**Assignment : BHB Hotel Mangement System**



Session 2021 – 2025

**Submitted by:**

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**Supervised By:**

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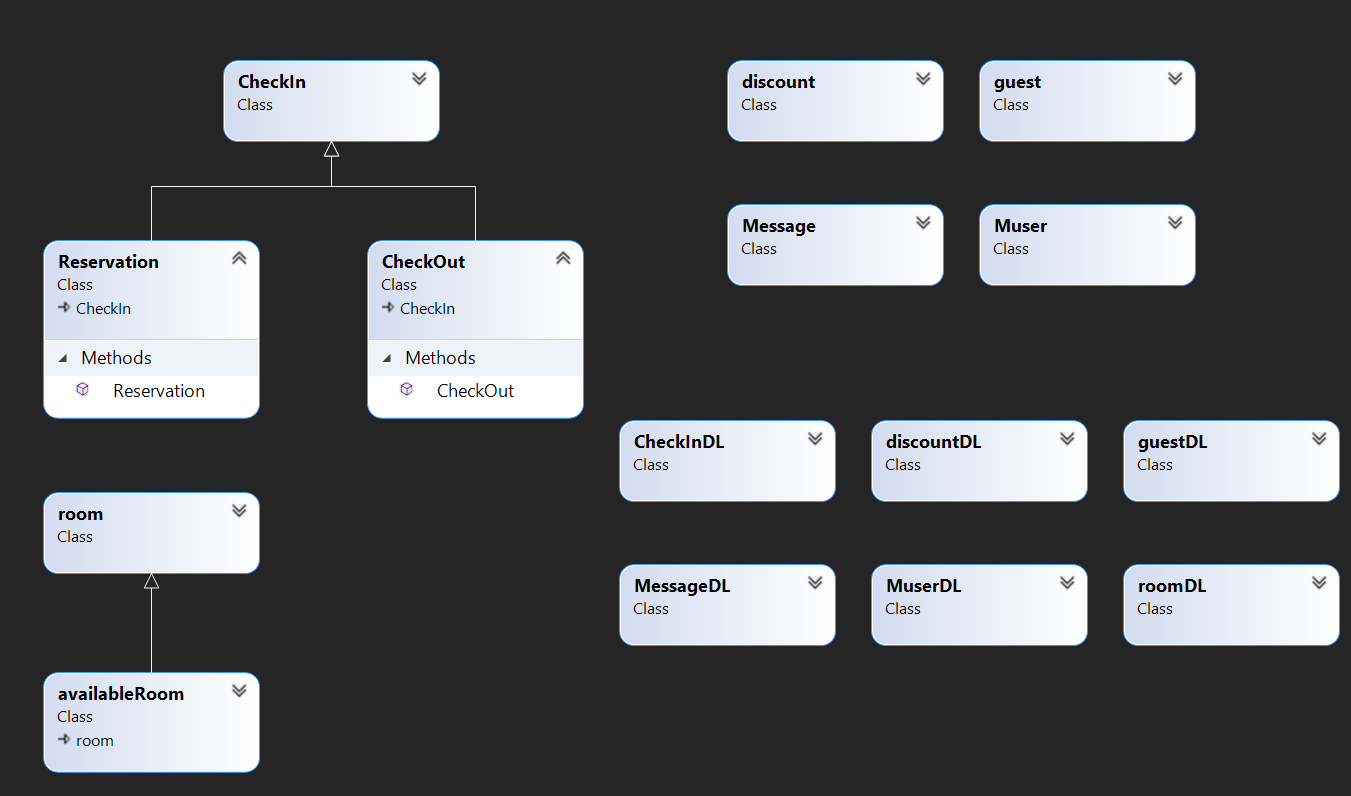
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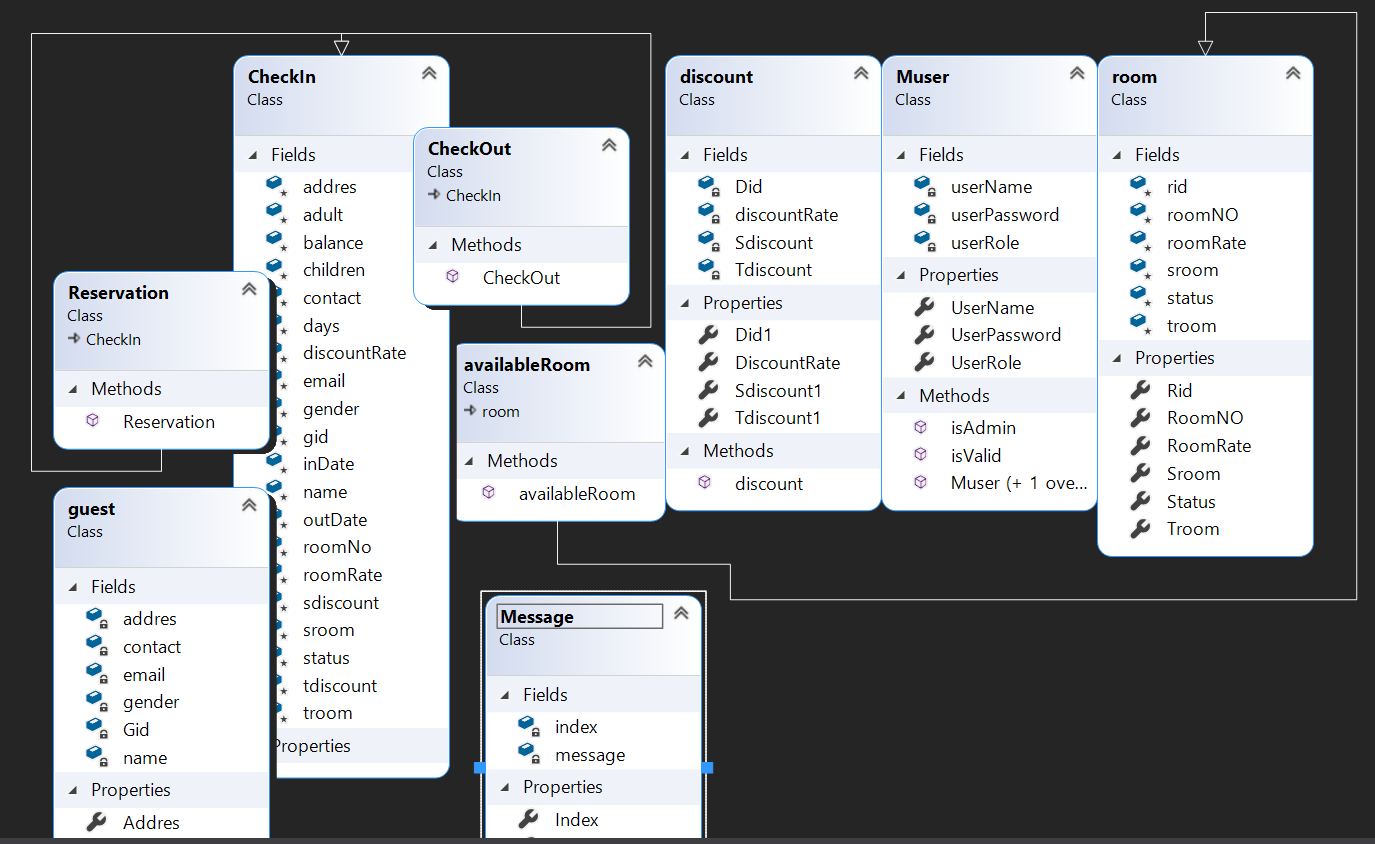
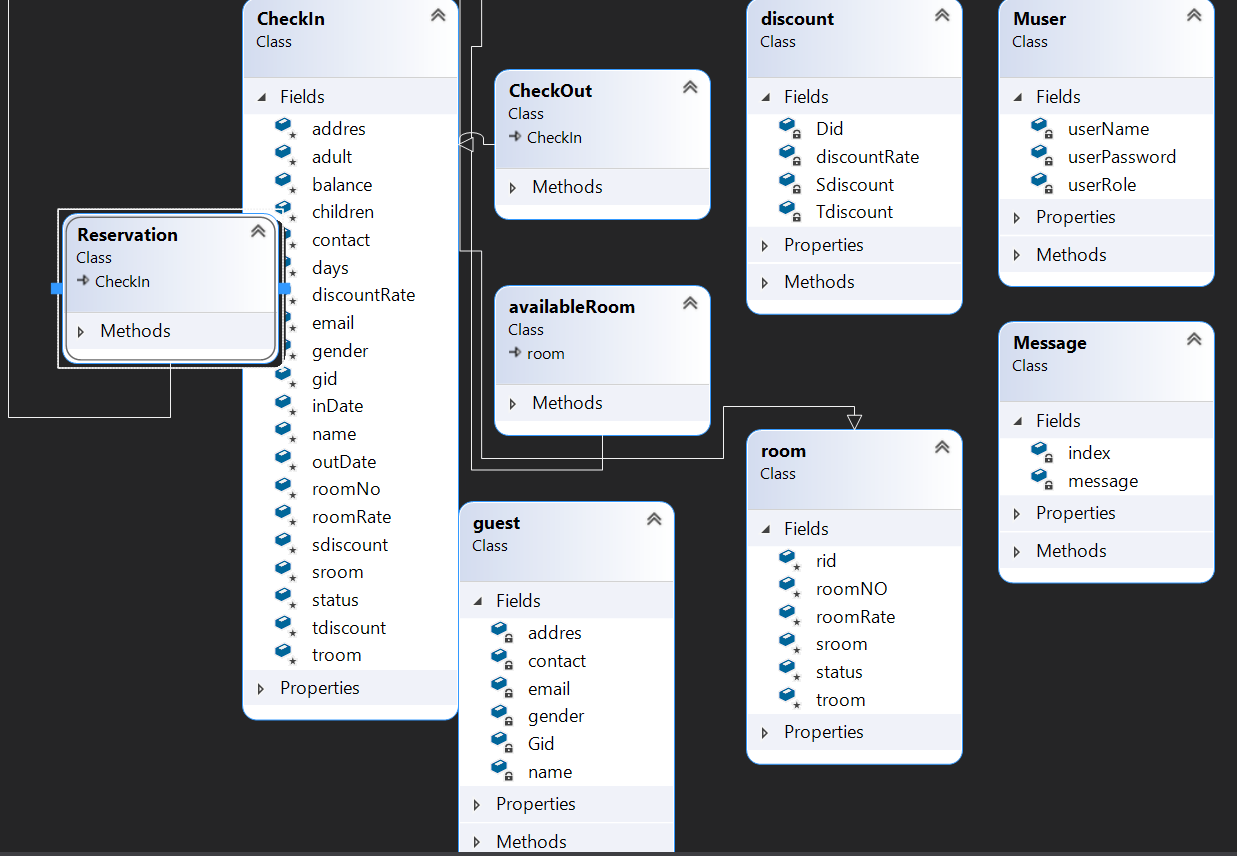
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**Table Lay Out Content**

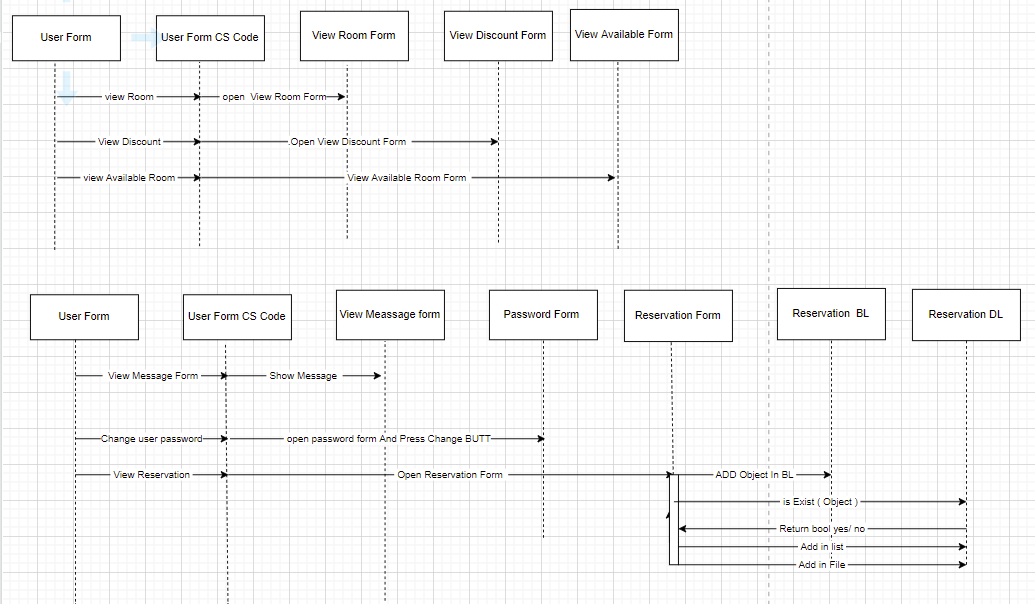
1. Class Diagram is at **Page no 2**
2. Sequence Diagram is at **Page no 4**
3. WireFram Forms is at **Page no 5**
4. Business Apllication Code BL / DL Classes is AT **page no 15**

