide work done by **Surya Bhan** (Enrollment No. **KA2K22/132870059**) in partial fulfillment of Bsc examination has been carried out under my direct supervision and guidance. This report or a similar report on the topic has not been submitted for any other examination and does not form part of any other course undergone by the candidate.

Jeevandeep Mahavidyalaya
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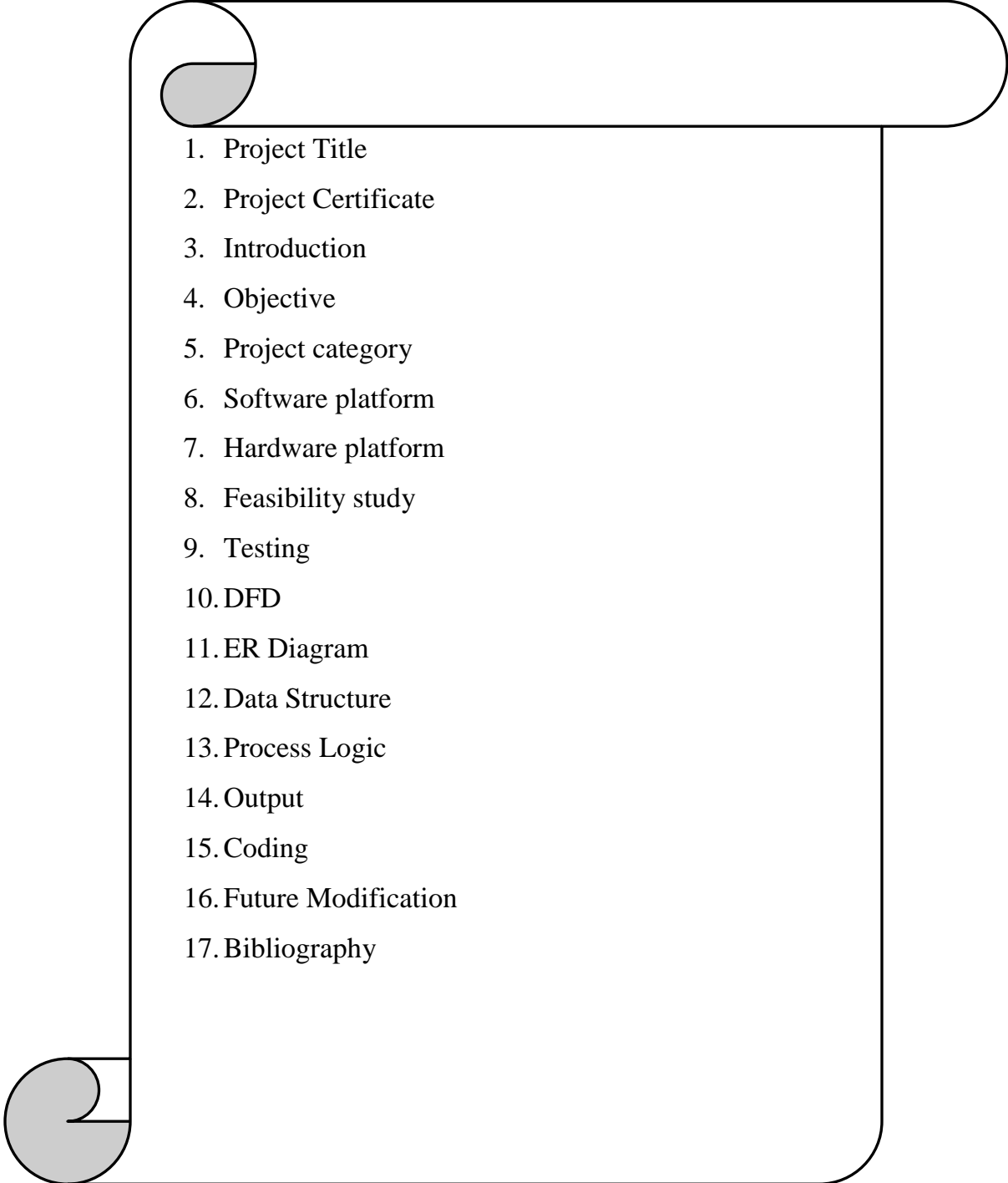
Submmited by: **Guided by:**
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                                 Computer Faculty
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                                    Lamhi,Varanasi

Signature :   Signature :

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Project Title

Introduction

Welcome to **GUEST HOUSE MANAGEMENT**. This project is for many purposes because I want to give full satisfaction of the user.

In my project I provide many facilities to user. In Guest House Management it is very difficult to manage all things but with the help of my software it becomes very easy to handle. It saves our time and paper work.

So we consider the above problem and make this software. In this software you store all kinds of information like-

- User can Stuff enry like rooms , Products and services entry
- Product entry,product unit entry
- Sale records
- Reporting of sale customer ,product and Service wise
- Sell ledger
- Details reporting

Objective of the Project

Our consideration while developing this software was to achieve the following goals:-

1-   This software is for Guest House Management so it provides those facilities, which is used in any Startup Guest House.

2-   It also saves the valuable time of the Guest House owner and lots of paper works.

3-   This will save lots of effort of the user. He/She is able to manage lots of information after using this software and also able for seeing in different angles.

4-   User can manage all the records very easily. You can generate all kinds of reports like bundle Product Sale, Services Sale receiving, customer detail and many more reports for management.

We also try to maintain security of data. User cannot enter directly to the software without using login and password

Project Category

This project belongs to the category of application software as use the applications of Guest House Management can it. It is a desktop application, At a time only One user can use it. It is a type of commercial software so terms and conditions are provides by the vender to buyer.

Software Platform

Implementation Platform

The following software is required.

- Operating System   -Window 7

- Back End   -MS-Access

- Front End   -Visual Basic .Net

Development Platform

The following S/W was used n developing the system.

- Operating System   -Window 7

- Back End   -MS-Access

- Front End   -VB.Net

Hardware Platform

Development platform
The following H/W components were used in developing the system project.

RAM	- more than 64 MB
HDD	- 20 GB or greater
Monitor	- EGA/VGA
Keyboard	- Input Device
Mouse	- As a pointer Device
Processor	- Pentium Minx

Implementation Platform

The following H/W is required

RAM	- more than 64 MB
HDD	- 20 GB or greater
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Keyboard	-Input Device
Mouse	- As a pointing device
Processor	- Pentium Minx

Feasibility Study

It has very important place in the study of any software because if the project are not feasible then working on this working on this software is not a good work.

So I conducted the feasibility study in order to check out whether our software "GUEST HOUSE MANAGEMENT" is feasible or not. So we study about thee types of feasibility:-

- Economic Feasibility

- Technical Feasibility

- Operational Feasibility

So brief description of above are following

1 <u>Economic Feasibility</u>:-

In this study, I was concerned about broad range of factors. Our software has no need of any other equipment or software. It saves very much time and lots of manual work. It also saves the paper work of the person.

So, in short we can say that it is economic feasible software and saves lots of expenses of the person and time as well.

2 <u>Technical Feasibility</u>:-

In technical feasibility we studied that the system is technical feasible or not. If system is not feasible then, a system analyst takes a decision about software that will be proceeding out or not.

So, we take care of that our software is overall technically feasible. I take care of the development and technology of the Varanasi region for ensuring availability of the hardware and software needs for implementation of this project and that is minimal.

3 <u>Operational feasibility:-</u>

Our software is user friendly. So a person who does not have any technical background can operate this software, prior knowledge of computer is not mandatory for operating the software. Icons menus and its options describing its meaning itself, input and output form are designed in user friendly way for providing proper instructions with user.

So we specially take care of that software is operational feasible.

Testing

Testing phase is one of the important phase in between developed and implementation phase. We perform testing to ensure code optimization and to ensure accuracy and validity of entered data.

The system development phases involve many activities where chances for occurrence of human errors are enormous. Logical error, carelessness, improper communication, the need to hurry through the whole process of software development due to time constraint, cost constraints etc. provide ways for errors to creep in. The system must be tested thoroughly so that such error to creep in. The system must be tested thoroughly so that such error are detected and corrected as early as possible. A successful text is one that uncovers every possible error.

There are following testing methods which are below:-

1   BLACK BOX TESTING:-

In black box testing we checked modules by giving test data prepared by keeping all possibilities.

2 UNIT TESTING:-

In unit testing each module checked for following:

1- Interface

2- Local data structure

3- Boundary conditions

4- Independents paths

5- Error handling paths

3 SYSTEM TESTING:-

Modules added to project in incremental approach and overall testing performed on system to evaluate its overall performance with stated requirement of user.
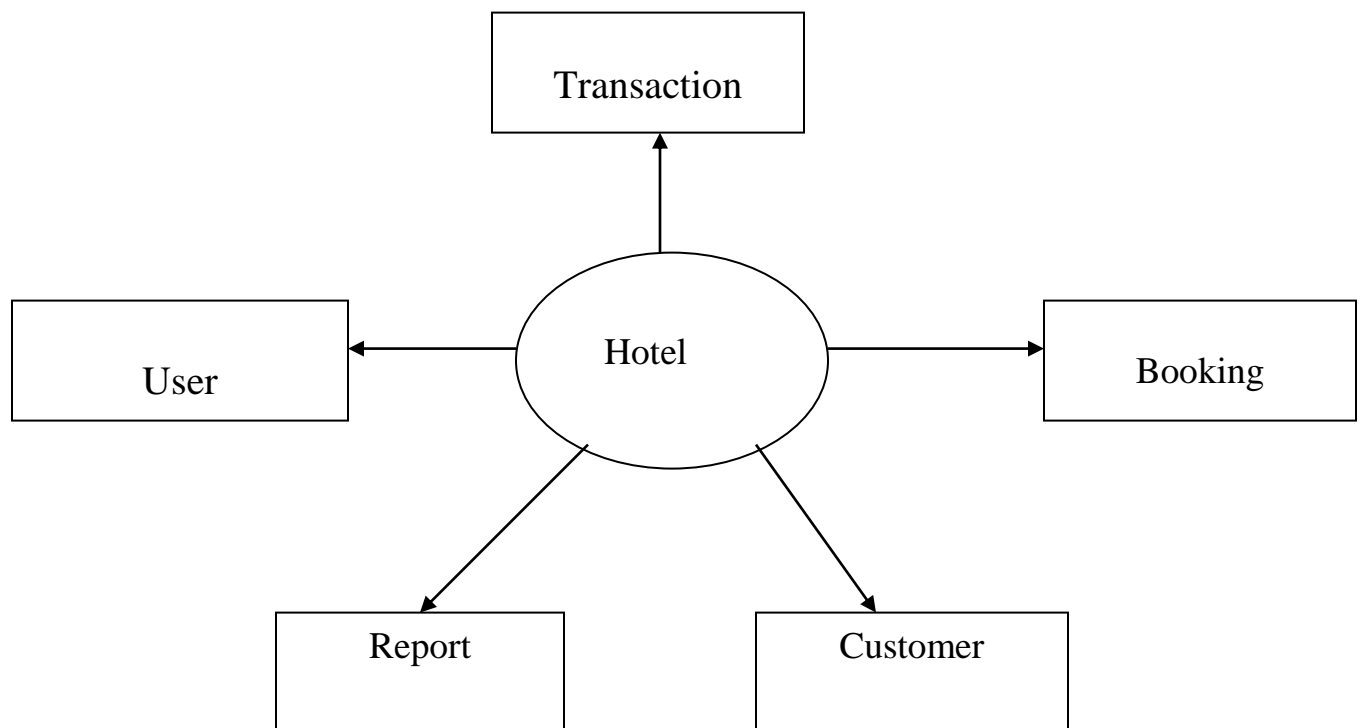

4 WHITE BOX TESTING:-

We ensure following by performing white box testing:

1. Guarantee that all independents path within a module exercised at least one.

2. Exercise all logical decision on their true and false sides.

3. Execute all loops at their boundary.

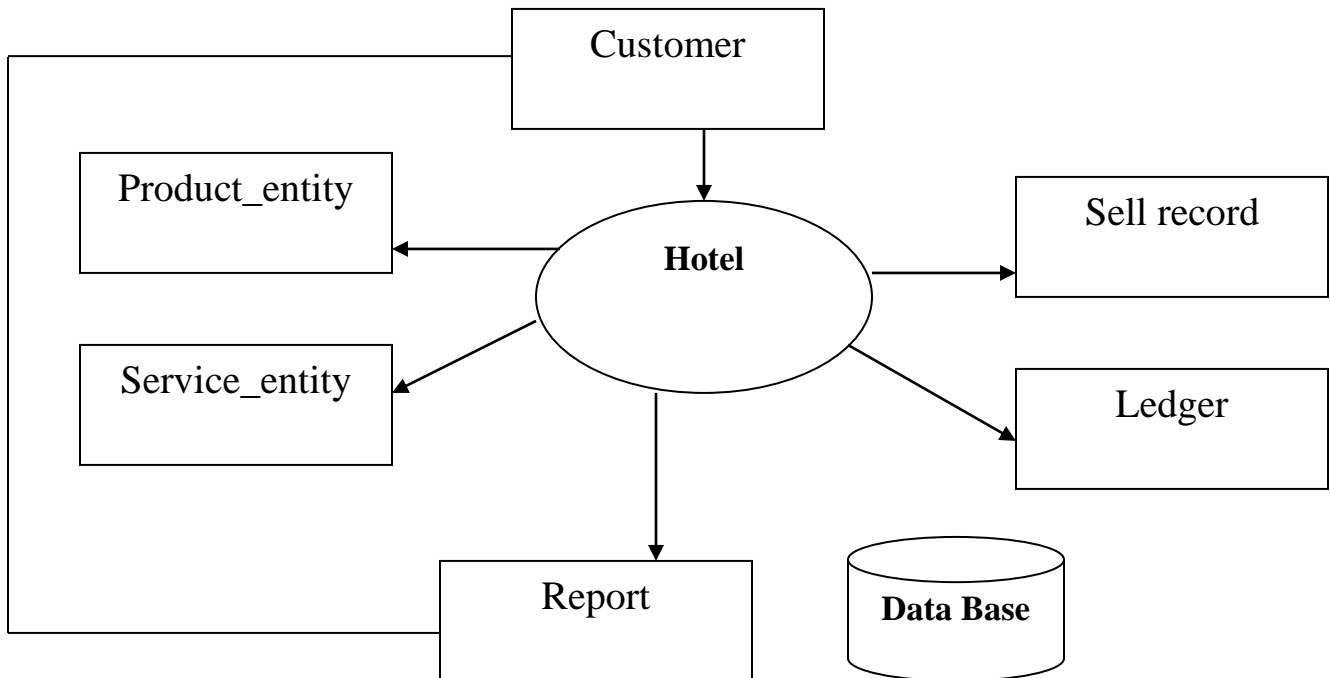4. Exercise internal data structure to ensure validity.