**Class Diagram**



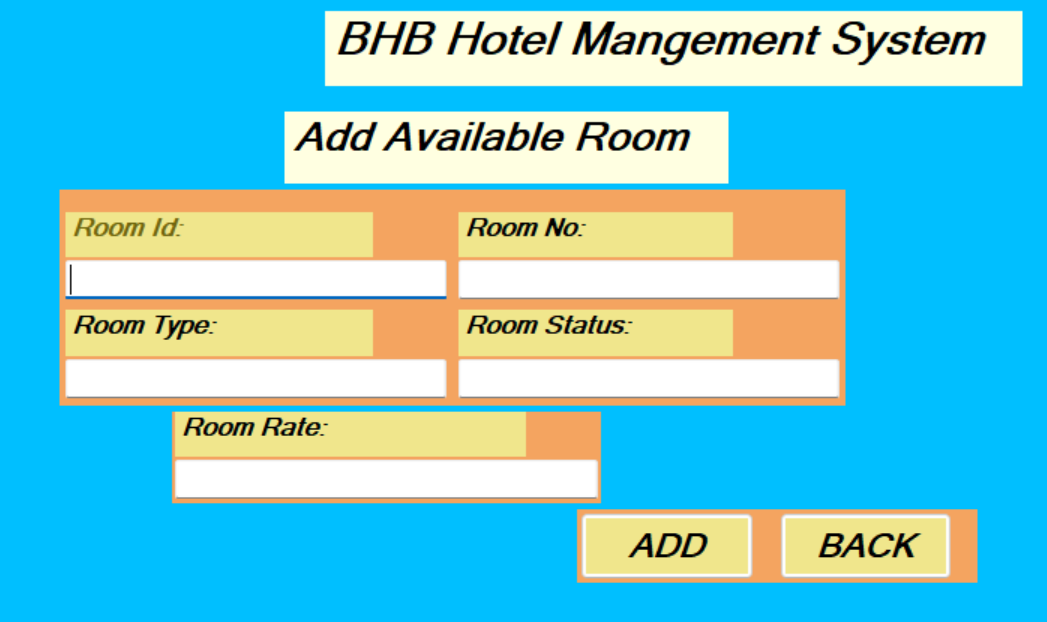
 

**Sequence Diagram ( USER )**

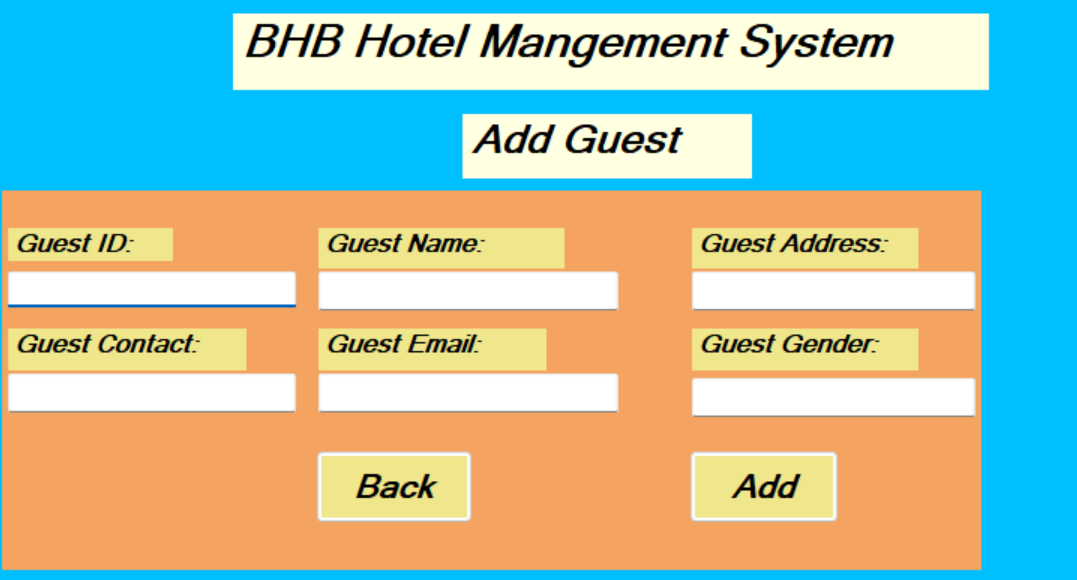


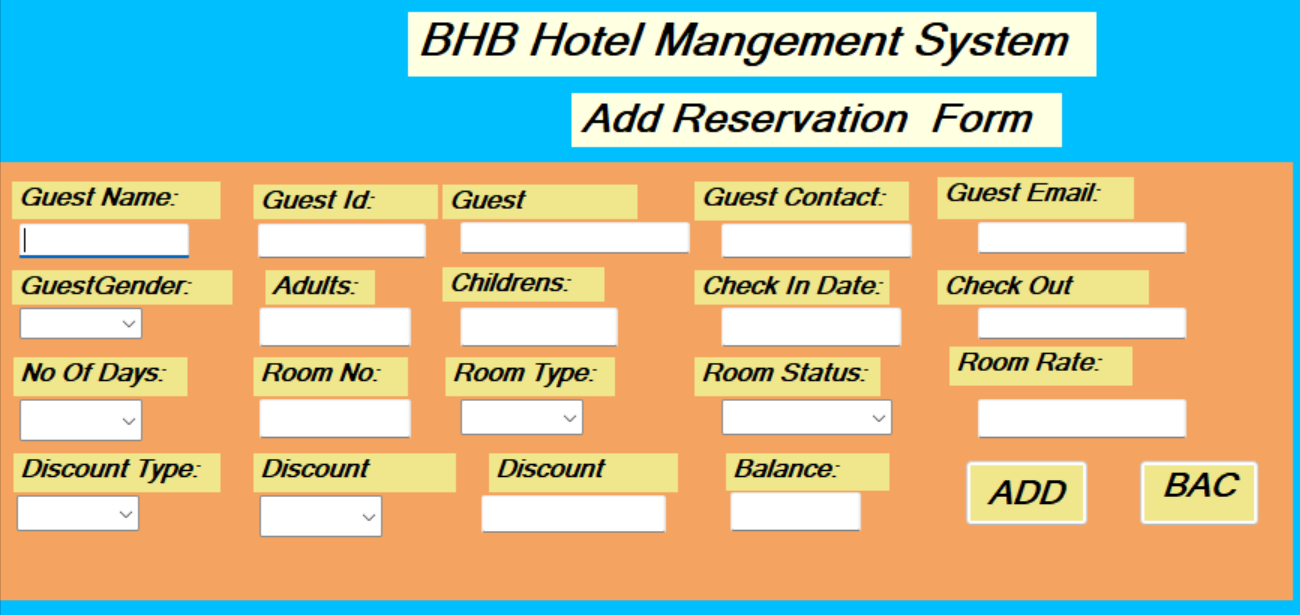
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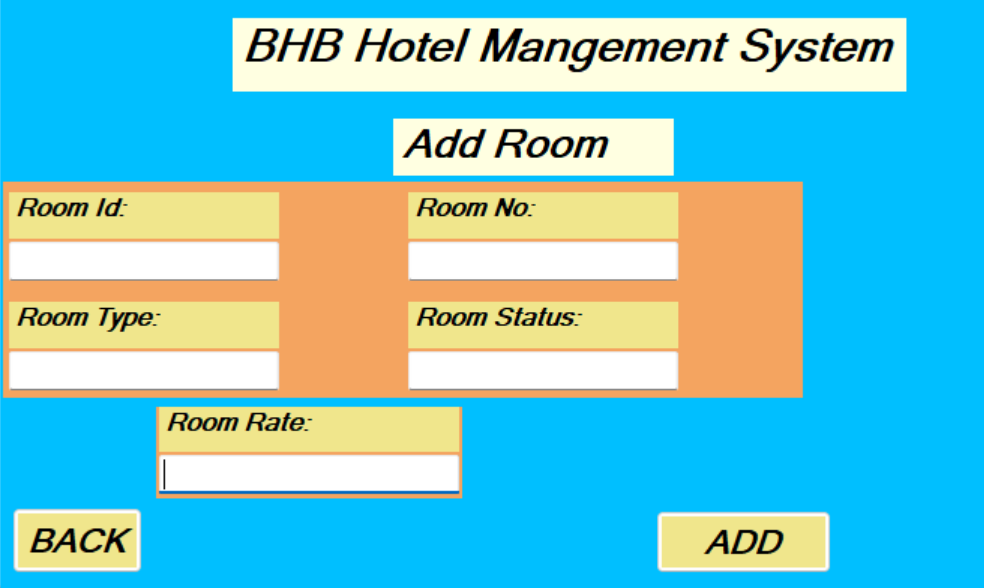
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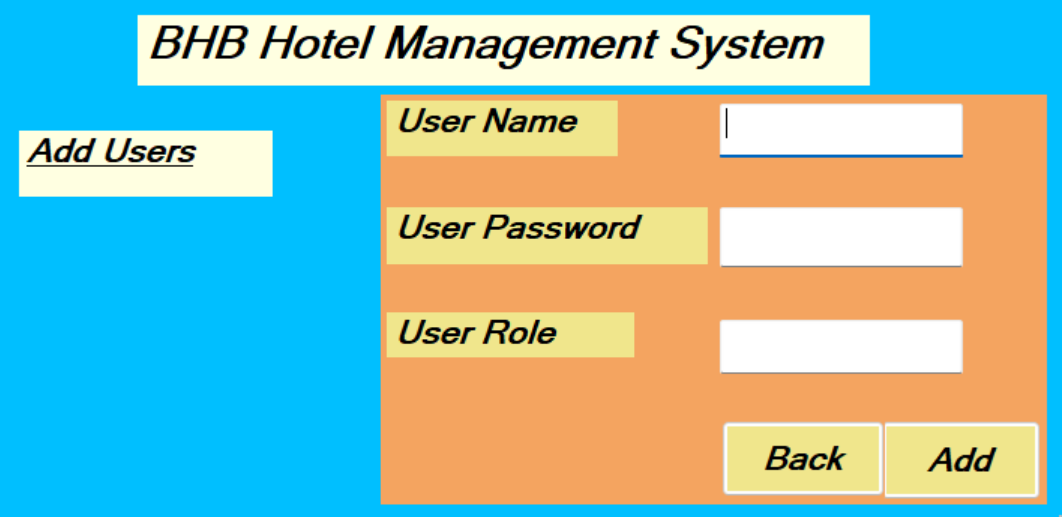


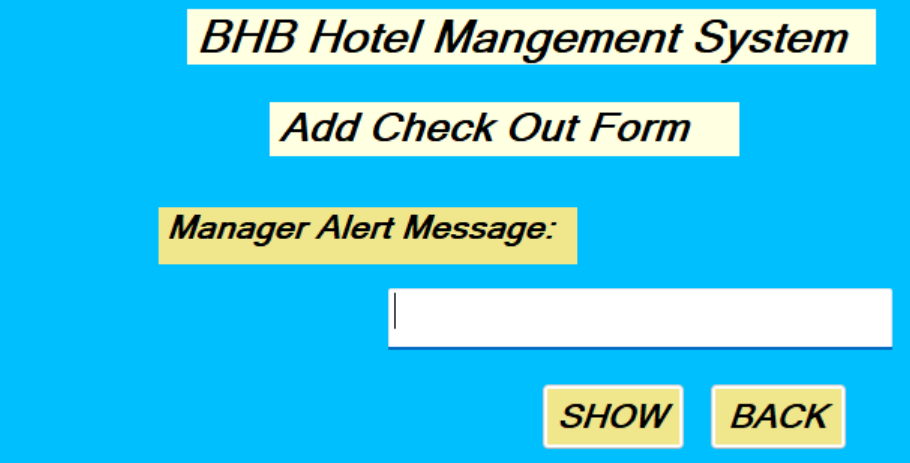


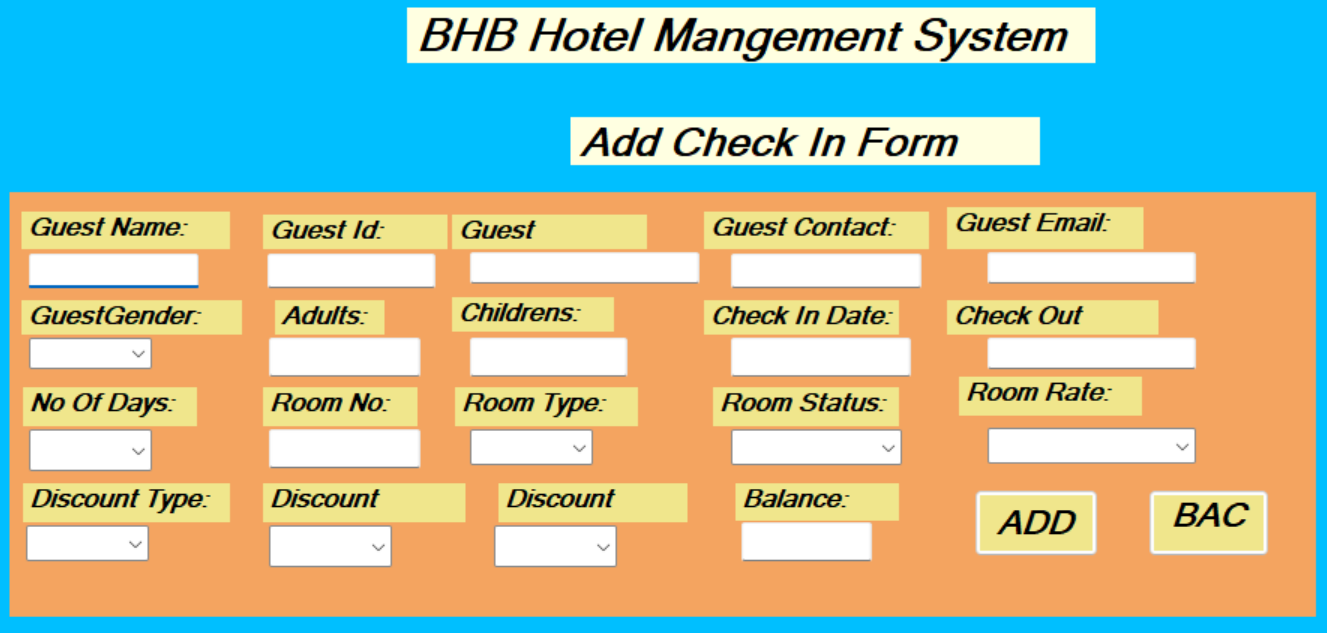


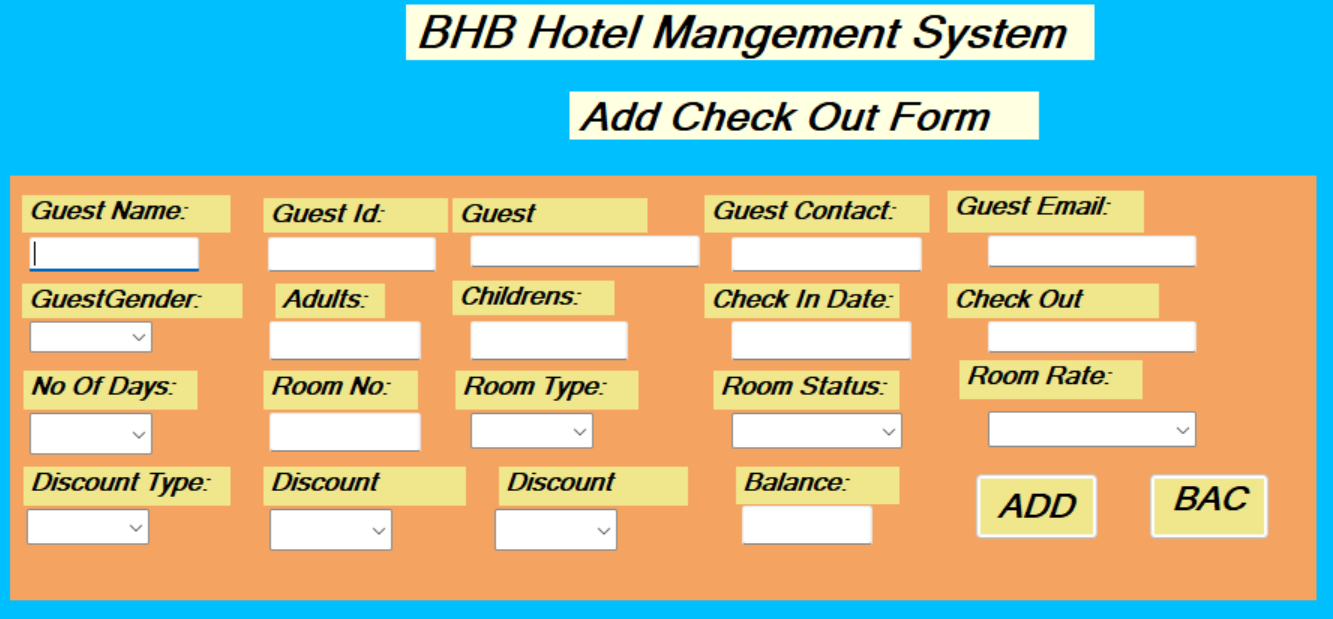




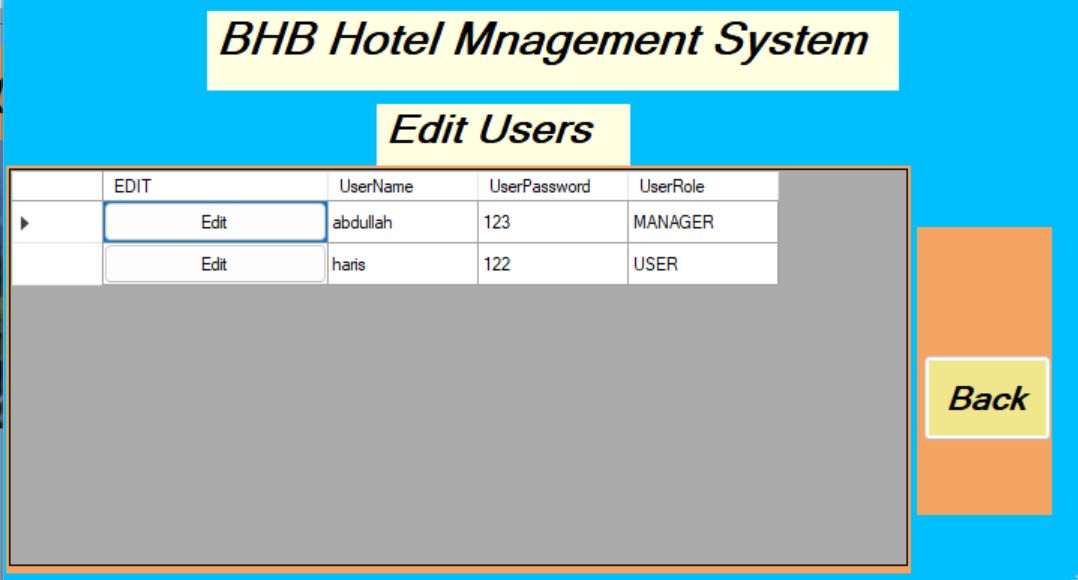


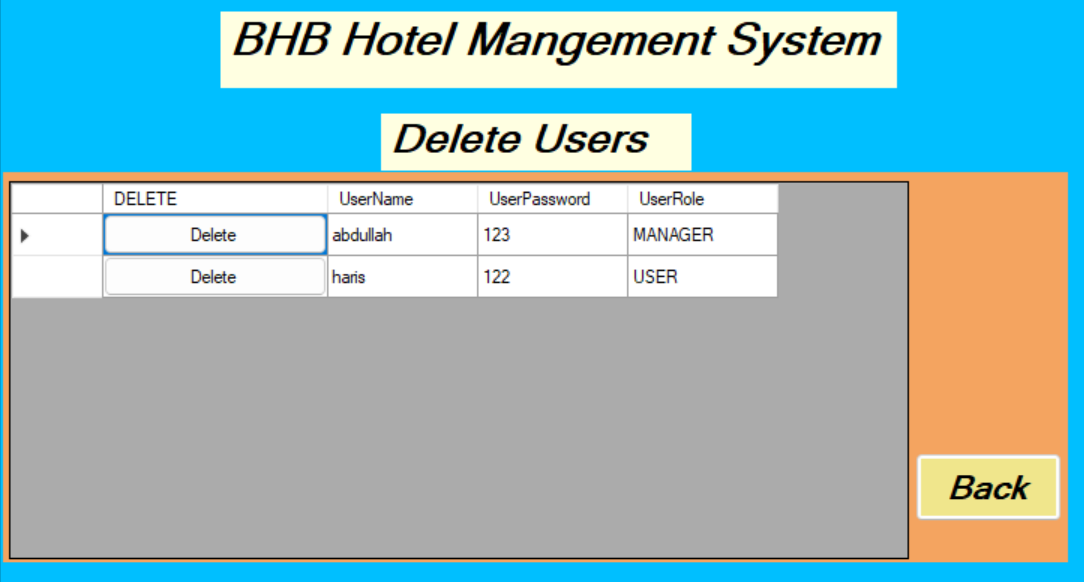


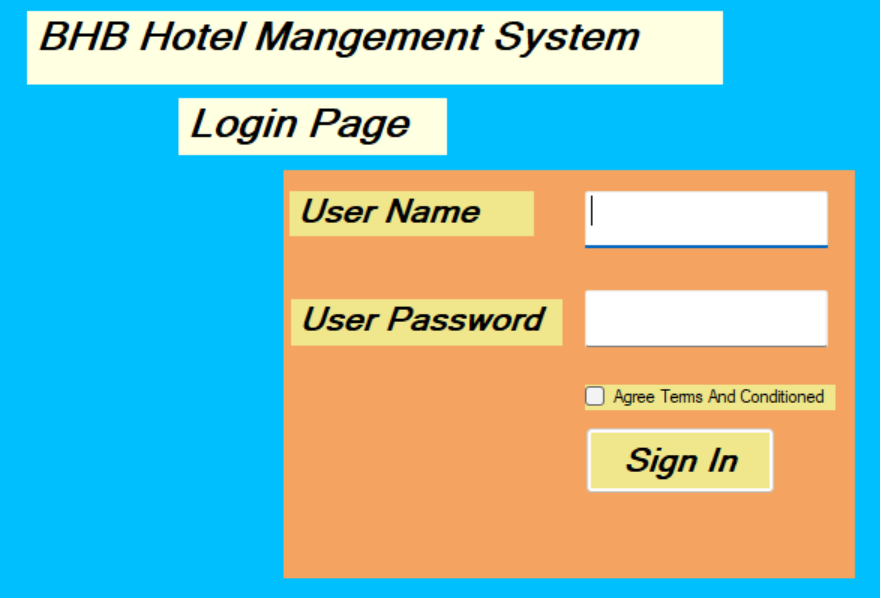




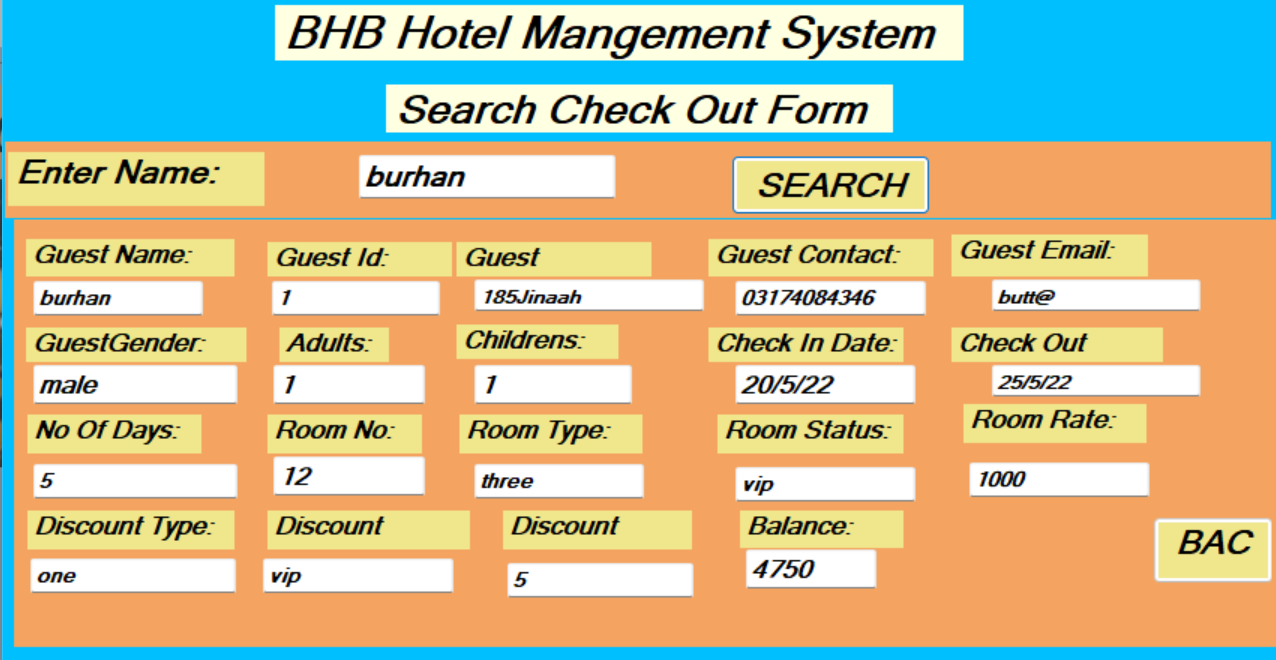


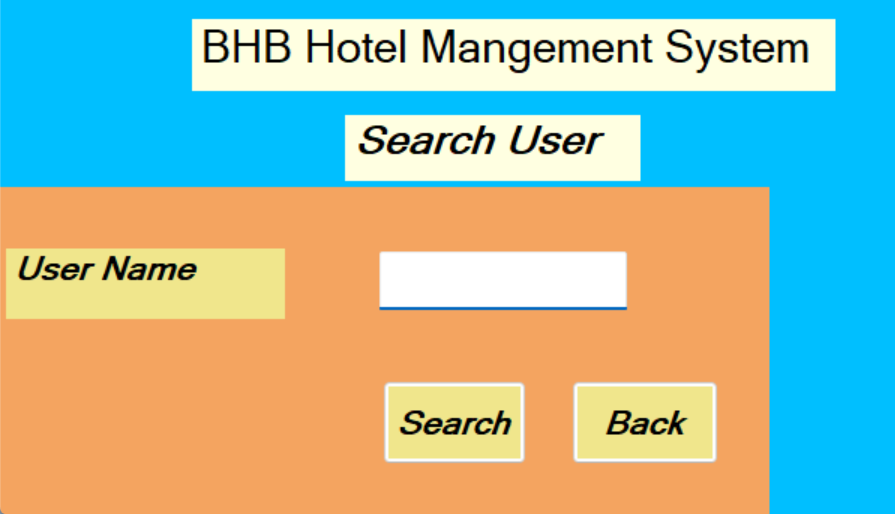


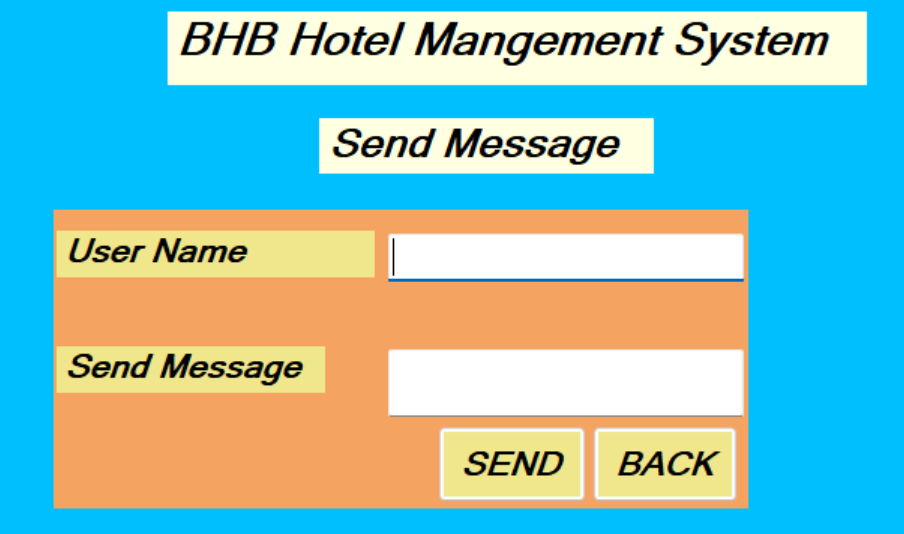




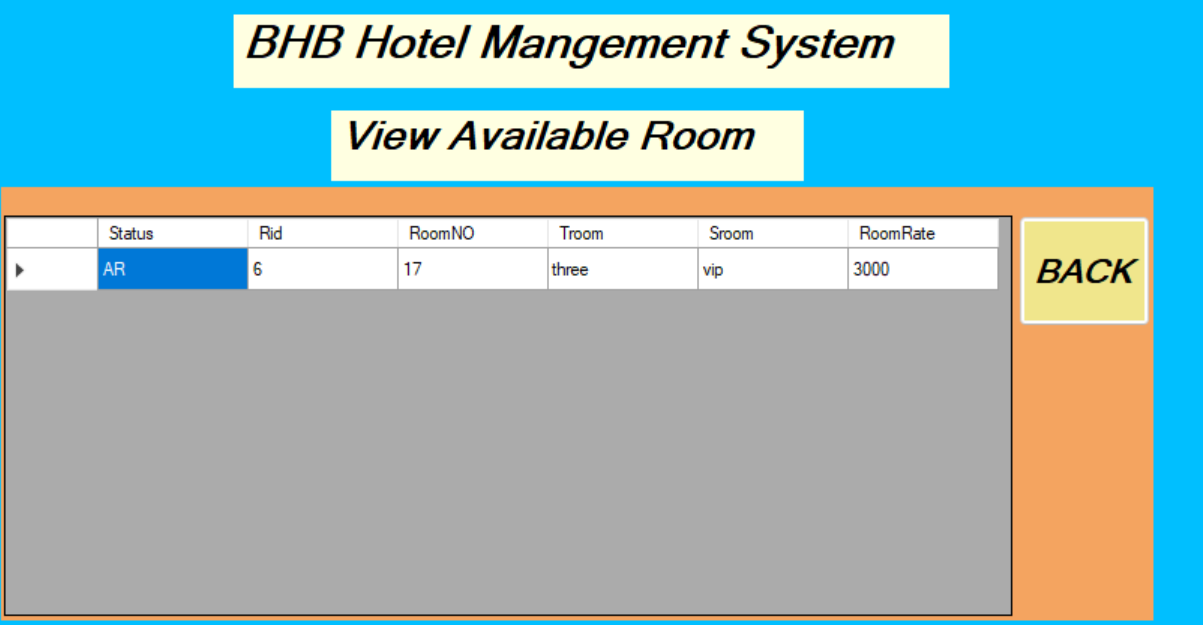


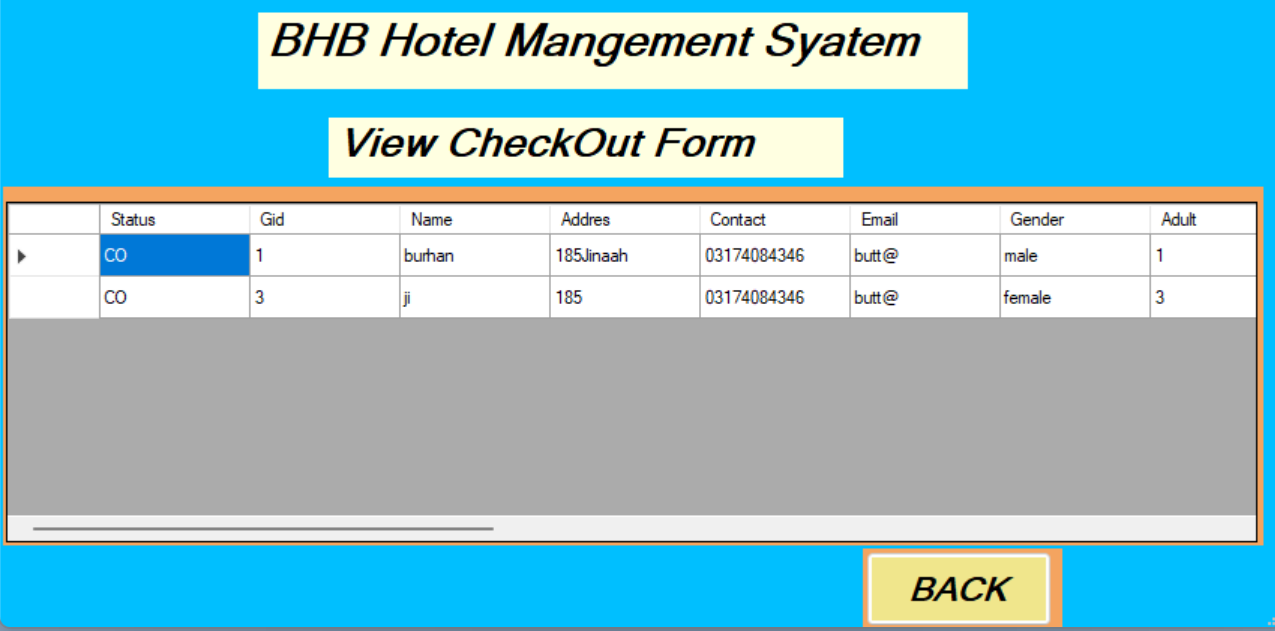








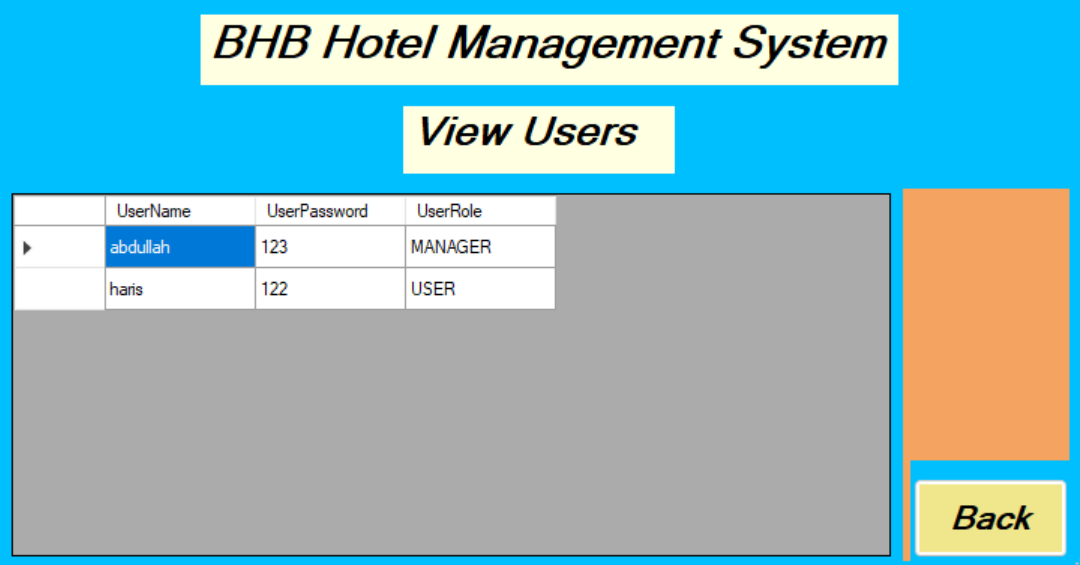












**Business Application** **Code**

**BL / DL Classes**

**User BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using BHB\_HotelMangementSystem.DL;

namespace BHB\_HotelMangementSystem.BL

{

public class Muser

{

private string userName;

private string userPassword;

private string userRole;

public string UserName { get => userName; set => userName = value; }

public string UserPassword { get => userPassword; set => userPassword = value; }

public string UserRole { get => userRole; set => userRole = value; }

public Muser(string userName, string userPassword, string userRole)

{

this.UserName = userName;

this.userPassword = userPassword;

this.userRole = userRole;

}

public Muser(string userName, string userPassword)

{

this.UserName = userName;

this.userPassword = userPassword;

}

public static bool isValid(Muser user)

{

int count = 0;

foreach(Muser s in MuserDL.UserList)

{

if (s.UserName == user.UserName && user.UserPassword == s.UserPassword)

{

return true;

}

else

{

count++;

}

}

if (count == MuserDL.UserList.Count)

{

return false;

}

return false;