By performing glass box testing, we achieved code optimization by removing unnecessary codes.
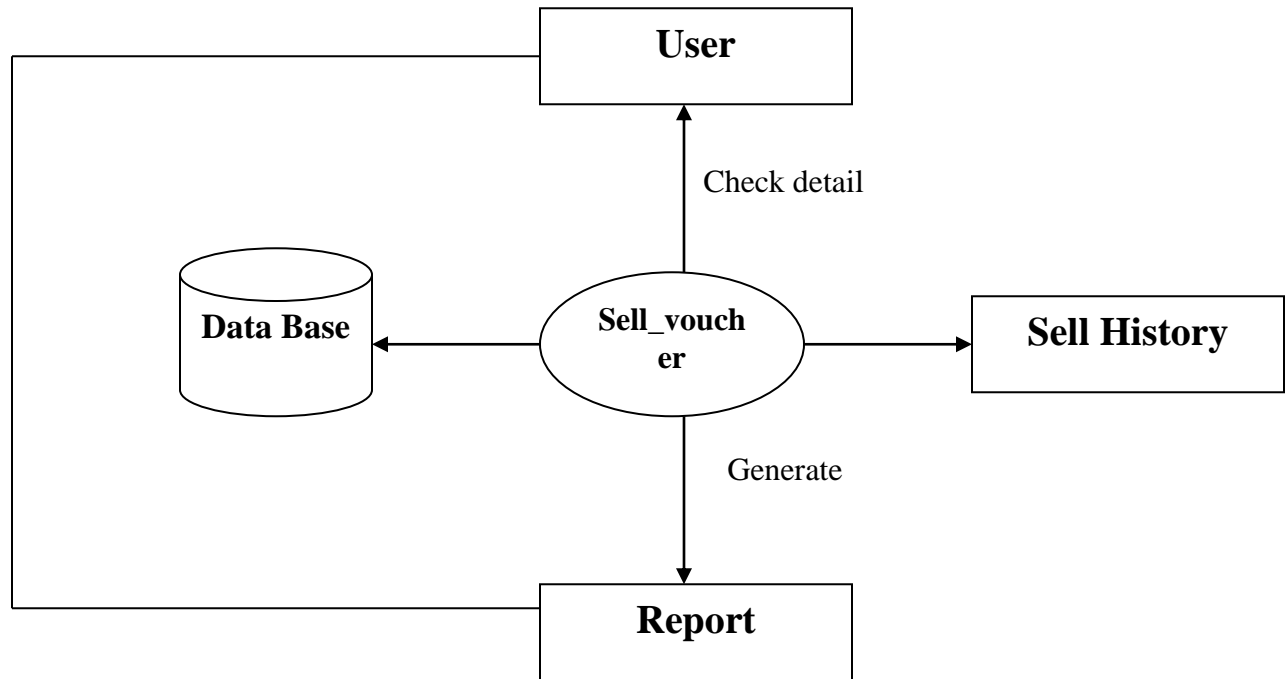
DFD

I) DFD on Guest House Management

```
                    ┌──────────────┐
                    │  Transaction │
                    └──────────────┘
                           ▲
                           │
      ┌──────────┐      ╭───────╮      ┌──────────┐
      │   User   │ ◄────│ Hotel │────► │ Booking  │
      └──────────┘      ╰───────╯      └──────────┘
                        ╱       ╲
                       ╱         ╲
              ┌──────────┐   ┌──────────┐
              │  Report  │   │ Customer │
              └──────────┘   └──────────┘
```

II) DFD ON CUSTOMER TABLE

Customer

Product_entity

Hotel

Sell record

Service_entity

Ledger

Report

Data Base

III) DFD ON Commition:

Save Detail on

Data Base

Customer

Service

Maintain by

Save on

Register

Save

Have

User

Receipt

Provide to

Purchase

Enquiry

Data Base

B.S.M.S

Provide

Shop

Save

Have

Maintain

Transaction
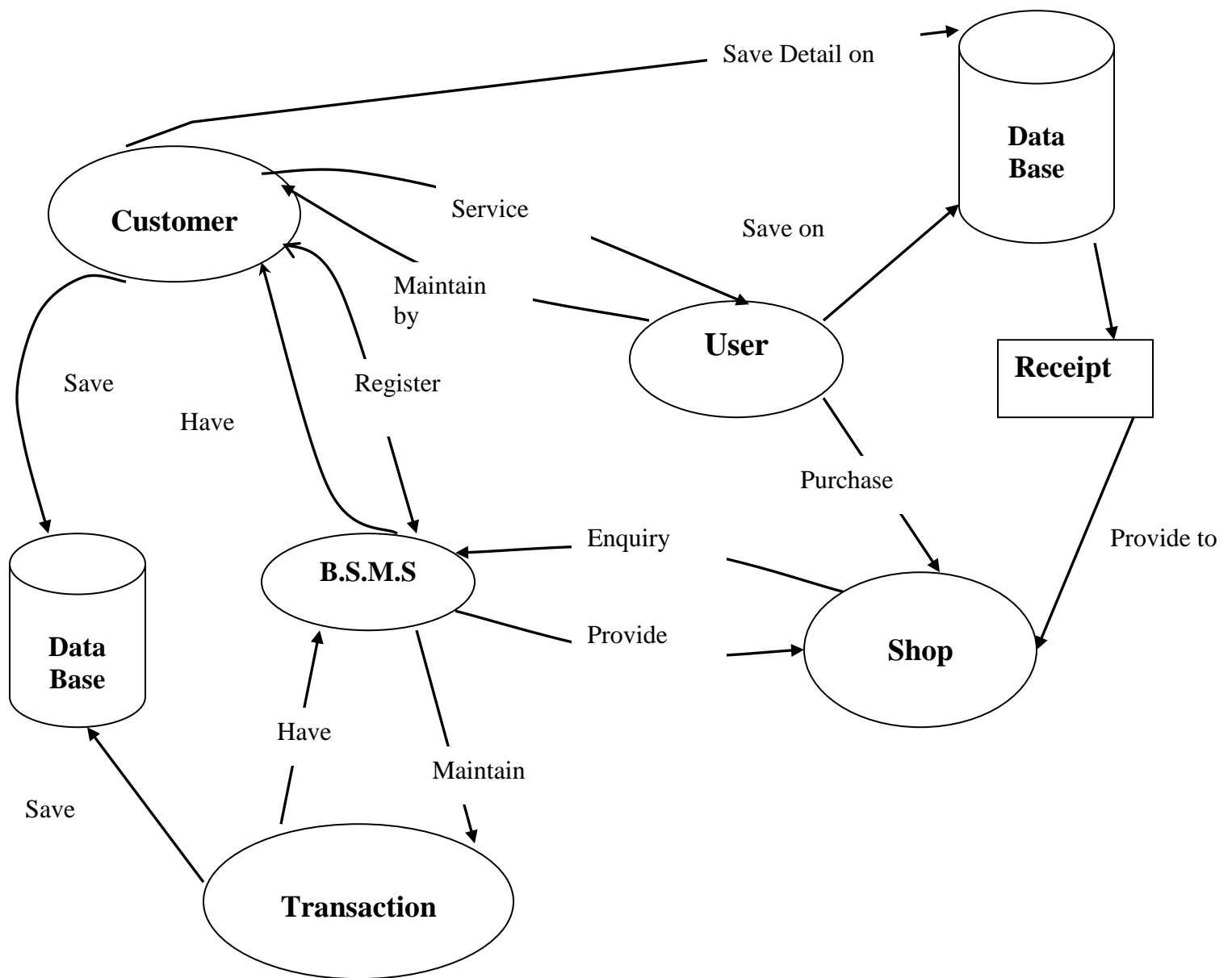
ER Diagram

I) Entity of Guest House Management:

Login, Bill Payment, Booking, BookingProduct, Customer,Product,Room,Staff,StaffPay

II) Attributes Entities and their structure

a) login (user,pass);

b) Customer (cid, CustomerName, Phone, Email, Address, DOB, DocumentName, DocumentID, CreatedDate);

c) BillPayment (ID, CID, BID, BillFor, Amount, Remark, PayDate);

d) Booking (ID, CustID, RoomID, CheckInDate, CheckOutDate, Status, AmountPay, Remark);

e) BookingProduct (ID, CustID, ProductID, AmountPaid, Remark, Qty, BookDate, PaymentDate, Status);
f) Customer (ID, CustomerName, Phone, Email, Address, DOB, DocumentName, DocumentID, CreatedDate)
g)Product (ID, ProductName, Price)
e)Room (ID, RoomType, Info, Price, Qty)
e) Staff (ID, StaffName, Phone, Email, DOB, Address, DocumentID, CreatedDate)
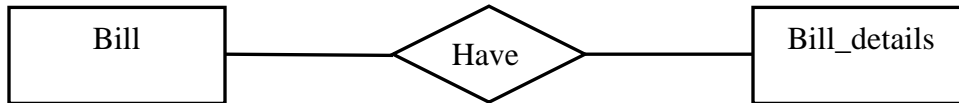f)StaffPay (ID, StaffID, Description, Amount, CreatedDate)

III) Entity and their relationship

1) Relationship between Customer Guest House & Customer

| Customer | | Hotel |

```
   ┌───────┐
 ◁  Have  ▷────────
   └───────┘
```
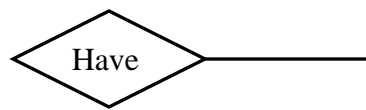
2) Relationship between Bill & Bill details

```
┌──────────┐          ┌───────┐          ┌──────────────┐
│   Bill   │────────◁  Have  ▷────────│  Bill_details │
└──────────┘          └───────┘          └──────────────┘
```

3) Relationship between user & sell record

```
┌──────────────┐           ╱◇╲                    ┌──────────────┐
│     User     │──────────< Contains >────────────│   Sell Data  │
└──────────────┘           ╲◇╱                    └──────────────┘
```

4) Relationship between Product & unit

```
┌──────────────┐           ╱◇╲                    ┌──────────────┐
│     Unit     │──────────< Maintain >────────────│   product    │
└──────────────┘           ╲◇╱                    └──────────────┘
```

Entity-Relationship Diagram

```
                                    ( Address )
              ( name )                  |
                                    +----------+
         ( cid )------------------- | Customer |
                                    +----------+
    /Maintain\ --------------------     |        ( Shop_name )
    \        /                     +----------+
              ( Billid )           \Contains/      ( Shop_loc )
                                    \      /
         ( cid )        ( Emp_ph )  +------------+
                                    | Sell Ledger|------ /Maintain\
    ( Bill_date )                   +------------+       \        /
  +------+                              |
  | Bill |          /Generate\         |       ( Tms_id )      ( Tms_no )
  +------+          \        /       \Have/                 +-------------+
                                      \  /                  | Transaction |
                                    +--------+              +-------------+
                    +--------+      |        |
                    | Report |      |        |  ( Tms_dd )      ( Tms_ty )
                    +--------+      |
   ( Rep_id )                ( Rep_ty )
                                    +------+
        ( Rep_nm )                  | User |------- /Deals\
  /Detail\ --------------------     +------+        \     /
  \      /                   ( User name )    ( id )
                        ( password )   ( Name )
```
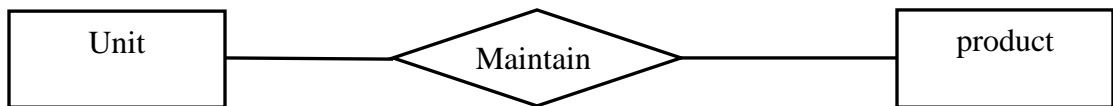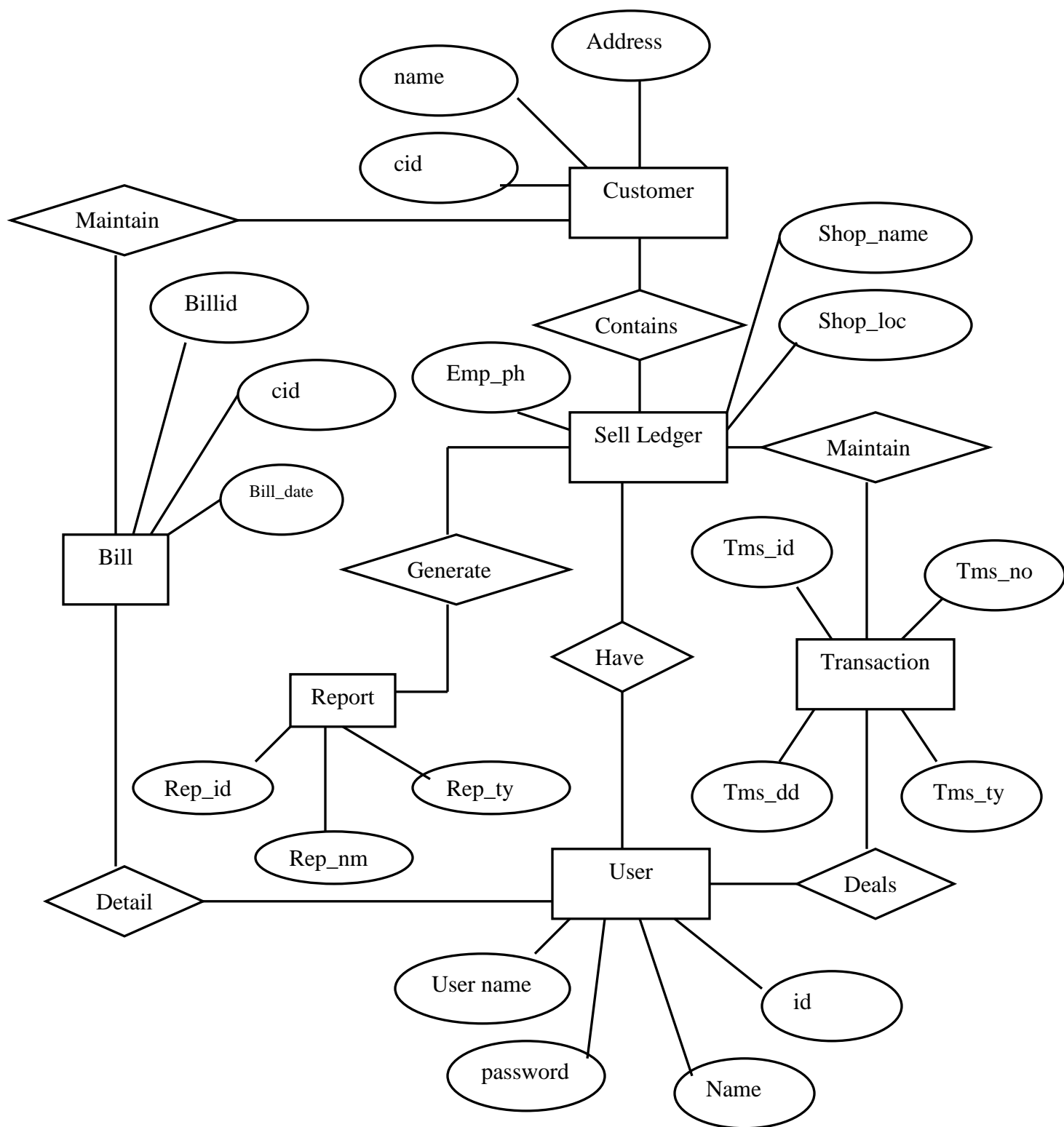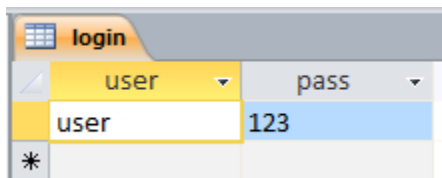
Data Dictionary
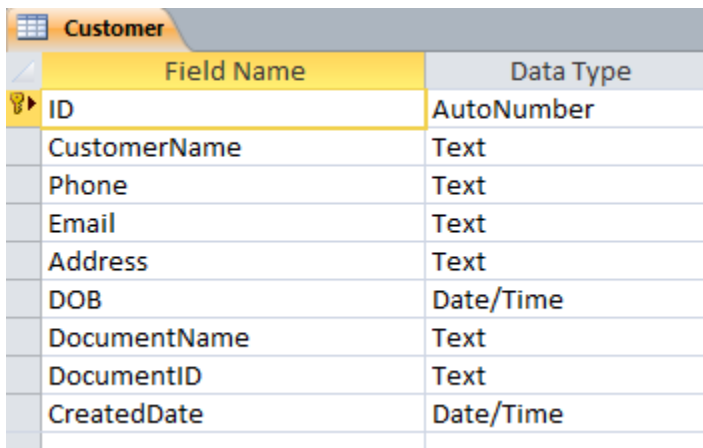
Login:

This table contains user and login information

login	
user	pass
user	123

Customer Module :

This table contains Customer related information

Customer	
Field Name	Data Type
ID	AutoNumber
CustomerName	Text
Phone	Text
Email	Text
Address	Text
DOB	Date/Time
DocumentName	Text
DocumentID	Text
CreatedDate	Date/Time

Staff

Contains Guest House Staff Details

Staff	
Field Name	Data Type
ID	AutoNumber
StaffName	Text
Phone	Text
Email	Text
DOB	Date/Time
Address	Text
DocumentName	Text
DocumentID	Text
CreatedDate	Date/Time

Room :

Guest House Room Details

Room	
Field Name	Data Type
ID	AutoNumber
RoomType	Text
Info	Text
Price	Number
Qty	Number

Product :

This table contains Guest House Product and service related information

Field Name	Data Type
ID	AutoNumber
ProductName	Text
Price	Number

Booking :

This table contains Room booking data by a customer

Field Name	Data Type
ID	AutoNumber
CustID	Number
RoomID	Number
CheckInDate	Date/Time
CheckOutDate	Date/Time
Status	Number
AmountPay	Number
Remark	Text

BookingProduct

Contains Service and product booking list of a customer

BillPayment

Contails bill payment details

StaffPay

Staff Payment details paid by Guest House to a staff

Process Logic

Logic For Registration Form
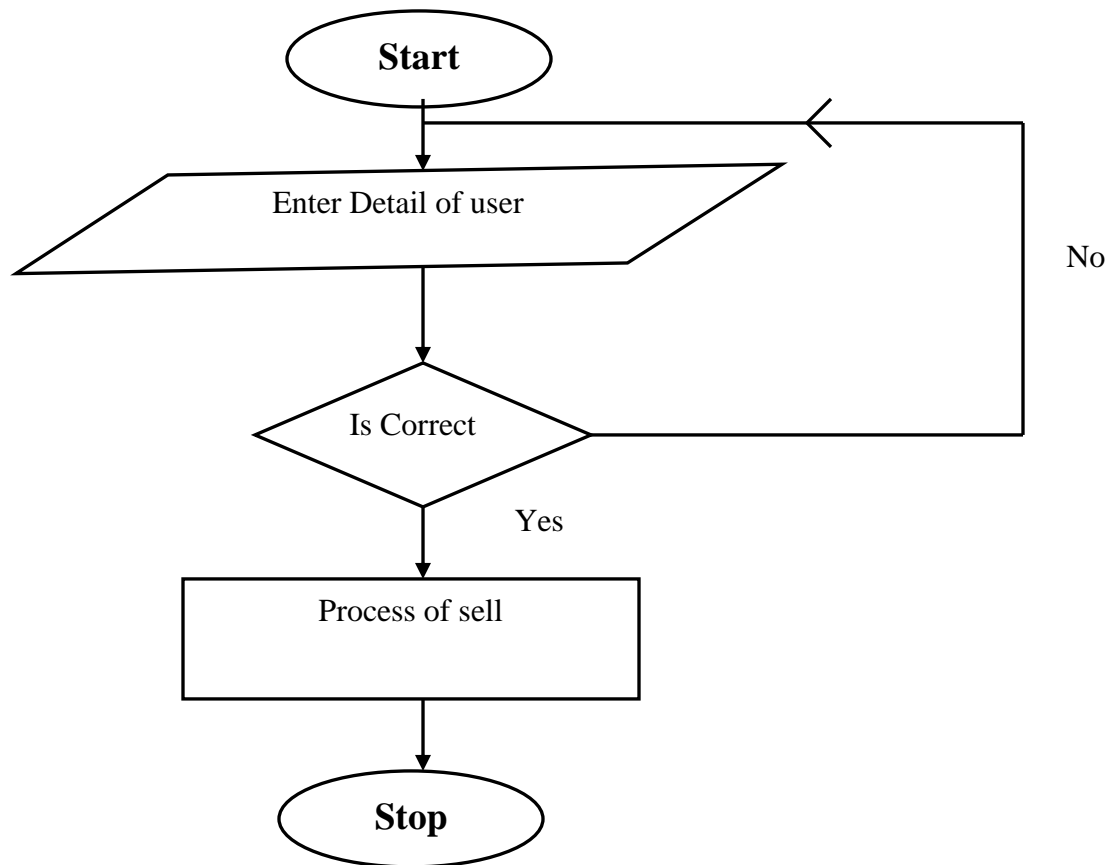
Logic for Delete Record form :
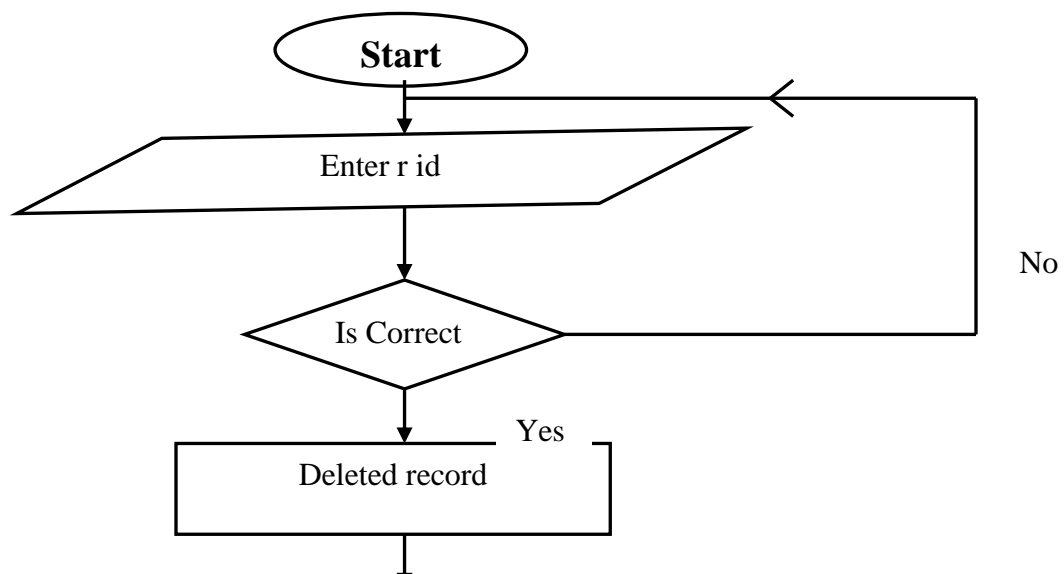
Logic for update Record form :

```
                    ┌─────────┐
                    │  Start  │
                    └─────────┘
                         │
                         ▼
        ╱─────────────────────────╲ ◄──────────────┐
       ╱   Enter r id & name        ╲               │
      ╱─────────────────────────────╱               │
                         │                           │
                         ▼                        No │
                    ╱─────────╲                      │
                   ╱ Is Correct ╲ ──────────────────┘
                    ╲─────────╱
                         │
                         │ Yes
                         ▼
            ┌─────────────────────┐
            │   Update Records    │
            └─────────────────────┘
                         │
                         ▼
                    ┌─────────┐
                    │  Stop   │
                    └─────────┘
```
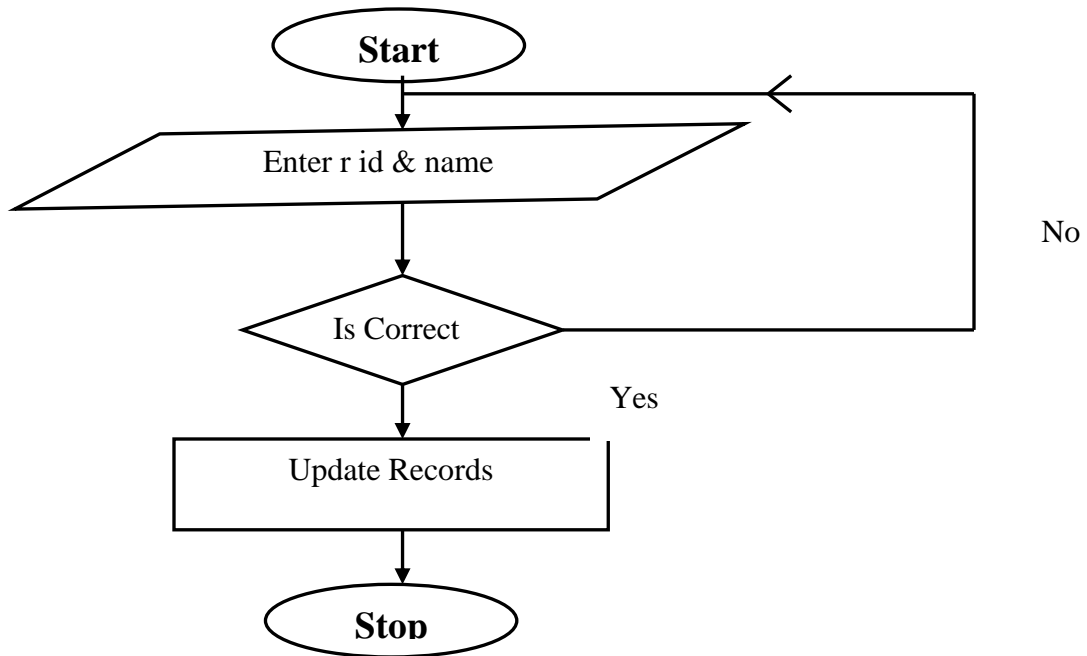
Logic for find Record form:

```
                    ┌─────────┐
                    │  Start  │
                    └─────────┘
                         │
                         ▼
        ╱─────────────────────────╲ ◄──────────────┐
       ╱   Enter r id & name        ╲               │
      ╱─────────────────────────────╱               │
                         │                           │
                         ▼                        No │
                    ╱─────────╲                      │
                   ╱ Is Correct ╲ ──────────────────┘
                    ╲─────────╱
                         │
                         ▼
            ┌─────────────────────────────┐
            │ Display the r record    Yes │
            └─────────────────────────────┘
                         │
                         ▼
                    ┌─────────┐
                    │  Stop   │
                    └─────────┘
```
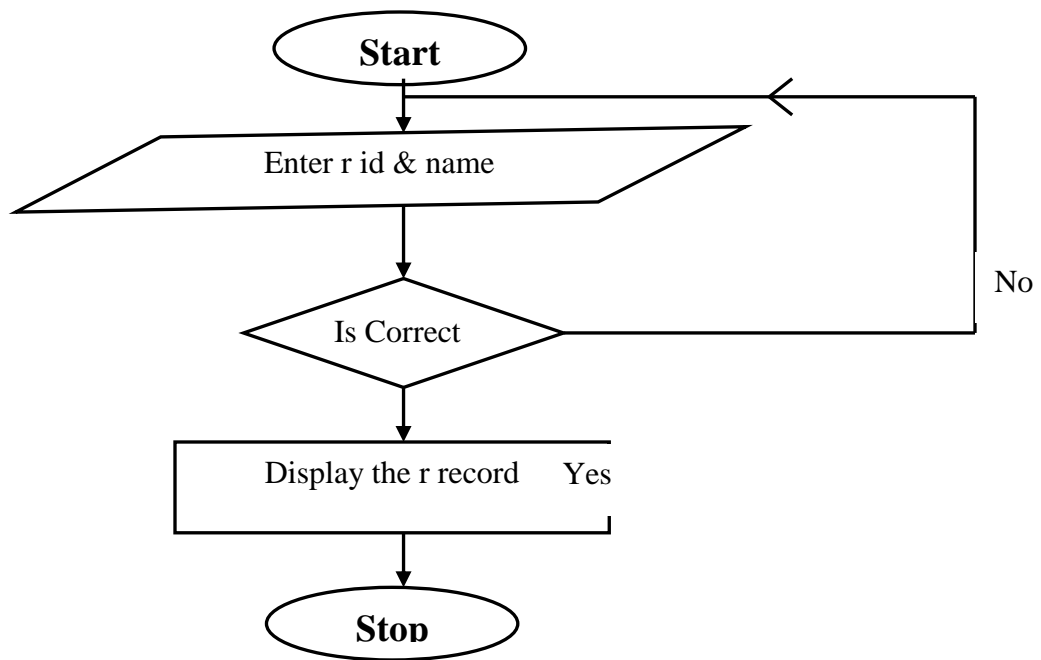
Logic for submit Employee salary details :

```
              ┌───────────┐
              │   Start   │
              └─────┬─────┘
                    │
          ┌─────────▼──────────┐
         /   Enter r id & name  /──────────────◄──────┐
        └──────────┬───────────┘                      │ No
                   │                                   │
              ┌────▼────┐                              │
             /           \                             │
            <  Is Correct >───────────────────────────┘
             \           /        Yes
              └────┬────┘
                   │
     ┌─────────────▼──────────────┐
     │ Display Report  Record of sell │
     └─────────────┬──────────────┘
                   │
              ┌────▼─────┐
              │   Stop   │
              └──────────┘
```
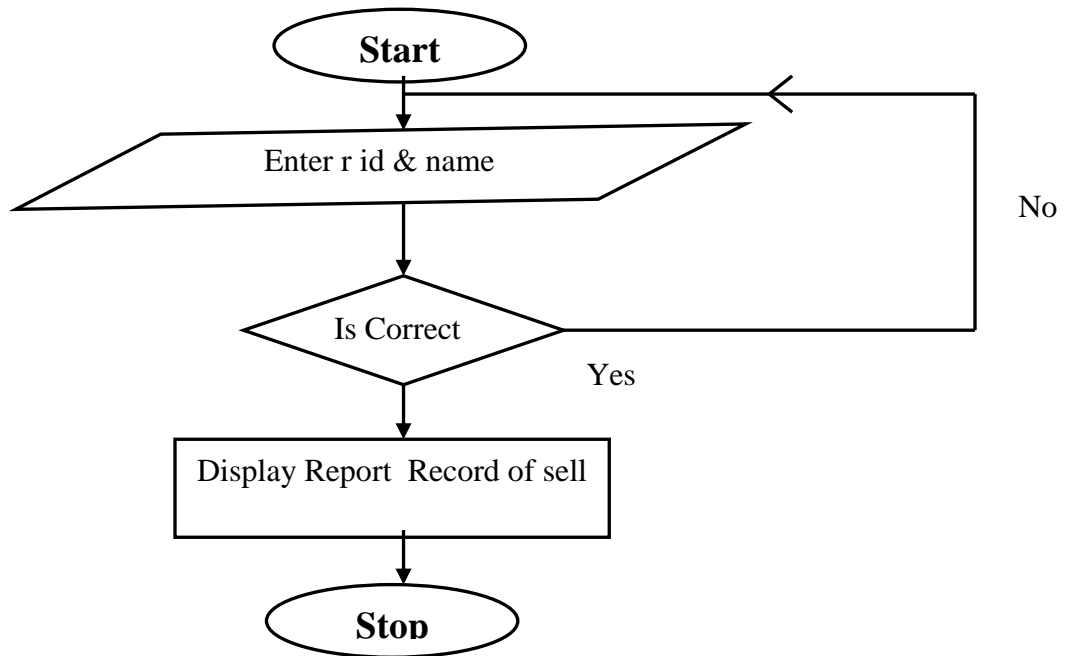
Output