}

public static Muser isAdmin(Muser user)

{

foreach (Muser s in MuserDL.UserList)

{

if (s.UserName == user.UserName && user.UserPassword == s.UserPassword)

{

return s;

}

}

return null;

}

}

}

**User DL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.IO;

using BHB\_HotelMangementSystem.BL;

namespace BHB\_HotelMangementSystem.DL

{

class MuserDL

{

private static List<Muser> userList = new List<Muser>();

internal static List<Muser> UserList { get => userList; set => userList = value; }

public static void addIntoList( Muser user)

{

UserList.Add(user);

}

public static bool isExist(Muser usr)

{

int count = 0;

foreach(Muser u in UserList)

{

if(usr.UserName == u.UserName)

{

return true;

}

else

{

count++;

}

}

if(count == UserList.Count)

{

return false;

}

return false;

}

public static void addIntoFile(Muser a, string path)

{

StreamWriter f = new StreamWriter(path, true);

f.WriteLine(a.UserName + "," + a.UserPassword + "," + a.UserRole);

f.Flush();

f.Close();

}

public static bool loadUser(string path)

{

if (File.Exists(path))

{

StreamReader f = new StreamReader(path);

string record;

while ((record = f.ReadLine()) != null)

{

string[] rec = record.Split(',');

string name = rec[0];

string password = rec[1];

string role = rec[2];

Muser r = new Muser(name, password, role);

addIntoList(r);

}

f.Close();

return true;

}

else

{

return false;

}

}

public static bool search(string name)

{

int count = 0;

foreach(Muser s in UserList)

{

if(s.UserName == name)

{

return true;

}

else

{

count++;

}

}

if (count == UserList.Count)

{

return false;

}

return false;

}

public static void addDataIntoFile(string path)

{

StreamWriter f = new StreamWriter(path);

foreach (Muser user in MuserDL.UserList)

{

f.WriteLine(user.UserName + "," + user.UserPassword + "," + user.UserRole);

}

f.Flush();

f.Close();

}

public static void dellUser(Muser user)

{

for (int index = 0; index < UserList.Count; index++)

{

if (user.UserName == UserList[index].UserName && user.UserPassword == UserList[index].UserPassword)

{

UserList.RemoveAt(index);

}

}

}

public static void editUserFromList(Muser previous, Muser update)

{

foreach (Muser s in UserList)

{

if (previous.UserName == s.UserName && previous.UserPassword == s.UserPassword && previous.UserRole == s.UserRole)

{

s.UserName = update.UserName;

s.UserPassword = update.UserPassword;

s.UserRole = update.UserRole;

}

}

}

}

}

**Discount BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class discount

{

private int Did;

private string Tdiscount;

private string Sdiscount;

private string discountRate;

public discount(int Did, string Tdiscount, string Sdiscount, string discountRate)

{

this.Did = Did;

this.Tdiscount = Tdiscount;

this.Sdiscount = Sdiscount;

this.discountRate = discountRate;

}

public int Did1 { get => Did; set => Did = value; }

public string Tdiscount1 { get => Tdiscount; set => Tdiscount = value; }

public string Sdiscount1 { get => Sdiscount; set => Sdiscount = value; }

public string DiscountRate { get => discountRate; set => discountRate = value; }

}

}

**Discount DL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.IO;

using System.Text;

using System.Threading.Tasks;

using BHB\_HotelMangementSystem.BL;

namespace BHB\_HotelMangementSystem.DL

{

class discountDL

{

private static List<discount> discountList = new List<discount>();

internal static List<discount> DiscountList { get => discountList; set => discountList = value; }

public static void addIntoList(discount dis)

{

DiscountList.Add(dis);

}

public static void addIntoFile (discount dis , string path )

{

StreamWriter f = new StreamWriter(path,true);

f.WriteLine(dis.Did1 + "," + dis.Tdiscount1 + "," + dis.Sdiscount1 + "," + dis.DiscountRate);

f.Flush();

f.Close();

}

public static bool isExist(discount dis)

{

int count = 0;

foreach(discount di in DiscountList)

{

if(dis.Did1 == di.Did1)

{

return true;

}

else

{

count++;

}

}

if(count == DiscountList.Count)

{

return false;

}

return false;

}

public static bool loadDiscount(string path )

{

if (File.Exists(path))

{

StreamReader f = new StreamReader(path);

string record;

while ((record = f.ReadLine()) != null)

{

string[] rec = record.Split(',');

int id = int.Parse(rec[0]);

string type = rec[1];

string status = rec[2];

string rate = rec[3];

discount r = new discount(id, type, status, rate);

addIntoList(r);

}

f.Close();

return true;

}

else

{

return false;

}

}

}

}

**Room BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class room

{

protected string status;

protected int rid;

protected int roomNO;

protected string troom;

protected string sroom;

protected int roomRate;

public string Status { get => status; set => status = value; }

public int Rid { get => rid; set => rid = value; }

public int RoomNO { get => roomNO; set => roomNO = value; }

public string Troom { get => troom; set => troom = value; }

public string Sroom { get => sroom; set => sroom = value; }

public int RoomRate { get => roomRate; set => roomRate = value; }

}

}

**Room DL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using BHB\_HotelMangementSystem.BL;

using System.IO;

namespace BHB\_HotelMangementSystem.DL

{

class roomDL

{

private static List<room> roomList = new List<room>();

internal static List<room> RoomList { get => roomList; set => roomList = value; }

public static void addIntoList(room roo)

{

RoomList.Add(roo);

}

public static void addIntoFile(room rom , string path )

{

StreamWriter f = new StreamWriter(path,true);

f.WriteLine(rom.Status +","+rom.Rid + "," + rom.RoomNO + "," + rom.Troom + "," + rom.Sroom + "," + rom.RoomRate);

f.Flush();

f.Close();

}

public static bool loadRoom(string path)

{

if (File.Exists(path))

{

StreamReader f = new StreamReader(path);

string record;

while ((record = f.ReadLine()) != null)

{

string[] rec = record.Split(',');

string statu = rec[0];

int id = int.Parse(rec[1]);

int roomNO =int.Parse( rec[2]);

string type = rec[3];

string status = rec[4];

int rate = int.Parse(rec[5]);

availableRoom r = new availableRoom(statu,id,roomNO, type, status, rate);

addIntoList(r);

}

f.Close();

return true;

}

else

{

return false;

}

}

}

}

**Available Room BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class availableRoom : room

{

public availableRoom (string status , int id , int roomNo , string Type , string Sroom , int roomRate)

{

Status = status;

Rid = id;

RoomNO = roomNo;

Troom = Type;

this.Sroom = Sroom;

RoomRate = roomRate;

}

}

}

**Guest BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class guest

{

private int Gid;

private string name;

private string addres;

private string contact;

private string email;

private string gender;

public int Gid1 { get => Gid; set => Gid = value; }

public string Name { get => name; set => name = value; }

public string Addres { get => addres; set => addres = value; }

public string Contact { get => contact; set => contact = value; }

public string Email { get => email; set => email = value; }

public string Gender { get => gender; set => gender = value; }

public guest(int Gid, string name, string addres, string contact, string email, string gender)

{

this.Gid = Gid;

this.name = name;

this.addres = addres;

this.contact = contact;

this.email = email;

this.gender = gender;

}

}

}

**Guest DL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.IO;

using BHB\_HotelMangementSystem.BL;

namespace BHB\_HotelMangementSystem.DL

{

class guestDL

{

private static List<guest> guestList = new List<guest>();

internal static List<guest> GuestList1 { get => guestList; set => guestList = value; }

public static void addIntoFile(guest gust, string path)

{

StreamWriter f = new StreamWriter(path, true);

f.WriteLine(gust.Gid1 + "," + gust.Name + "," + gust.Addres + "," + gust.Contact + "," + gust.Email + "," + gust.Gender);

f.Flush();

f.Close();

}

public static void addIntoFile(string path)

{

StreamWriter f = new StreamWriter(path);

foreach (guest gust in guestList)

{

f.WriteLine(gust.Gid1 + "," + gust.Name + "," + gust.Addres + "," + gust.Contact + "," + gust.Email + "," + gust.Gender);

}

f.Flush();

f.Close();

}

public static void addIntoList(guest gust)

{

guestList.Add(gust);

}

public static bool loadGuest(string path)

{

if (File.Exists(path))

{

StreamReader f = new StreamReader(path);

string record;

while ((record = f.ReadLine()) != null)

{

string[] rec = record.Split(',');

int id = int.Parse(rec[0]);

string name = rec[1];

string address = rec[2];

string contact = rec[3];

string email = rec[4];

string gender = rec[5];

guest r = new guest(id, name, address, contact, email, gender);

addIntoList(r);

}

f.Close();

return true;

}

else

{

return false;

}

}

public static void dellGuest(guest gust)

{

for (int idx = 0; idx < guestList.Count; idx++)

{

if (gust.Name == guestList[idx].Name)

{

guestList.RemoveAt(idx);

}

}

}

public static bool isExist(guest gust )

{

int count = 0;

foreach(guest g in guestList)

{

if(g.Name == gust.Name)

{

return true;

}

else

{

count++;

}

}

if(count==guestList.Count)

{

return false;

}

return false;

}

}

}

**Check IN BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class CheckIn

{

protected string status;

protected int gid;

protected string name;

protected string addres;

protected string contact;

protected string email;

protected string gender;

protected int adult;

protected int children;

protected string inDate;

protected string outDate;

protected int days;

protected int roomNo;

protected string troom;

protected string sroom;

protected int roomRate;

protected string sdiscount;

protected string tdiscount;

protected int discountRate;

protected double balance;

public string Status { get => status; set => status = value; }

public int Gid { get => gid; set => gid = value; }

public string Name { get => name; set => name = value; }

public string Addres { get => addres; set => addres = value; }

public string Contact { get => contact; set => contact = value; }

public string Email { get => email; set => email = value; }

public string Gender { get => gender; set => gender = value; }

public int Adult { get => adult; set => adult = value; }

public int Children { get => children; set => children = value; }

public string InDate { get => inDate; set => inDate = value; }

public string OutDate { get => outDate; set => outDate = value; }

public int Days { get => days; set => days = value; }

public int RoomNo { get => roomNo; set => roomNo = value; }

public string Troom { get => troom; set => troom = value; }

public string Sroom { get => sroom; set => sroom = value; }

public int RoomRate { get => roomRate; set => roomRate = value; }

public string Sdiscount { get => sdiscount; set => sdiscount = value; }

public string Tdiscount { get => tdiscount; set => tdiscount = value; }

public int DiscountRate { get => discountRate; set => discountRate = value; }

public double Balance { get => balance; set => balance = value; }

}

}

**Check IN DL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.IO;

using BHB\_HotelMangementSystem.BL;

namespace BHB\_HotelMangementSystem.DL

{

class CheckInDL

{

private static List<CheckIn> formList = new List<CheckIn>();

internal static List<CheckIn> FormList { get => formList; set => formList = value; }

public static void addIntoList(CheckIn r)

{

FormList.Add(r);

}

public static void addIntoFile(CheckIn s , string path)

{

StreamWriter f = new StreamWriter(path,true);

f.WriteLine(s.Status+","+ s.Gid + "," + s.Name + "," + s.Addres + "," + s.Contact + "," + s.Email + "," + s.Gender + "," + s.Adult + "," + s.Children + "," + s.InDate + "," + s.OutDate + "," + s.Days + "," + s.RoomNo + "," + s.Troom + "," + s.Sroom + "," + s.RoomRate + "," + s.Sdiscount + "," + s.Tdiscount + "," + s.DiscountRate + "," + s.Balance);

f.Flush();

f.Close();

}

public static bool loadForms(string path)

{

if (File.Exists(path))

{

StreamReader f = new StreamReader(path);

string record;

while ((record = f.ReadLine()) != null)

{

string[] rec = record.Split(',');

string statu = rec[0];

int Gid = int.Parse(rec[1]);

string name = rec[2]; // NAME

string addres = rec[3]; // ADREESS OF GUEST

string contact = rec[4]; // CONTACT OF THE GUEST

string email = rec[5]; // EMAIL OF THE GUEST

string gender = rec[6]; // GENDER OF THE GUEST

int adult = int.Parse(rec[7]);

int children = int.Parse(rec[8]);

string inDate = rec[9]; // CHECK IN DATE

string outDate = rec[10]; // reservation form mai check out date

int days = int.Parse(rec[11]);

int roomNO = int.Parse(rec[12]);

string Troom = rec[13]; // ROOM TYPE

string Sroom = rec[14]; // STATUS OF THE ROOM

int roomRate = int.Parse(rec[15]);

string Sdiscount = rec[16]; // DISCOUNT STATUS

string Tdiscount = rec[17]; // DISCOUNT TYPE

int discountRate = int.Parse(rec[18]);

double balance = double.Parse(rec[19]);