Spalsh Screen

Login form

Login

User Name	
Password	

Login   Cancel

Main Form

Menu

Master	Entry	Booking	Payment	Setting	Report
Room Entry					
Product					

Master	Entry	Booking	Payment	Setting	Report
	Staff				
	Customer				
	Staff Pay				

Master	Entry	Booking	Payment	Setting	Report
		Room			
		Product			

Master	Entry	Booking	Payment	Setting	Report
			Room		
			Service/Product		

Master	Entry	Booking	Payment	Setting	Report	Type He
				Password Change		

Master	Entry	Booking	Payment	Setting	Report	Type Here
					Cutomer Room Booking	
					Customer Product Booking	
					Room Booking Pending	
					Room Booking Cleared	
					Product Pending Payment	
					Product Cleared Payment	
					Type Here	

Room Master

Product Master

Product Mgmt

Product Management

Product Name

Amount

| Save | Update | Delete |

ProductName	Price
water	12
one	123
two	2

Total Record : 3

Staff Entry

Customer Entry

Customer Management

Customer Name

Phone

Email

DOB   Wednesday, Septeml ▾

Address

Document Name

Document ID

CustomerName	Phone	Email	Address	DOB	DocumentName	Docur
amit	78	email@gmail.com	afd	15-Aug-21 9:18 PM	dl	123
sumit	7845124578	eml@gmail.com	goa	15-Aug-21 9:18 PM	af	13
Sunita	7845125678	Snageeta@gmail...	Sigra	16-Aug-21 7:01 PM	DL	dl3455
Babloo	8978451245	babloo@gmail.com	Lanka	03-Aug-21 7:01 PM	Adhaar	784578
Babita Singh	89784578454	singh.babaita.ab...	Kamacha,varanasi	02-Aug-21 7:01 PM	Passport	784578
Babli Gupta	7889457845	guptababali@girf...	Dugakund	01-Aug-21 7:01 PM	DL	789845
Chandan Patel	4578457845	candan@gmail.c...	Sigra	02-Aug-21 7:01 PM	Voter ID	C54436
Chandini	8978457845	chanid.ni@gmail...	Luxa	02-Aug-21 7:01 PM	DL	776766

Save   Update   Delete

Total Record :   8

Staff Pay

Staff Pay

Staff Pay

Select Staff Name   amit singh ▼

Payment Description   [   ]

Amount   [   ]
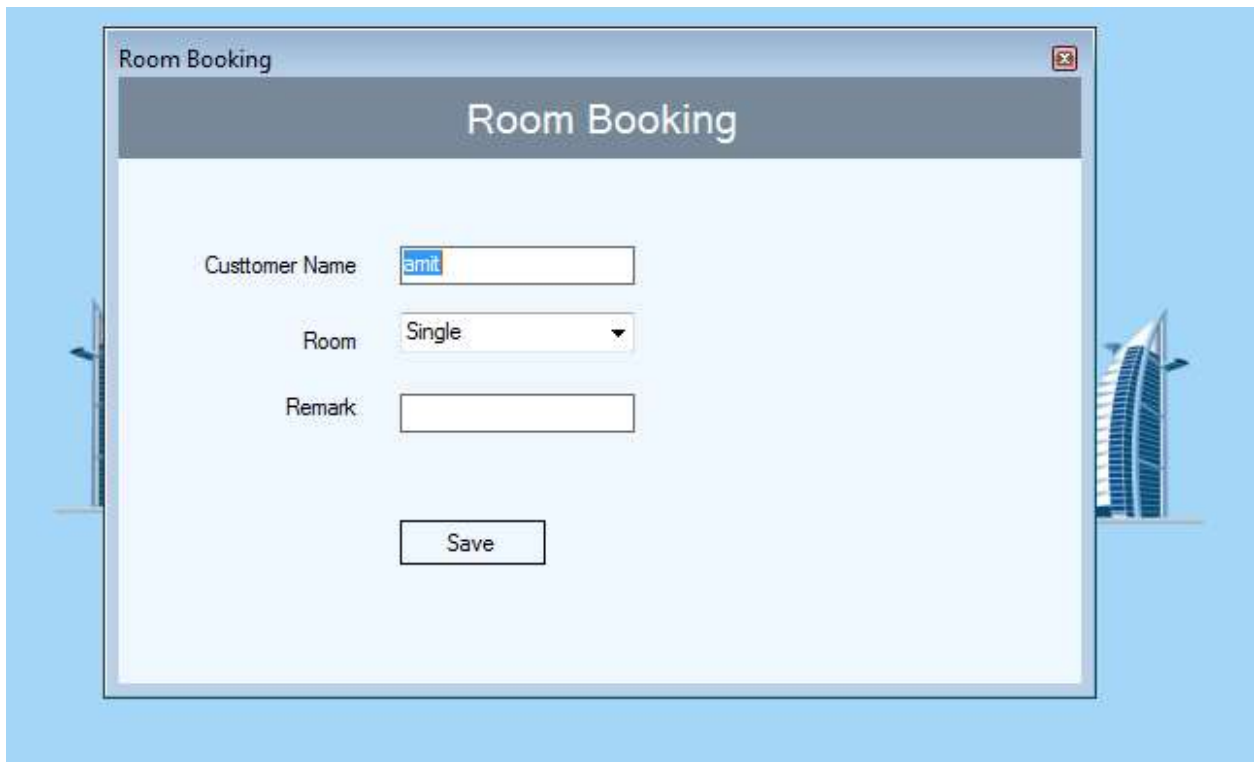
Description	Amount	CreatedDate
test	500	16-Aug-21
tea	45	16-Aug-21
slary	784	16-Aug-21

[Save]

Total Amount :   1329   Total Record :   3

Room Booking
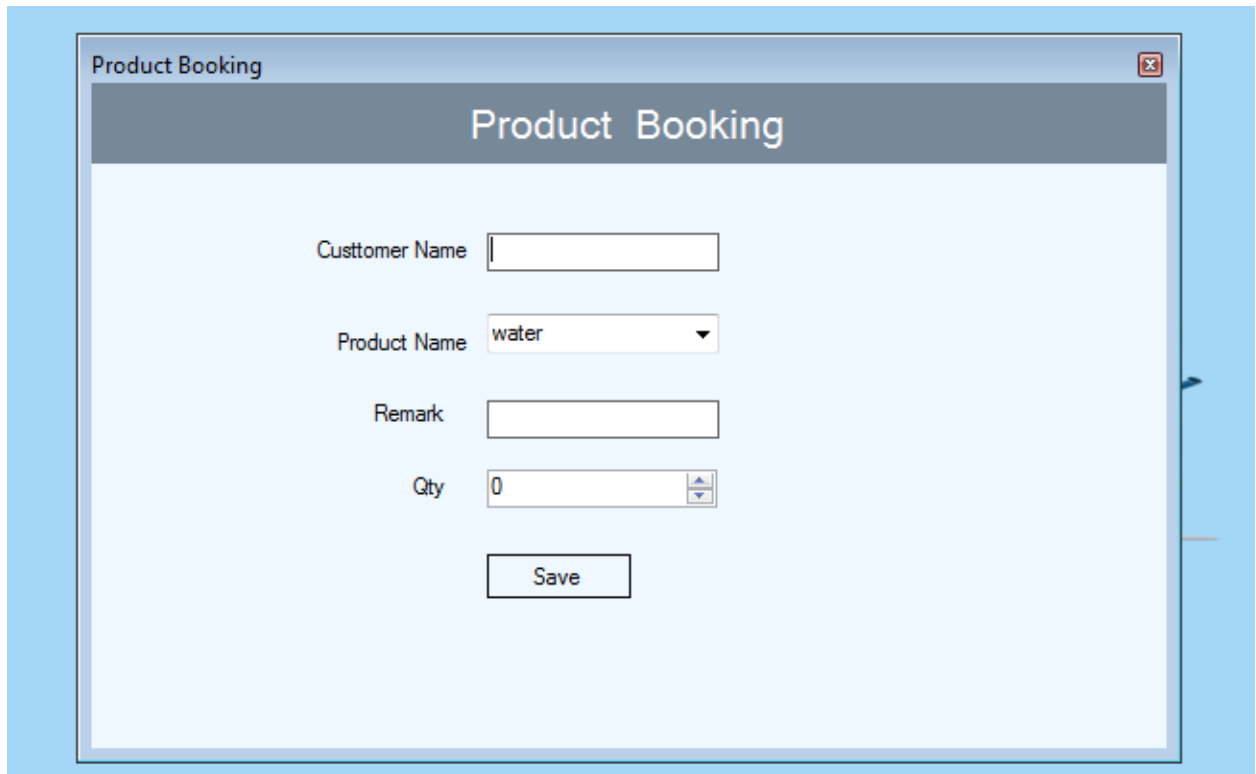
Product Booking

Room Payment

Room Payment

Customer Name : amit

Amount

Remark

| Save | Print |

ID	RoomType	Info	CheckInDate	Remark	Price
3	Single	four	16-Aug-21	test3	4
5	Single	four	31-Aug-21	romm book aug last	4
7	Single	four	31-Aug-21	first room	4
8	Single	four	31-Aug-21	best room	4
11	Single	four	31-Aug-21	one more time	4
12	Single	four	31-Aug-21	this is last	4
6	Double	six	31-Aug-21	doble book	6

Room Payment Invoice

Service/Product Payment

Product/Service Pay

Product/Service Payment

Customer Name : amit

Amount 246

Remark Payment done

Save   Print

ID	Product Name	Price	Qty	Amount Paid	Remark
6	one	123	2		w
7	one	123	4		

Service/Payment Print Invoice

Password Change

Room Payment Details by Customer

Service/Payment Details by Customer

All Room Payment Pending List
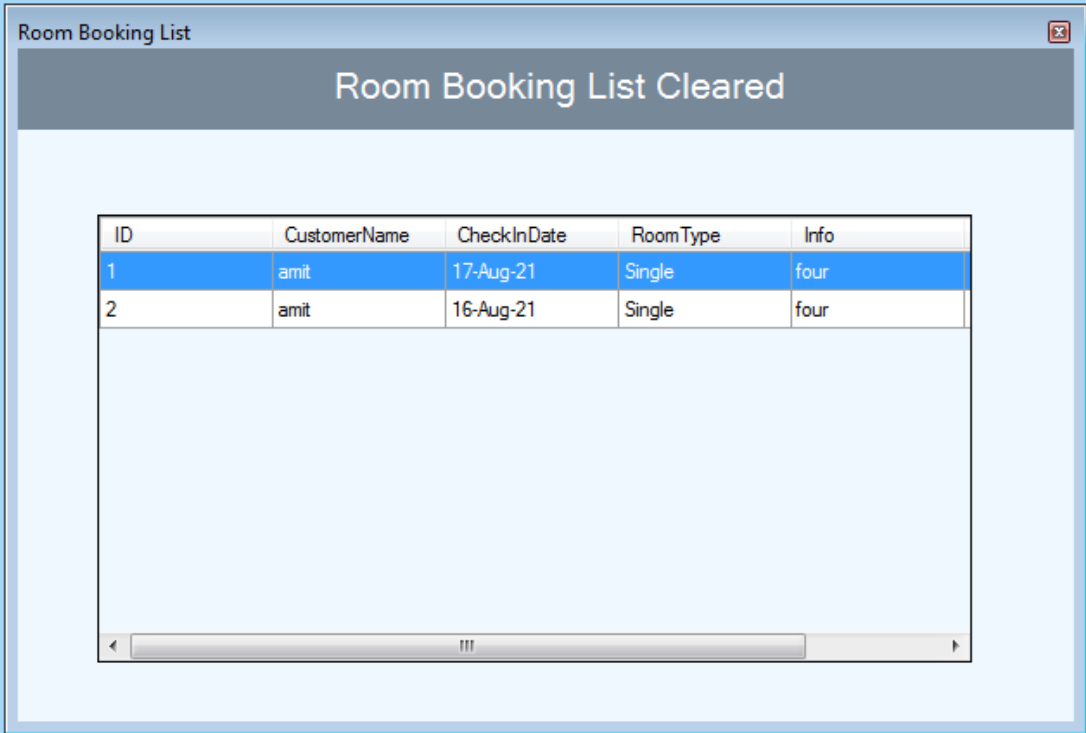
Room Booking List

Room Booking List Pending

ID	CustomerName	CheckInDate	RoomType	Info
3	amit	16-Aug-21	Single	four
4	Sunita	18-Aug-21	Single	four
5	amit	31-Aug-21	Single	four
6	amit	31-Aug-21	Double	six
7	amit	31-Aug-21	Single	four
8	amit	31-Aug-21	Single	four
9	amit	31-Aug-21	Double	six
10	amit	31-Aug-21	Double	six
11	amit	31-Aug-21	Single	four
12	amit	31-Aug-21	Single	four

Room Payment Cleared List
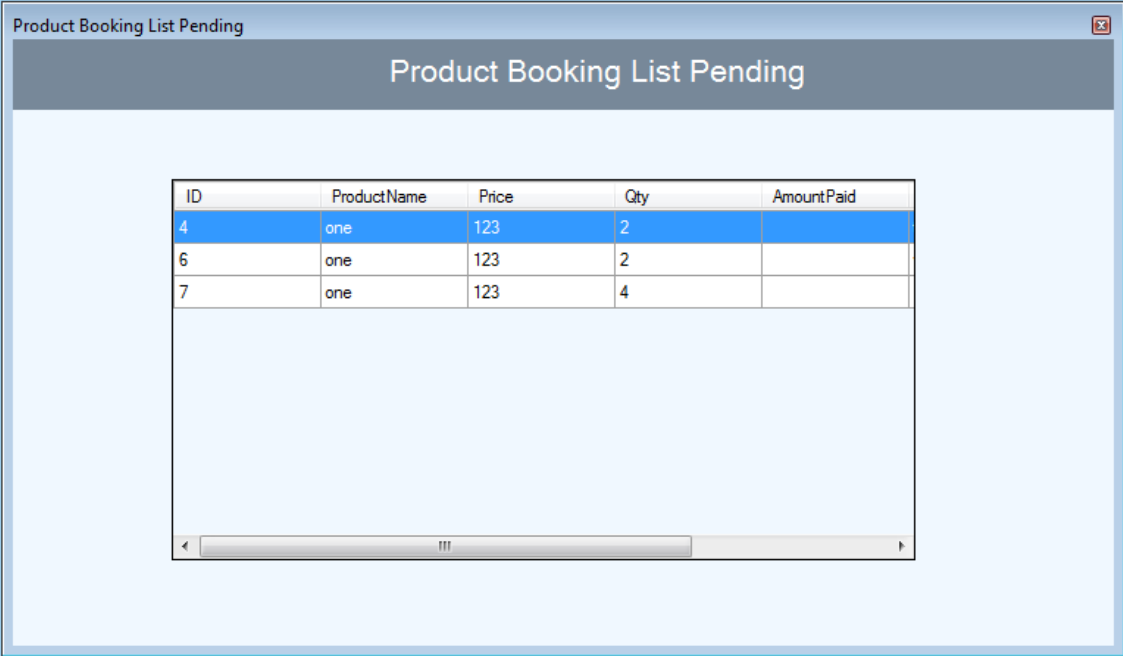
Room Booking List

Room Booking List Cleared

ID	CustomerName	CheckInDate	RoomType	Info
1	amit	17-Aug-21	Single	four
2	amit	16-Aug-21	Single	four

Product/Service Pending List

Product/Service Cleared List

Coding

```vbnet
Public Class frmSplash
    Dim i As Integer
    Private Sub frmSplash_Click(sender As Object, e As EventArgs)
Handles Me.Click
        OpenGirfa()
    End Sub

    Private Sub frmSplash_Load(sender As Object, e As EventArgs)
Handles MyBase.Load
        i = 1
    End Sub

    Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles
Timer1.Tick
        i = i + 1
        If i = 2 Then
            Me.Hide()
            frmLogin.Show()

        End If
    End Sub
End Class
```

```vb
Public Class frmLogin

    Public Sub login()
        If txtUserName.Text = "" Then
            MsgBox("Please enter user name")
            txtUserName.Focus()
        ElseIf txtPassword.Text = "" Then
            MsgBox("Please enter Password")
            txtPassword.Focus()
        Else
            Dim con As New OleDb.OleDbConnection
            Dim com As New OleDb.OleDbCommand
            Try
                con.ConnectionString = getCon()
                con.Open()
                com.Connection = con
                com.CommandText = "select count(*) from Login where UserName='" &
txtUserName.Text & "'  and Password='" & txtPassword.Text & "'"
                If (com.ExecuteScalar().ToString() = "1") Then
                    Me.Hide()
                    MDI.Show()
                Else
                    MsgBox("Invalid Username or Password")
                End If
            Catch ex As Exception
                MsgBox(ex.Message)
            End Try
        End If
    End Sub
    Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load

    End Sub

    Private Sub btnCancel_Click(sender As Object, e As EventArgs) Handles btnCancel.Click
        Application.Exit()
    End Sub

    Private Sub btnLogin_Click(sender As Object, e As EventArgs) Handles btnLogin.Click
        login()
    End Sub

    Private Sub txtUserName_KeyDown(sender As Object, e As KeyEventArgs) Handles
txtUserName.KeyDown
        If e.KeyCode = Keys.Enter Then
            If Not txtUserName.Text = "" Then
```

```vb
                txtPassword.Focus()
            End If
        End If
    End Sub

    Private Sub txtUserName_TextChanged(sender As Object, e As EventArgs) Handles
txtUserName.TextChanged

    End Sub

    Private Sub txtPassword_KeyDown(sender As Object, e As KeyEventArgs) Handles
txtPassword.KeyDown
        If e.KeyCode = Keys.Enter Then
            If Not txtPassword.Text = "" Then
                login()
            End If
        End If
    End Sub

    Private Sub txtPassword_TextChanged(sender As Object, e As EventArgs) Handles
txtPassword.TextChanged

    End Sub
End Class
```

```vb
Public Class MDI

    Private Sub MasterToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles MasterToolStripMenuItem.Click

    End Sub

    Private Sub RoomEntryToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles RoomEntryToolStripMenuItem.Click
        frmRoom.MdiParent = Me
        frmRoom.Show()
    End Sub

    Private Sub MDI_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        OpenCon()
    End Sub

    Private Sub ProductToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles ProductToolStripMenuItem.Click
        frmProduct.MdiParent = Me
        frmProduct.Show()
    End Sub

    Private Sub StaffToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles
StaffToolStripMenuItem.Click
        frmSatff.MdiParent = Me
        frmSatff.Show()
    End Sub

    Private Sub CustomerToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles CustomerToolStripMenuItem.Click
        frmCustomer.MdiParent = Me
        frmCustomer.Show()
    End Sub

    Private Sub StaffPayToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles StaffPayToolStripMenuItem.Click
        frmStaffPay.MdiParent = Me
        frmStaffPay.Show()
    End Sub
```

```vb
    Private Sub RoomToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles RoomToolStripMenuItem.Click
        FrmRoomBooking.MdiParent = Me
        FrmRoomBooking.Show()
    End Sub

    Private Sub ProductToolStripMenuItem1_Click(sender As Object, e As EventArgs)
Handles ProductToolStripMenuItem1.Click
        frmBookingProduct.MdiParent = Me
        frmBookingProduct.Show()
    End Sub

    Private Sub PaymentToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles PaymentToolStripMenuItem.Click
        frmPaymentRoom.MdiParent = Me
        frmPaymentRoom.Show()
    End Sub

    Private Sub ServiceProductToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles ServiceProductToolStripMenuItem.Click
        frmProductPayment.MdiParent = Me
        frmProductPayment.Show()
    End Sub

    Private Sub PasswordChangeToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles PasswordChangeToolStripMenuItem.Click
        frmPasswordChange.MdiParent = Me
        frmPasswordChange.Show()
    End Sub

    Private Sub CutomerRoomBookingToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles CutomerRoomBookingToolStripMenuItem.Click
        frmReportCustRoom.MdiParent = Me
        frmReportCustRoom.Show()
    End Sub

    Private Sub CustomerProductBookingToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles CustomerProductBookingToolStripMenuItem.Click
        frmReportCustProduct.MdiParent = Me
        frmReportCustProduct.Show()
    End Sub

    Private Sub RoomBookingPendingToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles RoomBookingPendingToolStripMenuItem.Click
        frmRoomBookingList.MdiParent = Me
```

```vbnet
        frmRoomBookingList.status = 0
        frmRoomBookingList.Show()
    End Sub


    Private Sub RoomBookingClearedToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles RoomBookingClearedToolStripMenuItem.Click
        frmRoomBookingList.MdiParent = Me
        frmRoomBookingList.status = 1
        frmRoomBookingList.Show()
    End Sub


    Private Sub ToolStripMenuItem2_Click(sender As Object, e As EventArgs) Handles ToolStripMenuItem2.Click
        frmProductBookingList.status = 0
        frmProductBookingList.MdiParent = Me
        frmProductBookingList.Show()
    End Sub


    Private Sub ProductClearedPaymentToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles ProductClearedPaymentToolStripMenuItem.Click
        frmProductBookingList.status = 1
        frmProductBookingList.MdiParent = Me
        frmProductBookingList.Show()
    End Sub
End Class
```

```vb
Public Class frmRoom
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim tbname As String
    Dim position, recid As Integer
    Public Sub save()
        Try
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            Dim dsNewRow As DataRow
            dsNewRow = ds.Tables("room").NewRow()
            dsNewRow.Item("RoomType") = cmbRoomType.Text
            dsNewRow.Item("Info") = txtDescription.Text
            dsNewRow.Item("Price") = Val(txtCharge.Text)
            dsNewRow.Item("Qty") = NumericUpDown1.Value
            ds.Tables("room").Rows.Add(dsNewRow)
            da.Update(ds, "room")
            recid = 0
            MsgBox("Saved")
            grdView.DataSource = ds.Tables(tbname)
            lblQty.Text = grdView.RowCount
            clearform()
        Catch ex As Exception
            MsgBox("--->" & ex.Message)
        End Try
    End Sub
    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If Val(txtCharge.Text) = 0 Then
            MsgBox("Please enter price")
            txtCharge.Focus()
        ElseIf NumericUpDown1.Value = "0" Then
            MsgBox("Romm Qty must be greater than zero")
            NumericUpDown1.Focus()
        ElseIf cmbRoomType.Text = "" Then
            MsgBox("Please select room type")
            cmbRoomType.Focus()
        Else
            save()
        End If
    End Sub
    Public Sub clearform()
```

```vbnet
            cmbRoomType.Text = ""
            txtDescription.Text = ""
            txtCharge.Text = ""
            NumericUpDown1.Value = 0
            cmbRoomType.Focus()
    End Sub

    Private Sub frmRoom_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Try
            da = New OleDb.OleDbDataAdapter("select * from Room", con)
            tbname = "room"
            da.Fill(ds, tbname)
            bs.DataSource = ds.Tables(tbname)
            grdView.DataSource = ds.Tables(tbname)
            grdView.Columns("id").Visible = False
            lblQty.Text = grdView.RowCount
            position = 0
            recid = 0
        Catch ex As Exception
            MsgBox("form load=>" & ex.Message)
        End Try

    End Sub

    Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles
btnUpdate.Click
        If recid = 0 Then
            MsgBox("Please select a row from grid")
        Else
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            ds.Tables(tbname).Rows(position).Item("RoomType") = cmbRoomType.Text
            ds.Tables(tbname).Rows(position).Item("Info") = txtDescription.Text
            ds.Tables(tbname).Rows(position).Item("Price") = Val(txtCharge.Text)
            ds.Tables(tbname).Rows(position).Item("Qty") = Val(NumericUpDown1.Value)
            da.Update(ds, tbname)
            grdView.DataSource = ds.Tables(tbname)
            MsgBox("Record Updated")
        End If
    End Sub

    Private Sub grdView_CellErrorTextChanged(sender As Object, e As
DataGridViewCellEventArgs) Handles grdView.CellErrorTextChanged
        MsgBox("call")
    End Sub
```

```vb
    Private Sub grdView_CellMouseClick(sender As Object, e As
DataGridViewCellMouseEventArgs) Handles grdView.CellMouseClick
        Try
            If (e.RowIndex >= 0) Then
                With grdView
                    recid = .Item("id", e.RowIndex).Value
                    cmbRoomType.Text = .Item("roomtype", e.RowIndex).Value
                    txtDescription.Text = .Item("info", e.RowIndex).Value
                    txtCharge.Text = .Item("price", e.RowIndex).Value
                    NumericUpDown1.Value = .Item("Qty", e.RowIndex).Value
                End With
                position = e.RowIndex
            End If
        Catch ex As Exception
            MsgBox("Fill Error :=>" & ex.Message)
        End Try



    End Sub



    Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles
btnDelete.Click
        If recid = 0 Then
            MsgBox("Please select a row from grid")
        Else
            If MsgBox("Are you sure to delete this record", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then
                Try
                    Dim cb As New OleDb.OleDbCommandBuilder(da)
                    ds.Tables(tbname).Rows(position).Delete()
                    da.Update(ds, tbname)
                    If position = bs.Count - 1 Then
                        position = 0
                    Else
                        position = position + 1
                    End If
                    MsgBox("Record Deleted")
                    recid = 0
                    clearform()
                    lblQty.Text = grdView.RowCount
                Catch ex As Exception
```

```vb
            MsgBox("del err=>" & ex.Message)
        End Try

        End If
    End If

    End Sub


    Private Sub grdView_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles grdView.CellContentClick

    End Sub
End Class
```

```vbnet
Public Class frmProduct
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim recid, tbname As String
    Dim position As Integer
    Public Sub save()
        Try
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            Dim dsNewRow As DataRow
            dsNewRow = ds.Tables(tbname).NewRow()
            dsNewRow.Item("ProductName") = txtProductName.Text
            dsNewRow.Item("Price") = Val(txtAmount.Text)
            ds.Tables(tbname).Rows.Add(dsNewRow)
            da.Update(ds, tbname)
            recid = 0
            MsgBox("Saved")
            grdView.DataSource = ds.Tables(tbname)
            lblQty.Text = grdView.RowCount
            clearform()
        Catch ex As Exception
            MsgBox("--->" & ex.Message)
        End Try
    End Sub
    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If txtProductName.Text = "" Then
            MsgBox("Please enter product name")
            txtProductName.Focus()
        ElseIf Val(txtAmount.Text) = "0" Then
            MsgBox("Please Enter Product price")
            txtAmount.Focus()
        Else
            save()
        End If
    End Sub
    Public Sub clearform()
        txtProductName.Text = ""
        txtAmount.Text = ""
        txtProductName.Focus()
    End Sub
```

```vb
    Private Sub frmRoom_Load(sender As Object, e As EventArgs) Handles
MyBase.Load
        Try
            da = New OleDb.OleDbDataAdapter("select * from Product", con)
            tbname = "product"
            da.Fill(ds, tbname)
            bs.DataSource = ds.Tables(tbname)
            grdView.DataSource = ds.Tables(tbname)
            grdView.Columns("id").Visible = False
            lblQty.Text = grdView.RowCount
            position = 0
        Catch ex As Exception
            MsgBox("form load=>" & ex.Message)
        End Try

    End Sub

    Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles
btnUpdate.Click
        If recid = 0 Then
            MsgBox("Please select a row from grid")
        Else
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            ds.Tables(tbname).Rows(position).Item("ProductName") = txtProductName.Text
            ds.Tables(tbname).Rows(position).Item("Price") = Val(txtAmount.Text)
            da.Update(ds, tbname)
            grdView.DataSource = ds.Tables(tbname)
            recid = 0
            MsgBox("Record Updated")
        End If
    End Sub

    Private Sub grdView_CellMouseClick(sender As Object, e As
DataGridViewCellMouseEventArgs) Handles grdView.CellMouseClick
        Try
            If (e.RowIndex >= 0) Then
                With grdView
                    recid = .Item("id", e.RowIndex).Value
                    txtProductName.Text = .Item("ProductName", e.RowIndex).Value
                    txtAmount.Text = .Item("Price", e.RowIndex).Value
                End With
                bs.Position = e.RowIndex
            End If
```

```vb
            Catch ex As Exception
                MsgBox("Cell Click Err=>" & ex.Message)
            End Try



    End Sub
    Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles
btnDelete.Click
        If recid = 0 Then
            MsgBox("Please select a row from grid")
        Else
            If MsgBox("Are you sure to delete this record", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then
                Try
                    Dim cb As New OleDb.OleDbCommandBuilder(da)
                    ds.Tables(tbname).Rows(position).Delete()
                    da.Update(ds, tbname)
                    If position = bs.Count - 1 Then
                        position = 0
                    Else
                        position = position + 1
                    End If
                    MsgBox("Record Deleted")
                    recid = 0
                    clearform()
                    lblQty.Text = grdView.RowCount
                Catch ex As Exception
                    MsgBox("del err=>" & ex.Message)
                End Try


            End If
        End If
    End Sub



    Private Sub grdView_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles grdView.CellContentClick

    End Sub
End Class
```

```vb
Public Class MDI

    Private Sub MasterToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles MasterToolStripMenuItem.Click

    End Sub

    Private Sub RoomEntryToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles RoomEntryToolStripMenuItem.Click
        frmRoom.MdiParent = Me
        frmRoom.Show()
    End Sub

    Private Sub MDI_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        OpenCon()
    End Sub

    Private Sub ProductToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles ProductToolStripMenuItem.Click