CheckIn s = new CheckOut(statu,Gid, name, addres, contact, email, gender, adult,children, inDate, outDate, days, roomNO, Troom, Sroom, roomRate, Sdiscount, Tdiscount, discountRate, balance);

addIntoList(s);

}

f.Close();

return true;

}

else

{

return false;

}

}

public static bool isExist(CheckIn s)

{

int count = 0;

foreach(CheckIn a in FormList)

{

if(a.Status == s.Status && a.Name == s.Name)

{

return true;

}

else

{

count++;

}

}

if (count == FormList.Count)

{

return false;

}

return false;

}

}

}

**Check Out BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class CheckOut:CheckIn

{

public CheckOut (string status ,int Gid, string name, string addres, string contact, string email, string gender, int adult, int children, string inDate, string outDate, int days, int roomNo, string Troom, string Sroom, int roomRate, string Sdiscount, string Tdiscount, int discountRate, double balance)

{

this.Status = status;

this.Gid = Gid;

this.Name = name;

this.Addres = addres;

this.Contact = contact;

this.Email = email;

this.Gender = gender;

this.Adult = adult;

this.Children = children;

this.InDate = inDate;

this.OutDate = outDate;

this.Days = days;

this.RoomNo = roomNo;

this.Troom = Troom;

this.Sroom = Sroom;

this.RoomRate = roomRate;

this.Sdiscount = Sdiscount;

this.Tdiscount = Tdiscount;

this.DiscountRate = discountRate;

this.Balance = balance;

}

}

}

**Reservation BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class Reservation:CheckIn

{

public Reservation(string status, int Gid, string name, string addres, string contact, string email, string gender, int adult, int children, string inDate, string outDate, int days, int roomNo, string Troom, string Sroom, int roomRate, string Sdiscount, string Tdiscount, int discountRate, double balance)

{

this.Status = status;

this.Gid = Gid;

this.Name = name;

this.Addres = addres;

this.Contact = contact;

this.Email = email;

this.Gender = gender;

this.Adult = adult;

this.Children = children;

this.InDate = inDate;

this.OutDate = outDate;

this.Days = days;

this.RoomNo = roomNo;

this.Troom = Troom;

this.Sroom = Sroom;

this.RoomRate = roomRate;

this.Sdiscount = Sdiscount;

this.Tdiscount = Tdiscount;

this.DiscountRate = discountRate;

this.Balance = balance;

}

}

}

**Message BL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace BHB\_HotelMangementSystem.BL

{

class Message

{

private string message;

private int index;

public string Messag { get => message; set => message = value; }

public int Index { get => index; set => index = value; }

public Message(string msg , int index)

{

message = msg;

this.index = index;

}

}

}

**Message DL:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.IO;

using BHB\_HotelMangementSystem.BL;

namespace BHB\_HotelMangementSystem.DL

{

class MessageDL

{

private static List<Message> messageList = new List<Message>();

internal static List<Message> MessageList { get => messageList; set => messageList = value; }

public static void addIntoList(Message m)

{

MessageList.Add(m);

}

public static void addIntoFile(Message s , String path)

{

StreamWriter f = new StreamWriter(path , true);

f.WriteLine(s.Messag+","+s.Index);

f.Flush();

f.Close();

}

public static bool loadMessage(string path)

{

if (File.Exists(path))

{

StreamReader f = new StreamReader(path);

string record;

while ((record = f.ReadLine()) != null)

{

string[] rec = record.Split(',');

string message = rec[0];

int index = int.Parse(rec[1]);

Message r = new Message(message , index);

addIntoList(r);

}

f.Close();

return true;

}

else

{

return false;

}

}

}

}

**Program CS Code:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace BHB\_HotelMangementSystem

{

static class Program

{

/// <summary>

/// The main entry point for the application.

/// </summary>

[STAThread]

static void Main()

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Form1());

}

}

}

**All Forms Code:**

**Login Form:**

{

public partial class Form1 : Form

{

static Muser status = null;

static int index = 0;

private string userPath = "user.txt";

private string guestPath = "guest.txt";

private string discountPath = "discount.txt";

private string roomPath = "room.txt";

private string FormPath = "Form.txt";

private string messagePath = "Message.txt";

public Form1()

{

MuserDL.loadUser(userPath);

guestDL.loadGuest(guestPath);

discountDL.loadDiscount(discountPath);

roomDL.loadRoom(roomPath);

CheckInDL.loadForms(FormPath);

MessageDL.loadMessage(messagePath);

InitializeComponent();

}

private void btnSignIn\_Click(object sender, EventArgs e)

{

if (checkBox1.Checked == true)

{

Muser a = new Muser(tbName.Text, tbPassword.Text);

if (Muser.isValid(a))

{

Muser b = Muser.isAdmin(a);

if (b != null && b.UserRole == "MANAGER")

{

status = a;

MangerForm frm = new MangerForm();

frm.Show();

}

else if (b != null && b.UserRole == "USER")

{

status = a;

index = getIndex(b);

UserForm form = new UserForm(a , index);

form.Show();

}

}

else

{

lblError.Visible = true;

lblError.Text = "Invalid Username / Password";

}

}

else

{

MessageBox.Show("First Tccept The Conditions");

}

}

public static int getIndex(Muser a)

{

int y = 0;

for(int x = 0; x <MuserDL.UserList.Count; x++)

{

if (a.UserName == MuserDL.UserList[x].UserName)

{

y = x;

}

}

return y;

}

public static Muser CurrentUser()

{

return status;

}

public static int getIndex()

{

return index;

}

}

}

**Manager Form :**

namespace BHB\_HotelMangementSystem

{

public partial class MangerForm : Form

{

public MangerForm()

{

InitializeComponent();

}

private void addDiscountToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddDiscountForm frm = new AddDiscountForm();

frm.ShowDialog();

}

private void addUserToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddUser frm = new AddUser();

frm.ShowDialog();

}

private void exitToolStripMenuItem\_Click(object sender, EventArgs e)

{

this.Close();

}

private void viewReservationFormToolStripMenuItem\_Click(object sender, EventArgs e)

{

}

private void deleteUserToolStripMenuItem\_Click(object sender, EventArgs e)

{

DeleteUser frm = new DeleteUser();

frm.ShowDialog();

}

private void viewUserToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewUser frm = new ViewUser();

frm.ShowDialog();

}

private void editUserToolStripMenuItem\_Click(object sender, EventArgs e)

{

EditUser frm = new EditUser();

frm.ShowDialog();

}

private void searchUserToolStripMenuItem\_Click(object sender, EventArgs e)

{

SearchUser frm = new SearchUser();

frm.ShowDialog();

}

private void addGuestToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddGuest frm = new AddGuest();

frm.ShowDialog();

}

private void viewGuestToolStripMenuItem\_Click(object sender, EventArgs e)

{

View\_Guest frm = new View\_Guest();

frm.ShowDialog();

}

private void deleteGuestToolStripMenuItem\_Click(object sender, EventArgs e)

{

DeleteGuest frm = new DeleteGuest();

frm.ShowDialog();

}

private void addRoomToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddRoom frm = new AddRoom();

frm.ShowDialog();

}

private void viewRoomToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewRoom frm = new ViewRoom();

frm.ShowDialog();

}

private void addCheckOutFormToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddCheckOutForm frm = new AddCheckOutForm();

frm.ShowDialog();

}

private void viewCheckOutFormToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewCheckOutForm frm = new ViewCheckOutForm();

frm.ShowDialog();

}

private void searchCheckOutCustomerToolStripMenuItem\_Click(object sender, EventArgs e)

{

SearchCheckOutUserForm frm = new SearchCheckOutUserForm();

frm.ShowDialog();

}

private void addCheckInFormToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddCheckInForm frm = new AddCheckInForm();

frm.ShowDialog();

}

private void viewCheckInFormToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewCheckInForm frm = new ViewCheckInForm();

frm.ShowDialog();

}

private void addAvailableRoomToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddAvailableForm frm = new AddAvailableForm();

frm.ShowDialog();

}

private void viewAvailableRoomToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewAvailableRoomForm frm = new ViewAvailableRoomForm();

frm.ShowDialog();

}

private void toolStripMenuItem3\_Click(object sender, EventArgs e)

{

CheckOutFormInOrder frm = new CheckOutFormInOrder();

frm.ShowDialog();

}

private void toolStripMenuItem4\_Click(object sender, EventArgs e)

{

MessageFormcs frm = new MessageFormcs();

frm.ShowDialog();

}

private void viewReservationFormToolStripMenuItem1\_Click(object sender, EventArgs e)

{

ViewRservationForm frm = new ViewRservationForm();

frm.ShowDialog();

}

private void viewDiscountToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewDiscountForm frm = new ViewDiscountForm();

frm.ShowDialog();

}

}

}

**Add Available Form :**

namespace BHB\_HotelMangementSystem

{

public partial class AddAvailableForm : Form

{

private string path = "room.txt";

public AddAvailableForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

if (tbRoomId.Text.Length > 0 && tbRoomNo.Text.Length > 0 && tbRoomType.Text.Length > 0 && tbRoomStatus.Text.Length > 0 && tbRoomRate.Text.Length > 0)

{

room r = new availableRoom("AR", int.Parse(tbRoomId.Text), int.Parse(tbRoomNo.Text), tbRoomType.Text, tbRoomStatus.Text, int.Parse(tbRoomRate.Text));

roomDL.addIntoList(r);

roomDL.addIntoFile(r, path);

lblError.Visible = true;

lblError.Text = "suucessfully added!!";

}

else

{

lblError.Visible = true;

lblError.Text = "first fullfill all the data";

}

}

}

}

**Add Check In Form:**

namespace BHB\_HotelMangementSystem

{

public partial class AddCheckInForm : Form

{

private string path = "Form.txt";

public AddCheckInForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

if (tbGuestId.Text.Length >0 && tbGuestName.Text.Length >0 && tbGuestAddress.Text.Length >0 && tbGuestContact.Text.Length > 0 && tbGuestEmail.Text.Length> 0 && cbGuestGender.Text.Length > 0 && tbAdults.Text.Length>0 && tbChildren.Text.Length >0 && tbCheckInDate.Text.Length >0 && tbCheckOutDate.Text.Length > 0 && cbDays.Text.Length > 0 && tbRoomNo.Text.Length > 0 && cbRoomType.Text.Length>0 && cbRoomStatus.Text.Length >0 && cbRoomRate.Text.Length > 0 && cbDiscountStatus.Text.Length > 0 && cbDiscountType.Text.Length>0 && cbDiscountRate.Text.Length > 0 )

{

if(tbGuestContact.Text.Length == 11 )

{

double balance, discount;

balance = int.Parse(cbRoomRate.Text) \* int.Parse(cbDays.Text);

discount = (int.Parse(cbRoomRate.Text) \* int.Parse(cbDays.Text)) \* (int.Parse(cbDiscountRate.Text) / 100.0F);

balance = balance - discount;

CheckIn s = new CheckOut("CI", int.Parse(tbGuestId.Text), tbGuestName.Text, tbGuestAddress.Text, tbGuestContact.Text, tbGuestEmail.Text, cbGuestGender.Text, int.Parse(tbAdults.Text), int.Parse(tbChildren.Text), tbCheckInDate.Text, tbCheckOutDate.Text, int.Parse(cbDays.Text), int.Parse(tbRoomNo.Text), cbRoomType.Text, cbRoomStatus.Text, int.Parse(cbRoomRate.Text), cbDiscountStatus.Text, cbDiscountType.Text, int.Parse(cbDiscountRate.Text), balance);

if (CheckInDL.isExist( s))

{

lblError.Visible = true;

lblError.Text = "Already customer with this name is present ";

}

else

{

tbBalance.Text = balance.ToString();

CheckInDL.addIntoList(s);

CheckInDL.addIntoFile(s, path);

lblError.Visible = true;

lblError.Text = "successfully added !";

}

}

else

{

lblError.Visible = true;

lblError.Text = "Contact must be in Corresct way";

}

}

else

{

lblError.Visible = true;

lblError.Text = "FulFill all the data";

}

}

}

}

**Add Check Out Form:**

namespace BHB\_HotelMangementSystem

{

public partial class AddCheckOutForm : Form

{

private string path = "Form.txt";

public AddCheckOutForm()