        frmProduct.MdiParent = Me
        frmProduct.Show()
    End Sub

    Private Sub StaffToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles
StaffToolStripMenuItem.Click
        frmSatff.MdiParent = Me
        frmSatff.Show()
    End Sub

    Private Sub CustomerToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles CustomerToolStripMenuItem.Click
        frmCustomer.MdiParent = Me
        frmCustomer.Show()
    End Sub

    Private Sub StaffPayToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles StaffPayToolStripMenuItem.Click
        frmStaffPay.MdiParent = Me
        frmStaffPay.Show()
    End Sub

    Private Sub RoomToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles
RoomToolStripMenuItem.Click
```

```vbnet
        FrmRoomBooking.MdiParent = Me
        FrmRoomBooking.Show()
    End Sub

    Private Sub ProductToolStripMenuItem1_Click(sender As Object, e As EventArgs)
Handles ProductToolStripMenuItem1.Click
        frmBookingProduct.MdiParent = Me
        frmBookingProduct.Show()
    End Sub

    Private Sub PaymentToolStripMenuItem_Click(sender As Object, e As EventArgs)
Handles PaymentToolStripMenuItem.Click
        frmPaymentRoom.MdiParent = Me
        frmPaymentRoom.Show()
    End Sub

    Private Sub ServiceProductToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles ServiceProductToolStripMenuItem.Click
        frmProductPayment.MdiParent = Me
        frmProductPayment.Show()
    End Sub

    Private Sub PasswordChangeToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles PasswordChangeToolStripMenuItem.Click
        frmPasswordChange.MdiParent = Me
        frmPasswordChange.Show()
    End Sub

    Private Sub CutomerRoomBookingToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles CutomerRoomBookingToolStripMenuItem.Click
        frmReportCustRoom.MdiParent = Me
        frmReportCustRoom.Show()
    End Sub

    Private Sub CustomerProductBookingToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles CustomerProductBookingToolStripMenuItem.Click
        frmReportCustProduct.MdiParent = Me
        frmReportCustProduct.Show()
    End Sub

    Private Sub RoomBookingPendingToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles RoomBookingPendingToolStripMenuItem.Click
        frmRoomBookingList.MdiParent = Me
        frmRoomBookingList.status = 0
        frmRoomBookingList.Show()
```

```vb
    End Sub

    Private Sub RoomBookingClearedToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles RoomBookingClearedToolStripMenuItem.Click
        frmRoomBookingList.MdiParent = Me
        frmRoomBookingList.status = 1
        frmRoomBookingList.Show()
    End Sub

    Private Sub ToolStripMenuItem2_Click(sender As Object, e As EventArgs) Handles
ToolStripMenuItem2.Click
        frmProductBookingList.status = 0
        frmProductBookingList.MdiParent = Me
        frmProductBookingList.Show()
    End Sub

    Private Sub ProductClearedPaymentToolStripMenuItem_Click(sender As Object, e As
EventArgs) Handles ProductClearedPaymentToolStripMenuItem.Click
        frmProductBookingList.status = 1
        frmProductBookingList.MdiParent = Me
        frmProductBookingList.Show()
    End Sub
End Class
```

```vbnet
Public Class frmCustomer
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim recid, tbname As String
    Dim position As Integer
    Public Sub save()
        Try
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            Dim dsNewRow As DataRow
            dsNewRow = ds.Tables(tbname).NewRow()
            dsNewRow.Item("CustomerName") = txtStaffName.Text
            dsNewRow.Item("Phone") = txtPhone.Text
            dsNewRow.Item("Email") = txtEmail.Text
            dsNewRow.Item("DOB") = DateTimePicker1.Value
            dsNewRow.Item("Address") = txtAddress.Text
            dsNewRow.Item("DocumentName") = txtDocumentName.Text
            dsNewRow.Item("DocumentID") = txtDocumentID.Text
            dsNewRow.Item("CreatedDate") = Now.Date
            ds.Tables(tbname).Rows.Add(dsNewRow)
            da.Update(ds, tbname)
            recid = 0
            MsgBox("Saved")
            grdView.DataSource = ds.Tables(tbname)
            lblQty.Text = grdView.RowCount
            clearform()
        Catch ex As Exception
            MsgBox("--->" & ex.Message)
        End Try
    End Sub
    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If txtStaffName.Text = "" Then
            MsgBox("Please enter Customer name")
            txtStaffName.Focus()
        ElseIf txtPhone.Text = "" Then
            MsgBox("Please Enter Phone")
            txtPhone.Focus()
        ElseIf txtAddress.Text = "" Then
            MsgBox("Please enter Address")
            txtAddress.Focus()
        ElseIf txtEmail.Text = "" Then
            MsgBox("Please enter email")
```

```vb
            txtEmail.Focus()
        ElseIf txtDocumentName.Text = "" Then
            MsgBox("Please enter document name")
            txtDocumentName.Focus()
        ElseIf txtDocumentID.Text = "" Then
            MsgBox("Please enter document ID")
            txtDocumentID.Focus()
        Else
            save()
        End If
    End Sub
    Public Sub clearform()
        txtStaffName.Text = ""
        txtPhone.Text = ""
        txtEmail.Text = ""
        txtAddress.Text = ""
        txtDocumentName.Text = ""
        txtDocumentID.Text = ""
        txtStaffName.Focus()
    End Sub

    Private Sub frmRoom_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Try
            da = New OleDb.OleDbDataAdapter("select * from Customer", con)
            tbname = "staff"
            da.Fill(ds, tbname)
            bs.DataSource = ds.Tables(tbname)
            grdView.DataSource = ds.Tables(tbname)
            grdView.Columns("id").Visible = False
            lblQty.Text = grdView.RowCount
            position = 0
        Catch ex As Exception
            MsgBox("form load=>" & ex.Message)
        End Try

    End Sub

    Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles
btnUpdate.Click
        Try
            If recid = 0 Then
                MsgBox("Please select a row from grid")
            Else
                Dim cb As New OleDb.OleDbCommandBuilder(da)
                ds.Tables(tbname).Rows(position).Item("CustomerName") = txtStaffName.Text
```

```vbnet
            ds.Tables(tbname).Rows(position).Item("Phone") = txtPhone.Text
            ds.Tables(tbname).Rows(position).Item("Email") = txtEmail.Text
            ds.Tables(tbname).Rows(position).Item("DOB") = DateTimePicker1.Value
            ds.Tables(tbname).Rows(position).Item("Address") = txtAddress.Text
            ds.Tables(tbname).Rows(position).Item("DocumentName") =
txtDocumentName.Text
            ds.Tables(tbname).Rows(position).Item("DocumentID") = txtDocumentID.Text
            da.Update(ds, tbname)
            grdView.DataSource = ds.Tables(tbname)
            recid = 0
            MsgBox("Record Updated")
        End If
    Catch ex As Exception
        MsgBox("Update err=>" & ex.Message)
    End Try
    End Sub




    Private Sub grdView_CellMouseClick(sender As Object, e As
DataGridViewCellMouseEventArgs) Handles grdView.CellMouseClick
        Try
            If (e.RowIndex >= 0) Then
                With grdView
                    recid = .Item("id", e.RowIndex).Value
                    txtStaffName.Text = .Item("CustomerName", e.RowIndex).Value
                    txtPhone.Text = .Item("Phone", e.RowIndex).Value
                    txtEmail.Text = .Item("Email", e.RowIndex).Value
                    txtAddress.Text = .Item("Address", e.RowIndex).Value
                    txtDocumentName.Text = .Item("DocumentName", e.RowIndex).Value
                    txtDocumentID.Text = .Item("DocumentID", e.RowIndex).Value
                End With
                position = e.RowIndex
            End If
        Catch ex As Exception
            MsgBox("Edit Fill Err=>" & ex.Message)
        End Try


    End Sub
    Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles
btnDelete.Click
        If recid = 0 Then
            MsgBox("Please select a row from grid")
        Else
```

```vbnet
        If MsgBox("Are you sure to delete this record", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then
            Try
                Dim cb As New OleDb.OleDbCommandBuilder(da)
                ds.Tables(tbname).Rows(position).Delete()
                da.Update(ds, tbname)
                If position = bs.Count - 1 Then
                    position = 0
                Else
                    position = position + 1
                End If
                MsgBox("Record Deleted")
                recid = 0
                clearform()
                lblQty.Text = grdView.RowCount
            Catch ex As Exception
                MsgBox("del err=>" & ex.Message)
            End Try


        End If
    End If
  End Sub
End Class
```

```vb
Public Class frmStaffPay
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim recid, tbname As String
    Dim position As Integer
    Dim dr As OleDb.OleDbDataReader
    Public Sub getPayData()
        Dim da2 = New OleDb.OleDbDataAdapter("select * from staffpay where staffid=" &
cmbStaffName.SelectedValue, con)
        Dim ds2 As New DataSet
        da2.Fill(ds2, "staffpay")
        grdView.DataSource = ds2.Tables("staffpay")
        grdView.Columns("id").Visible = False
        grdView.Columns("staffid").Visible = False
        'sum
        lblAmount.Text = ds2.Tables("staffpay").Compute("sum(Amount)", "").ToString
    End Sub

    Public Sub save()
        Try
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            Dim dsNewRow As DataRow
            dsNewRow = ds.Tables(tbname).NewRow()
            dsNewRow.Item("StaffID") = cmbStaffName.SelectedValue
            dsNewRow.Item("Description") = txtDescription.Text
            dsNewRow.Item("Amount") = Val(txtAmount.Text)
            dsNewRow.Item("CreatedDate") = Now.Date
            ds.Tables(tbname).Rows.Add(dsNewRow)
            da.Update(ds, tbname)
            recid = 0
            MsgBox("Saved")
          getPayData
            clearform()
        Catch ex As Exception
            MsgBox("--->" & ex.Message)
        End Try
    End Sub
    Public Sub clearform()
        txtDescription.Text = ""
```

```vb
        txtAmount.Text = ""
        txtDescription.Focus()
    End Sub
    Private Sub frmStaffPay_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Try

            da = New OleDb.OleDbDataAdapter("select id,staffname from staff", con)
            da.Fill(ds, "staff")
            cmbStaffName.DataSource = ds.Tables("staff")
            cmbStaffName.DisplayMember = "staffname"
            cmbStaffName.ValueMember = "id"
            da = New OleDb.OleDbDataAdapter("select * from staffpay", con)
            tbname = "pay"
            da.Fill(ds, tbname)
        Catch ex As Exception
            MsgBox("Form Load Err=>" & ex.Message)
        End Try
    End Sub

    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If txtDescription.Text = "" Then
            MsgBox("Please enter payment description")
            txtDescription.Focus()
        ElseIf Val(txtAmount.Text) = "0" Then
            MsgBox("Please Enter Product price")
            txtAmount.Focus()
        Else
            save()
        End If
    End Sub

    Private Sub cmbStaffName_KeyDown(sender As Object, e As KeyEventArgs) Handles cmbStaffName.KeyDown
        If e.KeyCode = Keys.Up Or e.KeyCode = Keys.Down Then
            getPayData()
        End If
    End Sub

    Private Sub cmbStaffName_MouseClick(sender As Object, e As MouseEventArgs) Handles cmbStaffName.MouseClick
        getPayData()
    End Sub
```

```vb
    Private Sub cmbStaffName_SelectedIndexChanged(sender As Object, e As
EventArgs) Handles cmbStaffName.SelectedIndexChanged
        'Try
        '   da = New OleDb.OleDbDataAdapter("select * from staffpay where id=" &
cmbStaffName.SelectedValue, con)
        '   tbname = "staffpay"
        '   da.Fill(ds, tbname)
        '   bs.DataSource = ds.Tables(tbname)
        '   grdView.DataSource = ds.Tables(tbname)
        '   grdView.Columns("id").Visible = False
        '   lblQty.Text = grdView.RowCount
        '   position = 0
        'Catch ex As Exception
        '   MsgBox("cmb index change=>" & ex.Message)
        'End Try
    End Sub


    Private Sub grdView_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles grdView.CellContentClick

    End Sub


    Private Sub grdView_DataSourceChanged(sender As Object, e As EventArgs) Handles
grdView.DataSourceChanged
        lblQty.Text = grdView.RowCount

    End Sub
End Class
```

```vbnet
Public Class FrmRoomBooking
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno As Integer
    Public Sub saverec()
        Try
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            Dim dsNewRow As DataRow
            dsNewRow = dsbook.Tables("book").NewRow()
            dsNewRow.Item("CustID") = txtCustName.Tag
            dsNewRow.Item("RoomID") = cmbRoom.SelectedValue
            dsNewRow.Item("CheckInDate") = Now.Date
            dsNewRow.Item("Status") = 0
            dsNewRow.Item("Remark") = txtRemark.Text
            dsbook.Tables("book").Rows.Add(dsNewRow)
            da.Update(dsbook, "book")
            recid = 0
            MsgBox("Saved")
            grdView.DataSource = ds.Tables(tbname)
            frmRoomBookingList.status = 0
            frmRoomBookingList.Show()
            Me.Close()

        Catch ex As Exception
            MsgBox("Save rec--->" & ex.Message)
        End Try
    End Sub
    Private Sub FrmRoomBooking_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Try
            'fill customer
            da = New OleDb.OleDbDataAdapter("select id,customername,address,phone from Customer", con)
            da.Fill(ds, "customer")
            grdView.DataSource = ds.Tables("customer")
            grdView.Columns("id").Visible = False
            rowno = 0
            'fill room
```

```vb
            da = New OleDb.OleDbDataAdapter("select id,roomtype from Room ", con)
            da.Fill(ds, "room")
            cmbRoom.DataSource = ds.Tables("room")
            cmbRoom.DisplayMember = "roomtype"
            cmbRoom.ValueMember = "id"
            'fill booking table data
            da = New OleDb.OleDbDataAdapter("select
id,custid,roomid,checkindate,status,remark from booking", con)
            da.Fill(dsbook, "book")

            grdView.Left = txtCustName.Left
            grdView.Top = txtCustName.Top + 20
        Catch ex As Exception
            MsgBox("Form Load Err=>" & ex.Message)
        End Try
    End Sub

    Private Sub txtCustName_KeyDown(sender As Object, e As KeyEventArgs) Handles
txtCustName.KeyDown
        If e.KeyCode = Keys.Up Then
            If rowno > 0 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno - 1
                grdView.Rows(rowno).Selected = True
            End If
        ElseIf e.KeyCode = Keys.Down Then
            If rowno < grdView.Rows.Count - 1 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno + 1
                grdView.Rows(rowno).Selected = True
            End If
        End If
    End Sub

    Private Sub txtCustName_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles txtCustName.KeyPress
        If e.KeyChar = ChrW(Keys.Enter) Then
            txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
            txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
            grdView.Visible = False
        End If
    End Sub

    Private Sub txtCustName_LostFocus(sender As Object, e As EventArgs) Handles
txtCustName.LostFocus
```

```vbnet
        txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
        txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
        grdView.Visible = False
    End Sub


    Private Sub txtDescription_TextChanged(sender As Object, e As EventArgs) Handles
txtCustName.TextChanged
        Dim dv As New DataView(ds.Tables("customer"))
        dv.RowFilter = "customername LIKE '%" & txtCustName.Text & "%'"
        grdView.DataSource = dv
        rowno = 0
    End Sub



    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        saverec()
    End Sub
End Class
```

```vb
Public Class frmBookingProduct
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno As Integer
    Private Sub saverec()
        Try
            Dim cb As New OleDb.OleDbCommandBuilder(da)
            Dim dsNewRow As DataRow
            dsNewRow = ds.Tables("book").NewRow()
            dsNewRow.Item("CustID") = txtCustName.Tag
            dsNewRow.Item("ProductID") = cmbProduct.SelectedValue
            dsNewRow.Item("Remark") = txtRemark.Text
            dsNewRow.Item("BookDate") = Now.Date
            dsNewRow.Item("Status") = 0
            dsNewRow.Item("Qty") = txtQty.Value
            ds.Tables("book").Rows.Add(dsNewRow)
            da.Update(ds, "book")
            recid = 0
            MsgBox("Saved")
        Catch ex As Exception
            MsgBox("Save rec--->" & ex.Message)
        End Try
    End Sub
    Private Sub frmBookingProduct_Load(sender As Object, e As EventArgs) Handles MyBase.Load

        'fill customer
        da = New OleDb.OleDbDataAdapter("select id,customername,address,phone from Customer", con)
        da.Fill(ds, "customer")
        grdView.DataSource = ds.Tables("customer")
        grdView.Columns("id").Visible = False
        grdView.Left = txtCustName.Left
        grdView.Top = txtCustName.Top + 20

        'fill product
        da = New OleDb.OleDbDataAdapter("select id,productname from product", con)
        da.Fill(ds, "product")
```

```vbnet
        cmbProduct.DataSource = ds.Tables("product")
        cmbProduct.DisplayMember = "productname"
        cmbProduct.ValueMember = "id"

        ' set product book table
        da = New OleDb.OleDbDataAdapter("select
id,CustID,ProductID,Remark,BookDate,Status,Qty from BookingProduct", con)
        da.Fill(ds, "book")

        rowno = 0
    End Sub
    Private Sub txtCustName_LostFocus(sender As Object, e As EventArgs) Handles
txtCustName.LostFocus
        'txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
        'txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
        grdView.Visible = False
    End Sub
    Private Sub txtCustName_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles txtCustName.KeyPress
        If e.KeyChar = ChrW(Keys.Enter) Then
            txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
            txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
            grdView.Visible = False
        End If
    End Sub
    Private Sub txtCustName_KeyDown(sender As Object, e As KeyEventArgs) Handles
txtCustName.KeyDown
        If e.KeyCode = Keys.Up Then
            If rowno > 0 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno - 1
                grdView.Rows(rowno).Selected = True
            End If
        ElseIf e.KeyCode = Keys.Down Then
            If rowno < grdView.Rows.Count - 1 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno + 1
                grdView.Rows(rowno).Selected = True
            End If
        End If
    End Sub

    Private Sub txtCustName_TextChanged(sender As Object, e As EventArgs) Handles
txtCustName.TextChanged
        Dim dv As New DataView(ds.Tables("customer"))
```

```vbnet
        dv.RowFilter = "customername LIKE '%" & txtCustName.Text & "%'"
        grdView.DataSource = dv
        rowno = 0
    End Sub

    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If txtQty.Value = 0 Then
            MsgBox("Please enter Quantity")
            txtQty.Focus()
        Else
            saverec()
        End If
    End Sub
End Class
```

```vb
Public Class frmPaymentRoom
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno, billid As Integer
    Dim line% = 300
    Private Sub getbill()
        Try
            Dim dabill As New OleDb.OleDbDataAdapter("SELECT Booking.ID,
Room.RoomType, Room.Info, Booking.CheckInDate, Booking.Remark, Room.Price FROM
Booking INNER JOIN Room ON Booking.RoomID = Room.ID where Booking.Custid=" &
txtCustName.Tag & " and Booking.Status=0", con)
            Dim dsbill As New DataSet
            dabill.Fill(dsbill, "bill")
            grdBill.DataSource = dsbill.Tables("bill")
        Catch ex As Exception
            MsgBox("Bill fill err=>" & ex.Message)
        End Try

    End Sub
    Private Sub frmPaymentRoom_Load(sender As Object, e As EventArgs) Handles
MyBase.Load
        Try

            recid = 0
            rowno = 0
        Catch ex As Exception
            MsgBox("Frm Load=>" & ex.Message)
        End Try
    End Sub

    Private Sub txtCustName_GotFocus(sender As Object, e As EventArgs) Handles
txtCustName.GotFocus
        Try
            'fill customer
            da = New OleDb.OleDbDataAdapter("select id,customername,address,phone
from Customer", con)
            da.Fill(ds, "customer")
            grdView.DataSource = ds.Tables("customer")
```

```vbnet
        grdView.Columns("id").Visible = False
        grdView.Left = txtCustName.Left
        grdView.Top = txtCustName.Top + 20
        grdView.Visible = True
    Catch ex As Exception
        MsgBox("Fill Customer Err=>" & ex.Message)
    End Try

End Sub

Private Sub txtCustName_KeyDown(sender As Object, e As KeyEventArgs) Handles
txtCustName.KeyDown
    If e.KeyCode = Keys.Up Then
        If rowno > 0 Then
            grdView.Rows(rowno).Selected = False
            rowno = rowno - 1
            grdView.Rows(rowno).Selected = True
        End If
    ElseIf e.KeyCode = Keys.Down Then
        If rowno < grdView.Rows.Count - 1 Then
            grdView.Rows(rowno).Selected = False
            rowno = rowno + 1
            grdView.Rows(rowno).Selected = True
        End If
    End If
End Sub

Private Sub txtCustName_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles txtCustName.KeyPress
    If e.KeyChar = ChrW(Keys.Enter) Then
        txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
        txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
        grdView.Visible = False
        getbill()
        grdBill.Focus()
    End If
End Sub

Private Sub txtCustName_LostFocus(sender As Object, e As EventArgs) Handles
txtCustName.LostFocus
    txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
    txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
    grdView.Visible = False
    getbill()
End Sub
```

```vb
    Private Sub txtCustName_TextChanged(sender As Object, e As EventArgs)
Handles txtCustName.TextChanged
        Dim dv As New DataView(ds.Tables("customer"))
        dv.RowFilter = "customername LIKE '%" & txtCustName.Text & "%'"
        grdView.DataSource = dv
        rowno = 0
    End Sub




    Private Sub grdBill_CellMouseClick(sender As Object, e As
DataGridViewCellMouseEventArgs) Handles grdBill.CellMouseClick
        Dim day, price As Integer
        Try
            If (e.RowIndex >= 0) Then
                With grdBill
                    recid = .Item("ID", e.RowIndex).Value
                    day = DateDiff("y", .Item("CheckInDate", e.RowIndex).Value, Date.Now)
                    price = .Item("Price", e.RowIndex).Value
                    txtAmount.Text = day * price
                End With
                position = e.RowIndex
            End If
        Catch ex As Exception
            MsgBox("Edit Fill Err=>" & ex.Message)
        End Try
    End Sub

    Private Sub grdBill_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles grdBill.CellContentClick

    End Sub

    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If txtRemark.Text = "" Then
            MsgBox("Please enter remark")
            txtRemark.Focus()
        Else
            Try
                com.CommandText = "insert into billpayment
(CID,BID,BillFor,Amount,Remark,PayDate)" _
                        & "values(" & txtCustName.Tag & "," & recid & ",'Room'," &
txtAmount.Text & ",'" & txtRemark.Text & "','" & Date.Now & "')"
                com.ExecuteNonQuery()
```

```vbnet
            ' close bill payment
            com.CommandText = "update Booking set CheckOutDate='" & Date.Now
& "',Status=1,AmountPay=" & txtAmount.Text & " where id=" & recid
            com.ExecuteNonQuery()
            MsgBox("Payment done successfully")
        Catch ex As Exception
            MsgBox("bill payment err=>" & ex.Message)
        End Try
    End If
End Sub


    Private Sub btnPrint_Click(sender As Object, e As EventArgs) Handles btnPrint.Click
        If recid = 0 Then
            MsgBox("Please select a row by mouse form bill list grid ")
        Else
            PrintPreviewDialog1.MdiParent = MDI
            PrintPreviewDialog1.Show()
            PrintPreviewDialog1.BringToFront()
            PrintPreviewDialog1.Width = MDI.Width
            PrintPreviewDialog1.WindowState = FormWindowState.Maximized
        End If
    End Sub

    Private Sub PrintDocument1_PrintPage(sender As Object, e As
Printing.PrintPageEventArgs) Handles PrintDocument1.PrintPage
        Try
        Dim leftlalign As Integer = 70
        Dim linegap As Integer = 40
        Dim ulCorner As New Point(35, 10)
        e.Graphics.DrawImage(My.Resources.print_head, ulCorner)
            e.Graphics.DrawString("Room  Payment Invoice", New Font("verdana", 30),
Brushes.Black, 150, 200)
        e.Graphics.DrawLine(New Pen(Color.Black, 2), 0, 260, 1000, 260)
        e.Graphics.DrawString("Customer ID : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(txtCustName.Tag, New Font("verdana", 15), Brushes.Black,
leftlalign + 180, GetLineNo(False))
        e.Graphics.DrawString("Customer Name : ", New Font("verdana", 15,
FontStyle.Bold), Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(txtCustName.Text, New Font("verdana", 15), Brushes.Black,
leftlalign + 215, GetLineNo(False))
```

```vb
        e.Graphics.DrawString("Bill Date : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(Date.Now.ToShortDateString, New Font("verdana", 15),
Brushes.Black, leftlalign + 130, GetLineNo(False))
            e.Graphics.DrawString("Room Type : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
            e.Graphics.DrawString(grdBill.Item("RoomType",
grdBill.CurrentCell.RowIndex).Value, New Font("verdana", 15), Brushes.Black, leftlalign +
150, GetLineNo(False))
        e.Graphics.DrawString("Price : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(grdBill.Item("Price", grdBill.CurrentCell.RowIndex).Value,
New Font("verdana", 15), Brushes.Black, leftlalign + 80, GetLineNo(False))


        If Not txtRemark.Text = "" Then
        e.Graphics.DrawString("Remark : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(txtRemark.Text, New Font("verdana", 15), Brushes.Black,
leftlalign + 110, GetLineNo(False))
        End If
    Catch ex As Exception
        MsgBox("Print Err=> " & ex.Message)
    End Try
  End Sub
  Private Function GetLineNo(flag As Boolean) As Integer
    If flag = True Then
        line += 40
    End If

    Return line
  End Function
End Class
```

```vbnet
Public Class frmProductPayment
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno, billid As Integer
    Dim line% = 300
    Private Sub getbill()
        Try
            Dim dabill As New OleDb.OleDbDataAdapter("SELECT BookingProduct.ID,
Product.ProductName, Product.Price, BookingProduct.Qty,
BookingProduct.AmountPaid, BookingProduct.Remark, BookingProduct.BookDate
FROM BookingProduct INNER JOIN Product ON BookingProduct.ProductID = Product.ID
where BookingProduct.CustID=" & txtCustName.Tag & " and BookingProduct.Status=0",
con)
            Dim dsbill As New DataSet
            dabill.Fill(dsbill, "bill")
            grdBill.DataSource = dsbill.Tables("bill")
        Catch ex As Exception
            MsgBox("Bill fill err=>" & ex.Message)
        End Try

    End Sub
    Private Sub frmPaymentRoom_Load(sender As Object, e As EventArgs) Handles
MyBase.Load
        Try


            rowno = 0
        Catch ex As Exception
            MsgBox("Frm Load=>" & ex.Message)
        End Try
    End Sub

    Private Sub txtCustName_GotFocus(sender As Object, e As EventArgs) Handles
txtCustName.GotFocus
        Try
            'fill customer
            da = New OleDb.OleDbDataAdapter("select id,customername,address,phone
from Customer", con)
```

```vbnet
            da.Fill(ds, "customer")
            grdView.DataSource = ds.Tables("customer")
            grdView.Columns("id").Visible = False
            grdView.Left = txtCustName.Left
            grdView.Top = txtCustName.Top + 20
            grdView.Visible = True
        Catch ex As Exception
            MsgBox("Fill Customer Err=>" & ex.Message)
        End Try

    End Sub

    Private Sub txtCustName_KeyDown(sender As Object, e As KeyEventArgs) Handles txtCustName.KeyDown
        If e.KeyCode = Keys.Up Then
            If rowno > 0 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno - 1
                grdView.Rows(rowno).Selected = True
            End If
        ElseIf e.KeyCode = Keys.Down Then
            If rowno < grdView.Rows.Count - 1 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno + 1
                grdView.Rows(rowno).Selected = True
            End If
        End If
    End Sub

    Private Sub txtCustName_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCustName.KeyPress
        If e.KeyChar = ChrW(Keys.Enter) Then
            txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
            txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
            grdView.Visible = False
            getbill()
            grdBill.Focus()
        End If
    End Sub

    Private Sub txtCustName_LostFocus(sender As Object, e As EventArgs) Handles txtCustName.LostFocus
        txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
        txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
        grdView.Visible = False
```

```vbnet
        getbill()
    End Sub


    Private Sub txtCustName_TextChanged(sender As Object, e As EventArgs) Handles
txtCustName.TextChanged
        Dim dv As New DataView(ds.Tables("customer"))
        dv.RowFilter = "customername LIKE '%" & txtCustName.Text & "%'"
        grdView.DataSource = dv
        rowno = 0
    End Sub



    Private Sub grdBill_CellMouseClick(sender As Object, e As
DataGridViewCellMouseEventArgs) Handles grdBill.CellMouseClick
        Dim rate, qty As Integer
        Try
            If (e.RowIndex >= 0) Then
                With grdBill
                    recid = .Item("ID", e.RowIndex).Value
                    rate = .Item("Price", e.RowIndex).Value
                    qty = .Item("Qty", e.RowIndex).Value
                    txtAmount.Text = rate * qty
                End With
                position = e.RowIndex
            End If
        Catch ex As Exception
            MsgBox("Edit Fill Err=>" & ex.Message)
        End Try
    End Sub



    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If recid = 0 Then
            MsgBox("Please select a row by mouse  from Bill list Grid")
        Else
            If txtRemark.Text = "" Then
                MsgBox("Please enter remark")
                txtRemark.Focus()
            Else
                Try
                    com.CommandText = "insert into billpayment
(CID,BID,BillFor,Amount,Remark,PayDate)" _
```

```vbnet
                    & "values(" & txtCustName.Tag & "," & recid & ",'Product'," &
txtAmount.Text & ",'" & txtRemark.Text & "','" & Date.Now & "')"
            com.ExecuteNonQuery()
            ' close bill payment
            com.CommandText = "update BookingProduct set PaymentDate='" &
Date.Now & "',Status=1,AmountPaid=" & txtAmount.Text & " where id=" & recid
            com.ExecuteNonQuery()
            MsgBox("Payment done successfully")
            recid = 0
        Catch ex As Exception
            MsgBox("bill payment err=>" & ex.Message)
        End Try
      End If
    End If


  End Sub




  Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    If recid = 0 Then
      MsgBox("Please select a row by mouse form bill list grid ")
    Else
      PrintPreviewDialog1.MdiParent = MDI
      PrintPreviewDialog1.Show()
      PrintPreviewDialog1.BringToFront()