{

InitializeComponent();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

if (tbGuestId.Text.Length > 0 && tbGuestName.Text.Length > 0 && tbGuestAddress.Text.Length > 0 && tbGuestContact.Text.Length > 0 && tbGuestEmail.Text.Length > 0 && cbGuestGender.Text.Length > 0 && tbAdults.Text.Length > 0 && tbChildren.Text.Length > 0 && tbCheckInDate.Text.Length > 0 && tbCheckOutDate.Text.Length > 0 && cbDays.Text.Length > 0 && tbRoomNo.Text.Length > 0 && cbRoomType.Text.Length > 0 && cbRoomStatus.Text.Length > 0 && cbRoomRate.Text.Length > 0 && cbDiscountStatus.Text.Length > 0 && cbDiscountType.Text.Length > 0 && cbDiscountRate.Text.Length > 0)

{

if (tbGuestContact.Text.Length == 11)

{

double balance, discount;

balance = int.Parse(cbRoomRate.Text) \* int.Parse(cbDays.Text);

discount = (int.Parse(cbRoomRate.Text) \* int.Parse(cbDays.Text)) \* (int.Parse(cbDiscountRate.Text) / 100.0F);

balance = balance - discount;

CheckIn s = new CheckOut("CO", int.Parse(tbGuestId.Text), tbGuestName.Text, tbGuestAddress.Text, tbGuestContact.Text, tbGuestEmail.Text, cbGuestGender.Text, int.Parse(tbAdults.Text), int.Parse(tbChildren.Text), tbCheckInDate.Text, tbCheckOutDate.Text, int.Parse(cbDays.Text), int.Parse(tbRoomNo.Text), cbRoomType.Text, cbRoomStatus.Text, int.Parse(cbRoomRate.Text), cbDiscountStatus.Text, cbDiscountType.Text, int.Parse(cbDiscountRate.Text), balance);

if (CheckInDL.isExist(s))

{

lblError.Visible = true;

lblError.Text = "already present with this name!";

}

else {

tbBalance.Text = balance.ToString();

CheckInDL.addIntoList(s);

CheckInDL.addIntoFile(s, path);

lblError.Visible = true;

lblError.Text = "added succesfully!";

}

}

else

{

lblError.Visible = true;

lblError.Text = "Contact must be in Corresct way";

}

}

else

{

lblError.Visible = true;

lblError.Text = "FulFill all the data";

}

}

private void btnBack\_Click\_1(object sender, EventArgs e)

{

this.Close();

}

}

}

**Add Discount Form:**

namespace BHB\_HotelMangementSystem

{

public partial class AddDiscountForm : Form

{

private string path = "discount.txt";

public AddDiscountForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

if(tbId.Text.Length > 0 && cbType.Text.Length>0 && cbStatus.Text.Length>0 && tbDiscountRate.Text.Length>0)

{

discount dis = new discount(int.Parse(tbId.Text),cbType.Text,cbStatus.Text,tbDiscountRate.Text);

if(discountDL.isExist(dis))

{

MessageBox.Show("already present with this information ");

}

else

{

lblError.Visible = true;

lblError.Text = "added successfully";

discountDL.addIntoList(dis);

discountDL.addIntoFile(dis,path);

}

}

else

{

lblError.Visible = true;

lblError.Text = "first fulfill the data";

}

}

}

}

**Add Guest Form:**

namespace BHB\_HotelMangementSystem

{

public partial class AddGuest : Form

{

private string path = "guest.txt";

public AddGuest()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

int a = tbId.Text.Length;

int b = tbName.Text.Length;

int c = tbGender.Text.Length;

int d = tbContact.Text.Length;

int f = tbAddress.Text.Length;

if (a > 0 && b > 0 && c >0 && d>0 && f >0)

{

if (d == 11)

{

guest gust = new guest(int.Parse(tbId.Text), tbName.Text, tbAddress.Text, tbContact.Text, tbEmail.Text, tbGender.Text);

if (guestDL.isExist(gust))

{

MessageBox.Show("Guest with this name is already present ");

}

else

{

guestDL.addIntoList(gust);

guestDL.addIntoFile(gust, path);

lblError.Visible = true;

lblError.Text = "Added successfully";

}

}

else

{

MessageBox.Show("contact is not in correct way:");

}

}

else

{

lblError.Visible = true;

lblError.Text = "fulfill all data";

}

}

}

}

**Add Reservation Form:**

namespace BHB\_HotelMangementSystem

{

public partial class AddReservationForm : Form

{

private string path = "Form.txt";

public AddReservationForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

if (tbGuestId.Text.Length > 0 && tbGuestName.Text.Length > 0 && tbGuestAddress.Text.Length > 0 && tbGuestContact.Text.Length > 0 && tbGuestEmail.Text.Length > 0 && cbGuestGender.Text.Length > 0 && tbAdults.Text.Length > 0 && tbChildren.Text.Length > 0 && tbCheckInDate.Text.Length > 0 && tbCheckOutDate.Text.Length > 0 && cbDays.Text.Length > 0 && tbRoomNo.Text.Length > 0 && cbRoomType.Text.Length > 0 && cbRoomStatus.Text.Length > 0 && cbDiscountStatus.Text.Length > 0 && cbDiscountType.Text.Length > 0 )

{

if (tbGuestContact.Text.Length == 11)

{

int a = 0, b = 0;

if ((cbDiscountStatus.Text == "vip" && cbRoomStatus.Text == "vip") && (cbDiscountType.Text == "four" && cbRoomType.Text == "four"))

{

a = 50;

b = 4000;

}

else if ((cbDiscountStatus.Text == "vip" && cbRoomStatus.Text == "vip") && (cbDiscountType.Text == "three" && cbRoomType.Text == "three"))

{

a = 45;

b = 3500;

}

else if ((cbDiscountStatus.Text == "vip" && cbRoomStatus.Text == "vip") && (cbDiscountType.Text == "two" && cbRoomType.Text == "two"))

{

a = 40;

b = 3000;

}

else if ((cbDiscountStatus.Text == "vip" && cbRoomStatus.Text == "vip") && (cbDiscountType.Text == "one" && cbRoomType.Text == "one"))

{

a = 35;

b = 2800;

}

else if ((cbDiscountStatus.Text == "regular" && cbRoomStatus.Text == "regular") && (cbDiscountType.Text == "four" && cbRoomType.Text == "four"))

{

a = 30;

b = 2500;

}

else if ((cbDiscountStatus.Text == "regular" && cbRoomStatus.Text == "regular") && (cbDiscountType.Text == "three" && cbRoomType.Text == "three"))

{

a = 25;

b = 2000;

}

else if ((cbDiscountStatus.Text == "regular" && cbRoomStatus.Text == "regular") && (cbDiscountType.Text == "two" && cbRoomType.Text == "two"))

{

a = 20;

b = 1500;

}

else if ((cbDiscountStatus.Text == "regular" && cbRoomStatus.Text == "regular") && (cbDiscountType.Text == "one" && cbRoomType.Text == "one"))

{

a = 15;

b = 1400;

}

else if ((cbDiscountStatus.Text == "none" && cbRoomStatus.Text == "none") && (cbDiscountType.Text == "four" && cbRoomType.Text == "four"))

{

a = 10;

b = 1200;

}

else if ((cbDiscountStatus.Text == "none" && cbRoomStatus.Text == "none") && (cbDiscountType.Text == "three" && cbRoomType.Text == "three"))

{

a = 5;

b = 1000;

}

else if ((cbDiscountStatus.Text == "none" && cbRoomStatus.Text == "none") && (cbDiscountType.Text == "two" && cbRoomType.Text == "two"))

{

a = 1;

b = 800;

}

else if ((cbDiscountStatus.Text == "none" && cbRoomStatus.Text == "none") && (cbDiscountType.Text == "one" && cbRoomType.Text == "one"))

{

a = 0;

b = 700;

}

double balance, discount;

balance = b \* int.Parse(cbDays.Text);

discount = (b \* int.Parse(cbDays.Text)) \* (a / 100.0F);

balance = balance - discount;

CheckIn s = new Reservation("R", int.Parse(tbGuestId.Text), tbGuestName.Text, tbGuestAddress.Text, tbGuestContact.Text, tbGuestEmail.Text, cbGuestGender.Text, int.Parse(tbAdults.Text), int.Parse(tbChildren.Text), tbCheckInDate.Text, tbCheckOutDate.Text, int.Parse(cbDays.Text), int.Parse(tbRoomNo.Text), cbRoomType.Text, cbRoomStatus.Text, b, cbDiscountStatus.Text, cbDiscountType.Text, a, balance);

if (CheckInDL.isExist(s))

{

lblError.Visible = true;

lblError.Text = "already present with this name";

}

else

{

tbRoomRate.Text = b.ToString();

tbDiscountRate.Text = a.ToString();

tbBalance.Text = balance.ToString();

CheckInDL.addIntoList(s);

CheckInDL.addIntoFile(s, path);

lblError.Visible = true;

lblError.Text = "succesfully added";

}

}

else

{

lblError.Visible = true;

lblError.Text = "Contact must be in Corresct way";

}

}

else

{

lblError.Visible = true;

lblError.Text = "FulFill all the data";

}

}

}

}

**Add Room Form:**

namespace BHB\_HotelMangementSystem

{

public partial class AddRoom : Form

{

private string path = "room.txt";

public AddRoom()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

if (tbRoomId.Text.Length > 0 && tbRoomNo.Text.Length >0 && tbRoomType.Text.Length >0 && tbRoomStatus.Text.Length>0 && tbRoomRate.Text.Length >0 )

{

room r = new availableRoom("R", int.Parse(tbRoomId.Text),int.Parse(tbRoomNo.Text),tbRoomType.Text,tbRoomStatus.Text,int.Parse(tbRoomRate.Text));

roomDL.addIntoList(r) ;

roomDL.addIntoFile(r,path);

lblError.Visible = true;

lblError.Text = "suucessfully added!!";

}

else

{

lblError.Visible = true;

lblError.Text = "first fullfill all the data";

}

}

}

}

**Add User Form :**

namespace BHB\_HotelMangementSystem

{

public partial class AddUser : Form

{

private string path = "user.txt";

public AddUser()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnAdd\_Click(object sender, EventArgs e)

{

Muser usr = new Muser(tbName.Text , tbPass.Text , tbRole.Text);

if (MuserDL.isExist(usr))

{

lblError.Visible = true;

lblError.Text = "User already with name is present :";

}

else

{

MuserDL.addIntoList(usr);

MuserDL.addIntoFile(usr,path);

lblError.Visible = true;

lblError.Text = "added suucessfully :";

// dataBindings();

}

}

}

}

**Check Out Form In Order :**

namespace BHB\_HotelMangementSystem

{

public partial class CheckOutFormInOrder : Form

{

public CheckOutFormInOrder()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void panel1\_Paint(object sender, PaintEventArgs e)

{

}

private void CheckOutFormInOrder\_Load(object sender, EventArgs e)

{

List<CheckIn> ro = new List<CheckIn>();

foreach (CheckIn s in CheckInDL.FormList)

{

if (s.Status == "CO")

{

ro.Add(s);

}

}

ro = ro.OrderByDescending(o => o.Balance).ToList();

gv.DataSource = ro;

}

}

}

**Delete Guest Form:**

namespace BHB\_HotelMangementSystem

{

public partial class DeleteGuest : Form

{

private string path = "guest.txt";

public DeleteGuest()

{

InitializeComponent();

}

private void btn\_Click(object sender, EventArgs e)

{

this.Close();

}

private void DeleteGuest\_Load(object sender, EventArgs e)

{

gv.DataSource = guestDL.GuestList1;

}

private void gv\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

guest gust = (guest)gv.CurrentRow.DataBoundItem;

if(gv.Columns[e.ColumnIndex].HeaderText == "DELETE")

// if (gv.Columns["Delete"].Index == e.ColumnIndex)

{

guestDL.dellGuest(gust);

guestDL.addIntoFile(path);

dataBind();

}

}

private void dataBind()

{

gv.DataSource = null;

gv.DataSource = guestDL.GuestList1;

gv.Refresh();

}

}

}

**Delete User Form:**

namespace BHB\_HotelMangementSystem

{

public partial class DeleteUser : Form

{

private string path = "user.txt";

public DeleteUser()

{

InitializeComponent();

}

private void DeleteUser\_Load(object sender, EventArgs e)

{

gv.DataSource = MuserDL.UserList;