      PrintPreviewDialog1.Width = MDI.Width
      PrintPreviewDialog1.WindowState = FormWindowState.Maximized
    End If

  End Sub

  Private Sub PrintDocument1_PrintPage(sender As Object, e As
Printing.PrintPageEventArgs) Handles PrintDocument1.PrintPage
    Try
      Dim leftlalign As Integer = 70
      Dim linegap As Integer = 40
      Dim ulCorner As New Point(35, 10)
      e.Graphics.DrawImage(My.Resources.print_head, ulCorner)
      e.Graphics.DrawString("Product Payment Invoice", New Font("verdana", 30),
Brushes.Black, 150, 200)
      e.Graphics.DrawLine(New Pen(Color.Black, 2), 0, 260, 1000, 260)
```

```vb
        e.Graphics.DrawString("Customer ID : ", New Font("verdana", 15,
FontStyle.Bold), Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(txtCustName.Tag, New Font("verdana", 15),
Brushes.Black, leftlalign + 180, GetLineNo(False))
        e.Graphics.DrawString("Customer Name : ", New Font("verdana", 15,
FontStyle.Bold), Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(txtCustName.Text, New Font("verdana", 15),
Brushes.Black, leftlalign + 215, GetLineNo(False))
        e.Graphics.DrawString("Bill Date : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(Date.Now.ToShortDateString, New Font("verdana", 15),
Brushes.Black, leftlalign + 130, GetLineNo(False))
        e.Graphics.DrawString("Product Name : ", New Font("verdana", 15,
FontStyle.Bold), Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(grdBill.Item("ProductName",
grdBill.CurrentCell.RowIndex).Value, New Font("verdana", 15), Brushes.Black, leftlalign +
190, GetLineNo(False))
        e.Graphics.DrawString("Price : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(grdBill.Item("Price", grdBill.CurrentCell.RowIndex).Value,
New Font("verdana", 15), Brushes.Black, leftlalign + 80, GetLineNo(False))
        e.Graphics.DrawString("Quantity : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(grdBill.Item("Qty", grdBill.CurrentCell.RowIndex).Value,
New Font("verdana", 15), Brushes.Black, leftlalign + 125, GetLineNo(False))
        e.Graphics.DrawString("Total Amount : ", New Font("verdana", 15,
FontStyle.Bold), Brushes.Black, leftlalign, GetLineNo(True))
        e.Graphics.DrawString(txtAmount.Text, New Font("verdana", 15), Brushes.Black,
leftlalign + 185, GetLineNo(False))
        If Not txtRemark.Text = "" Then
            e.Graphics.DrawString("Remark : ", New Font("verdana", 15, FontStyle.Bold),
Brushes.Black, leftlalign, GetLineNo(True))
            e.Graphics.DrawString(txtRemark.Text, New Font("verdana", 15),
Brushes.Black, leftlalign + 110, GetLineNo(False))
        End If
    Catch ex As Exception
        MsgBox("Print Err : => " & ex.Message)
    End Try

    End Sub
    Private Function GetLineNo(flag As Boolean) As Integer
        If flag = True Then
            line += 40
        End If
```

```vbnet
        Return line
    End Function
```

```vbnet
    Private Sub PrintPreviewDialog1_Load(sender As Object, e As EventArgs) Handles PrintPreviewDialog1.Load

    End Sub
End Class
```

```vb
Public Class frmPasswordChange

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Me.Close()
    End Sub

    Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
        If txtCurrentPass.Text = "" Then
            MsgBox("Please enter current password")
            txtCurrentPass.Focus()
        ElseIf txtPass1.Text = "" Then
            MsgBox("Please enter new password")
            txtPass1.Focus()
        ElseIf txtPass2.Text = "" Then
            MsgBox("Please enter Re-Enter password")
            txtPass2.Focus()
        ElseIf Not txtPass1.Text = txtPass2.Text Then
            MsgBox("New and Re-Enter Password doesn't match")
        Else
            Try
                com.CommandText = "select count(*) from login where Password='" &
txtCurrentPass.Text & "'"
                If (com.ExecuteScalar().ToString() = "1") Then
                    com.CommandText = "update Login set Login.Password='" & txtPass1.Text &
"' where username='admin'"
                    com.ExecuteNonQuery()
                    MsgBox("Password changed successfully")
                    Me.Close()
                Else
                    MsgBox("Current Password is wrong")
                    txtCurrentPass.Text = ""
                    txtCurrentPass.Focus()
                End If
            Catch ex As Exception
                MsgBox("pass change err=>" & ex.Message)
            End Try

        End If
    End Sub
End Class
```

```vbnet
Public Class frmReportCustRoom
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim rowno% = 0
    Private Sub getbill()
        Try
            'Pending Payment
            Dim dabill As New OleDb.OleDbDataAdapter("SELECT Booking.ID,
Room.RoomType, Room.Info, Booking.CheckInDate, Booking.Remark, Room.Price FROM
Booking INNER JOIN Room ON Booking.RoomID = Room.ID where Booking.Custid=" &
txtCustName.Tag & " and Booking.Status=0", con)
            Dim dsbill As New DataSet
            dabill.Fill(dsbill, "billpending")
            grdBill.DataSource = dsbill.Tables("billpending")
            'Cleared Payment
            dabill = New OleDb.OleDbDataAdapter("SELECT Booking.ID, Room.RoomType,
Room.Info, Booking.CheckInDate, Booking.Remark, Room.Price FROM Booking INNER
JOIN Room ON Booking.RoomID = Room.ID where Booking.Custid=" & txtCustName.Tag
& " and Booking.Status=1", con)

            dabill.Fill(dsbill, "billclear")
            grdPayment.DataSource = dsbill.Tables("billclear")

            lblPendingAmt.Text = dsbill.Tables("billpending").Compute("sum(Price)",
"").ToString
            lblPaymentDone.Text = dsbill.Tables("billclear").Compute("sum(Price)",
"").ToString
        Catch ex As Exception
            MsgBox("Bill fill err=>" & ex.Message)
        End Try

    End Sub
    Private Sub frmReportCustRoom_Load(sender As Object, e As EventArgs) Handles
MyBase.Load

    End Sub

    Private Sub txtCustName_GotFocus(sender As Object, e As EventArgs) Handles
txtCustName.GotFocus
        Try
```

```vb
        'fill customer
        da = New OleDb.OleDbDataAdapter("select
id,customername,address,phone from Customer", con)
        da.Fill(ds, "customer")
        grdView.DataSource = ds.Tables("customer")
        grdView.Columns("id").Visible = False
        grdView.Left = txtCustName.Left
        grdView.Top = txtCustName.Top + 20
        grdView.Visible = True
    Catch ex As Exception
        MsgBox("Fill Customer Err=>" & ex.Message)
    End Try
End Sub

Private Sub txtCustName_KeyDown(sender As Object, e As KeyEventArgs) Handles
txtCustName.KeyDown
    If e.KeyCode = Keys.Up Then
        If rowno > 0 Then
            grdView.Rows(rowno).Selected = False
            rowno = rowno - 1
            grdView.Rows(rowno).Selected = True
        End If
    ElseIf e.KeyCode = Keys.Down Then
        If rowno < grdView.Rows.Count - 1 Then
            grdView.Rows(rowno).Selected = False
            rowno = rowno + 1
            grdView.Rows(rowno).Selected = True
        End If
    End If
End Sub

Private Sub txtCustName_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles txtCustName.KeyPress
    If e.KeyChar = ChrW(Keys.Enter) Then
        txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
        txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
        grdView.Visible = False
        getbill()
        grdBill.Focus()
    End If
End Sub

Private Sub txtCustName_TextChanged(sender As Object, e As EventArgs) Handles
txtCustName.TextChanged
    Dim dv As New DataView(ds.Tables("customer"))
```

```vb
        dv.RowFilter = "customername LIKE '%" & txtCustName.Text & "%'"
        grdView.DataSource = dv
        rowno = 0
    End Sub

    Private Sub DataGridView1_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles grdPayment.CellContentClick

    End Sub
End Class
```

```vb
Public Class frmReportCustProduct
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim rowno% = 0
    Private Sub getbill()
        Try
            'Pending Payment
            Dim dabill As New OleDb.OleDbDataAdapter("SELECT BookingProduct.ID,
Product.ProductName, Product.Price, BookingProduct.Qty,
BookingProduct.AmountPaid, BookingProduct.Remark, BookingProduct.BookDate
FROM BookingProduct INNER JOIN Product ON BookingProduct.ProductID = Product.ID
where BookingProduct.CustID=" & txtCustName.Tag & " and BookingProduct.Status=0",
con)
            Dim dsbill As New DataSet
            dabill.Fill(dsbill, "billpending")
            grdBill.DataSource = dsbill.Tables("billpending")
            'Cleared Payment
            dabill = New OleDb.OleDbDataAdapter("SELECT BookingProduct.ID,
Product.ProductName, Product.Price, BookingProduct.Qty,
BookingProduct.AmountPaid, BookingProduct.Remark, BookingProduct.BookDate
FROM BookingProduct INNER JOIN Product ON BookingProduct.ProductID = Product.ID
where BookingProduct.CustID=" & txtCustName.Tag & " and BookingProduct.Status=1",
con)

            dabill.Fill(dsbill, "billclear")
            grdPayment.DataSource = dsbill.Tables("billclear")

            'sum pending amount
            Dim tot% = 0
            For Each row As DataGridViewRow In grdBill.Rows
                tot += (Convert.ToInt32(row.Cells("Qty").Value) *
Convert.ToInt32(row.Cells("Price").Value))
            Next
            lblPendingAmt.Text = tot
            lblPaymentDone.Text = dsbill.Tables("billclear").Compute("sum(Price)",
"").ToString
        Catch ex As Exception
            MsgBox("Bill fill err=>" & ex.Message)
        End Try
```

```vbnet
    End Sub
    Private Sub txtCustName_GotFocus(sender As Object, e As EventArgs) Handles
txtCustName.GotFocus
        Try
            'fill customer
            da = New OleDb.OleDbDataAdapter("select id,customername,address,phone
from Customer", con)
            da.Fill(ds, "customer")
            grdView.DataSource = ds.Tables("customer")
            grdView.Columns("id").Visible = False
            grdView.Left = txtCustName.Left
            grdView.Top = txtCustName.Top + 20
            grdView.Visible = True
        Catch ex As Exception
            MsgBox("Fill Customer Err=>" & ex.Message)
        End Try
    End Sub

    Private Sub txtCustName_KeyDown(sender As Object, e As KeyEventArgs) Handles
txtCustName.KeyDown
        If e.KeyCode = Keys.Up Then
            If rowno > 0 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno - 1
                grdView.Rows(rowno).Selected = True
            End If
        ElseIf e.KeyCode = Keys.Down Then
            If rowno < grdView.Rows.Count - 1 Then
                grdView.Rows(rowno).Selected = False
                rowno = rowno + 1
                grdView.Rows(rowno).Selected = True
            End If
        End If
    End Sub

    Private Sub txtCustName_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles txtCustName.KeyPress
        If e.KeyChar = ChrW(Keys.Enter) Then
            txtCustName.Tag = grdView.Item("id", rowno).Value.ToString
            txtCustName.Text = grdView.Item("customername", rowno).Value.ToString
            grdView.Visible = False
            getbill()
            grdBill.Focus()
        End If
    End Sub
```

```vb
    Private Sub txtCustName_TextChanged(sender As Object, e As EventArgs)
Handles txtCustName.TextChanged
        Dim dv As New DataView(ds.Tables("customer"))
        dv.RowFilter = "customername LIKE '%" & txtCustName.Text & "%'"
        grdView.DataSource = dv
        rowno = 0
    End Sub

    Private Sub frmReportCustProduct_Load(sender As Object, e As EventArgs) Handles
MyBase.Load

    End Sub
End Class
```

```vb
Public Class frmRoomBookingList
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno As Integer
    Public status As Integer
    Private Sub frmRoomBookingList_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Try
            'fill room booking list
            Dim sql As String
            sql = "SELECT Booking.ID, Customer.CustomerName, Booking.CheckInDate, Room.RoomType, Room.Info, Room.Price  FROM (Booking INNER JOIN Customer ON Booking.CustID = Customer.ID) INNER JOIN Room ON Booking.RoomID = Room.ID where Booking.status=" & status
            da = New OleDb.OleDbDataAdapter(sql, con)
            da.Fill(ds, "booking")
            grdView.DataSource = ds.Tables("booking")
            If status = 0 Then
                lblHeader.Text = "Room Booking List Pending"
            Else
                lblHeader.Text = "Room Booking List Cleared"
            End If
        Catch ex As Exception
            MsgBox("frm Load=>" & ex.Message)
        End Try
    End Sub
End Class
```

```vbnet
Public Class frmRoomBookingList
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno As Integer
    Public status As Integer
    Private Sub frmRoomBookingList_Load(sender As Object, e As
EventArgs) Handles MyBase.Load
        Try
            'fill room booking list
            Dim sql As String
            sql = "SELECT Booking.ID, Customer.CustomerName,
Booking.CheckInDate, Room.RoomType, Room.Info, Room.Price  FROM
(Booking INNER JOIN Customer ON Booking.CustID = Customer.ID)
INNER JOIN Room ON Booking.RoomID = Room.ID  where
Booking.status=" & status
            da = New OleDb.OleDbDataAdapter(sql, con)
            da.Fill(ds, "booking")
            grdView.DataSource = ds.Tables("booking")
            If status = 0 Then
                lblHeader.Text = "Room Booking List Pending"
            Else
                lblHeader.Text = "Room Booking List Cleared"
            End If
        Catch ex As Exception
            MsgBox("frm Load=>" & ex.Message)
        End Try
    End Sub
End Class
```

```vbnet
Public Class frmProductBookingList
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno As Integer
    Public status As Integer
    Private Sub frmProductBookingList_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Try
            'fill room booking list
            Dim sql As String
            sql = "SELECT BookingProduct.ID, Product.ProductName, Product.Price, BookingProduct.Qty, BookingProduct.AmountPaid, BookingProduct.Remark, BookingProduct.BookDate FROM BookingProduct INNER JOIN Product ON BookingProduct.ProductID = Product.ID where  BookingProduct.Status=" & status
            da = New OleDb.OleDbDataAdapter(sql, con)
            da.Fill(ds, "booking")
            grdView.DataSource = ds.Tables("booking")
            If status = 0 Then
                lblHeader.Text = "Product Booking List Pending"
                Me.Text = "Product Booking List Pending"
            Else
                lblHeader.Text = "Product Booking List Cleared"
                Me.Text = "Product Booking List Cleared"
            End If
        Catch ex As Exception
            MsgBox("frm Load=>" & ex.Message)
        End Try
    End Sub
End Class
```

```vb
Public Class frmProductBookingList
    Dim bs As New BindingSource
    Dim da As OleDb.OleDbDataAdapter
    Dim ds As New DataSet
    Dim dsbook As New DataSet
    Dim recid, tbname As String
    Dim position, rowno As Integer
    Public status As Integer
    Private Sub frmProductBookingList_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Try
            'fill room booking list
            Dim sql As String
            sql = "SELECT BookingProduct.ID, Product.ProductName, Product.Price, BookingProduct.Qty, BookingProduct.AmountPaid, BookingProduct.Remark, BookingProduct.BookDate FROM BookingProduct INNER JOIN Product ON BookingProduct.ProductID = Product.ID where  BookingProduct.Status=" & status
            da = New OleDb.OleDbDataAdapter(sql, con)
            da.Fill(ds, "booking")
            grdView.DataSource = ds.Tables("booking")
            If status = 0 Then
                lblHeader.Text = "Product Booking List Pending"
                Me.Text = "Product Booking List Pending"
            Else
                lblHeader.Text = "Product Booking List Cleared"
                Me.Text = "Product Booking List Cleared"
            End If
        Catch ex As Exception
            MsgBox("frm Load=>" & ex.Message)
        End Try
    End Sub
End Class
```

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