}

private void tableLayoutPanel4\_Paint(object sender, PaintEventArgs e)

{

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void gv\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

Muser user = (Muser)gv.CurrentRow.DataBoundItem;

if (gv.Columns[e.ColumnIndex].HeaderText == "DELETE")

// if (gv.Columns["Delete"].Index == e.ColumnIndex )

{

MuserDL.dellUser(user);

MuserDL.addDataIntoFile(path);

dataBind();

}

}

private void dataBind()

{

gv.DataSource = null;

gv.DataSource = MuserDL.UserList;

gv.Refresh();

}

}

}

**Edit User Form :**

namespace BHB\_HotelMangementSystem

{

public partial class EditUser : Form

{

private string path = "user.txt";

public EditUser()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void gv\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

Muser user = (Muser)gv.CurrentRow.DataBoundItem;

if (gv.Columns[e.ColumnIndex].HeaderText == "EDIT")

//if (gv.Columns["Edit"].Index == e.ColumnIndex)

{

EditUser2 form = new EditUser2(user);

form.ShowDialog();

MuserDL.addDataIntoFile(path);

dataBind();

}

}

private void dataBind()

{

gv.DataSource = null;

gv.DataSource = MuserDL.UserList;

gv.Refresh();

}

private void EditUser\_Load(object sender, EventArgs e)

{

gv.DataSource = MuserDL.UserList;

}

}

}

**Edit User 2 Form:**

namespace BHB\_HotelMangementSystem

{

public partial class EditUser2 : Form

{

private Muser previous;

public EditUser2(Muser previous)

{

this.previous = previous;

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnEdit\_Click(object sender, EventArgs e)

{

Muser updateUsr = new Muser(tbName.Text, tbPass.Text, tbRole.Text);

MuserDL.editUserFromList(previous, updateUsr);

}

private void EditUser2\_Load(object sender, EventArgs e)

{

tbName.Text = previous.UserName;

tbPass.Text = previous.UserPassword;

tbRole.Text = previous.UserRole;

}

}

}

**Message Send Form:**

namespace BHB\_HotelMangementSystem

{

public partial class MessageFormcs : Form

{

private string path = "Message.txt";

public MessageFormcs()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnSend\_Click(object sender, EventArgs e)

{

//int index = 0;

int count = 0;

for(int x = 0; x < MuserDL.UserList.Count; x++)

{

if (tbName.Text == MuserDL.UserList[x].UserName )

{

BL.Message s = new BL.Message(tbMessage.Text , x);

MessageDL.addIntoList(s);

MessageDL.addIntoFile(s,path);

lblError.Visible = true;

lblError.Text = "send successfully";

break;

}

else

{

count++;

}

}

if (count == MuserDL.UserList.Count )

{

lblError.Visible = true;

lblError.Text = "User Not Find";

}

}

}

}

**Search Check Out User Form:**

namespace BHB\_HotelMangementSystem

{

public partial class SearchCheckOutUserForm : Form

{

public SearchCheckOutUserForm()

{

InitializeComponent();

}

private void btnSearch\_Click(object sender, EventArgs e)

{

int count = 0;

foreach (CheckIn s in CheckInDL.FormList)

{

/\* if (tbGuestName.Text == s.Name)

{

pannelGrid.Visible = true;

gv.DataSource = null;

gv.ReadOnly = true;

DataTable table = new DataTable();

table.Columns.Add("Name", typeof(string));

table.Columns.Add("Contact", typeof(string));

table.Columns.Add("Email", typeof(string));

table.Columns.Add("Address", typeof(string));

table.Columns.Add("CheckInDate", typeof(string));

table.Columns.Add("CheckOutDate", typeof(string));

table.Columns.Add("Days", typeof(int));

table.Columns.Add("Adults", typeof(int));

table.Columns.Add("Children", typeof(int));

table.Columns.Add("Gender", typeof(string));

table.Columns.Add("Balance", typeof(double));

table.Rows.Add(s.Name , s.Contact , s.Email,s.Addres ,s.InDate,s.OutDate,s.Days,s.Adult,s.Children,s.Gender,s.Balance);

gv.DataSource = table;

}\*/

if (tbUserName.Text == s.Name && s.Status == "CO")

{

pannelTextBox.Visible = true;

tbGuestName.Text = s.Name;

tbGuestId.Text = s.Gid.ToString();

tbGuestAddress.Text = s.Addres;

tbGuestEmail.Text = s.Email;

tbGuestContact.Text = s.Contact;

tbGuestGender.Text = s.Gender;

tbAdults.Text = s.Adult.ToString();

tbChildren.Text = s.Children.ToString();

tbRoomNo.Text = s.RoomNo.ToString();

tbRoomStatus.Text = s.Sroom;

tbRoomType.Text = s.Troom;

tbRoomRate.Text = s.RoomRate.ToString();

tbCheckInDate.Text = s.InDate;

tbCheckOutDate.Text = s.OutDate;

tbDiscountRate.Text = s.DiscountRate.ToString();

tbDiscountStatus.Text = s.Sdiscount.ToString();

tbDiscountType.Text = s.Tdiscount;

tbBalance.Text = s.Balance.ToString();

tbDays.Text = s.Days.ToString();

}

else

{

count++;

}

}

if(count==CheckInDL.FormList.Count)

{

//lblError.Visible = true;

label.Visible = true;

lblError.Text = "Not Found !";

}

}

private void btnBack\_Click\_1(object sender, EventArgs e)

{

this.Close();

}

private void button1\_Click(object sender, EventArgs e)

{

this.Close();

}

}

}

**Search User Form :**

namespace BHB\_HotelMangementSystem

{

public partial class SearchUser : Form

{

public SearchUser()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnSearch\_Click(object sender, EventArgs e)

{

if(MuserDL.search(tbName.Text))

{

lblError.Visible = true;

lblError.Text = "Yes Exist";

}

else

{

lblError.Visible = true;

lblError.Text = "Not Exist";

}

}

}

}

**View Guest Form:**

namespace BHB\_HotelMangementSystem

{

public partial class View\_Guest : Form

{

public View\_Guest()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void View\_Guest\_Load(object sender, EventArgs e)

{

gv.DataSource = guestDL.GuestList1;

}

}

}

**View Check IN form :**

namespace BHB\_HotelMangementSystem

{

public partial class ViewCheckInForm : Form

{

public ViewCheckInForm()

{

InitializeComponent();

}

private void ViewCheckInForm\_Load(object sender, EventArgs e)

{

List<CheckIn> ro = new List<CheckIn>();

foreach (CheckIn s in CheckInDL.FormList)

{

if (s.Status == "CI")

{

ro.Add(s);

}

}

gv.DataSource = ro;

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

}

}

**View Check Out Form :**

namespace BHB\_HotelMangementSystem

{

public partial class ViewCheckOutForm : Form

{

public ViewCheckOutForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void ViewCheckOutForm\_Load(object sender, EventArgs e)

{

List<CheckIn> ro = new List<CheckIn>();

foreach (CheckIn s in CheckInDL.FormList)

{

if (s.Status == "CO")

{

ro.Add(s);

}

}

gv.DataSource = ro;

}

}

}

**View Discount Form:**

namespace BHB\_HotelMangementSystem

{

public partial class ViewDiscountForm : Form

{

public ViewDiscountForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void ViewDiscountForm\_Load(object sender, EventArgs e)

{

gv.DataSource = discountDL.DiscountList;

}

}

}

**View Room Form:**

namespace BHB\_HotelMangementSystem

{

public partial class ViewRoom : Form

{

public ViewRoom()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void gv\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

private void ViewRoom\_Load(object sender, EventArgs e)

{

List<room> ro = new List<room>();

foreach(room s in roomDL.RoomList)

{

if(s.Status == "R")

{

ro.Add(s);

}

}

gv.DataSource = ro;

// gv.DataSource = roomDL.RoomList;

}

}

}

**View Reservation Form:**

namespace BHB\_HotelMangementSystem

{

public partial class ViewRservationForm : Form

{

public ViewRservationForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void ViewRservationForm\_Load(object sender, EventArgs e)

{

List<CheckIn> ro = new List<CheckIn>();

foreach(CheckIn s in CheckInDL.FormList)

{

if(s.Status == "R")

{

ro.Add(s);

}

}

gv.DataSource = ro;

}

}

}

**View User Form:**

namespace BHB\_HotelMangementSystem

{

public partial class ViewUser : Form

{

public ViewUser()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void ViewUser\_Load(object sender, EventArgs e)

{

gv.DataSource = MuserDL.UserList;

}

}

}

**USER Form :**

namespace BHB\_HotelMangementSystem

{

public partial class UserForm : Form

{

private Muser PreviousStatus;

private int index = 0;

public UserForm(Muser previous , int index)

{

InitializeComponent();

PreviousStatus = previous;

this.index = index;

}

private void viewRoomToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewRoom frm = new ViewRoom();

frm.ShowDialog();

}

private void viewDiscountToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewDiscountForm frm = new ViewDiscountForm();

frm.ShowDialog();

}

private void seeAlertMessageToolStripMenuItem\_Click(object sender, EventArgs e)

{

ShowMessageForm frm = new ShowMessageForm(index);

frm.ShowDialog();

}

private void changePaswordToolStripMenuItem\_Click(object sender, EventArgs e)

{

UserChangePasswordForm frm = new UserChangePasswordForm(PreviousStatus);

frm.ShowDialog();

}

private void addReservationFormToolStripMenuItem\_Click(object sender, EventArgs e)

{

AddReservationForm frm = new AddReservationForm();

frm.ShowDialog();

}

private void viewAvailableRoomToolStripMenuItem\_Click(object sender, EventArgs e)

{

ViewAvailableRoomForm frm = new ViewAvailableRoomForm();

frm.ShowDialog();

}

private void exitToolStripMenuItem\_Click(object sender, EventArgs e)

{

this.Close();

}

}

}

**Show Message Form :**

namespace BHB\_HotelMangementSystem

{

public partial class ShowMessageForm : Form

{

private int index;

public ShowMessageForm(int index)

{

this.index = index;

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnShow\_Click(object sender, EventArgs e)

{

int count = 0;

for(int x = 0; x< MessageDL.MessageList.Count; x++)

{

if (index == MessageDL.MessageList[x].Index)

{

tbMessage.Text = MessageDL.MessageList[x].Messag;

break;

}

else

{

count++;

}

}

if(count == MessageDL.MessageList.Count)

{

lblError.Visible = true;

lblError.Text = "Message not found ";

}

}

}

}

**User Change Password Form:**

namespace BHB\_HotelMangementSystem

{

public partial class UserChangePasswordForm : Form

{

private Muser PreviousStatus;

public UserChangePasswordForm(Muser previous)

{

InitializeComponent();

PreviousStatus = previous;

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void btnChange\_Click(object sender, EventArgs e)

{

int count = 0;

Muser s = Form1.CurrentUser();

foreach (Muser a in MuserDL.UserList)

{

if (s.UserName == a.UserName)

{

if (s.UserPassword == tbPreviousPassword.Text)

{

a.UserPassword = tbNewPassword.Text;

lblError.Visible = true;

lblError.Text = "Change Successfully";

}

else

{

lblError.Visible = true;

lblError.Text = "Previous password not matched";

}

}

else

{

count++;

}

}

if (count == MuserDL.UserList.Count)

{

lblError.Visible = true;

lblError.Text = "user not find";

}

/\* foreach (Muser a in MuserDL.UserList)

{

if (PreviousStatus.UserName == a.UserName)

{

if (s.UserPassword == tbPreviousPassword.Text)

{

a.UserPassword = tbNewPassword.Text;

lblError.Visible = true;

lblError.Text = "Change Successfully";

}

else

{

lblError.Visible = true;

lblError.Text = "Previous password not matched";

}

}

else

{

count++;

}

}

if (count == MuserDL.UserList.Count)

{

lblError.Visible = true;

lblError.Text = "user not find";

}\*/

}

}

}

**View Available Room:**

namespace BHB\_HotelMangementSystem

{

public partial class ViewAvailableRoomForm : Form

{

public ViewAvailableRoomForm()

{

InitializeComponent();

}

private void btnBack\_Click(object sender, EventArgs e)

{

this.Close();

}

private void flowLayoutPanel1\_Paint(object sender, PaintEventArgs e)

{

}

private void ViewAvailableRoomForm\_Load(object sender, EventArgs e)

{

List<room> ro = new List<room>();

foreach (room s in roomDL.RoomList)

{

if (s.Status == "AR")

{

ro.Add(s);

}

}

gv.DataSource = ro;

}

}