

Vehicle Management System

Codes of Projects

1.Login Page:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
namespace VehicleShowRoomCSharp
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "student" || textBox2.Text == "student")
            {
                MessageBox.Show("You are logged in successfully..");
                this.Visible = false;
                Home obj1 = new Home();
                obj1.ShowDialog();
            }
            else
            {

```

```

        MessageBox.Show("Enter Valid Username and Password.");
    }
}

private void button2_Click(object sender, EventArgs e)
{
    textBox1.Text = "";
    textBox2.Text = "";
}

private void Form1_Load(object sender, EventArgs e)
{
}

}
}
}

```

2.Home Page

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace VehicleShowRoomCSharp
{
    public partial class Home : Form
    {
        public Home()

```

```
{  
    InitializeComponent();  
}
```

```
private void vehiclesToolStripMenuItem_Click(object sender, EventArgs e)  
{  
    Vehicles obj = new Vehicles();  
    obj.ShowDialog();  
}
```

```
private void customerToolStripMenuItem_Click(object sender, EventArgs e)  
{  
    Customer obj1 = new Customer();  
    obj1.ShowDialog();  
}
```

```
private void employeeToolStripMenuItem_Click(object sender, EventArgs e)  
{  
    Agents obj2 = new Agents();  
    obj2.ShowDialog();  
}
```

```
private void purchaseToolStripMenuItem_Click(object sender, EventArgs e)  
{  
    PurchaseVehicle obj3 = new PurchaseVehicle();  
    obj3.ShowDialog();  
}
```

```
private void Home_Load(object sender, EventArgs e)  
{  
  
}
```

```

private void button2_Click(object sender, EventArgs e)
{

}

private void pictureBox1_Click(object sender, EventArgs e)
{
    Vehicles obj = new Vehicles();
    obj.ShowDialog();
}

private void pictureBox2_Click(object sender, EventArgs e)
{
    Customer obj1 = new Customer();
    obj1.ShowDialog();
}

private void pictureBox3_Click(object sender, EventArgs e)
{
    Agents obj2 = new Agents();
    obj2.ShowDialog();
}
}
}

```

3.Customer Page

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;

```

```

using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;
using System.IO;

namespace VehicleShowRoomCSharp
{
    public partial class Customer : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Alexander\Documents\Visual Studio
2012\Projects\VMS\VehicleShowRoomCSharp\bin\Debug\vehicle.mdf;Integrated Security=True");

        public Customer()
        {
            InitializeComponent();

            private void button1_Click(object sender, EventArgs e)
            {
                OpenFileDialog open = new OpenFileDialog();
                open.InitialDirectory = "C:\\";
                open.Filter = "Image Files(*.jpg)|*.jpg|All Files(*.*)|*.*";
                open.FilterIndex = 1;
                if (open.ShowDialog() == System.Windows.Forms.DialogResult.OK)
                {
                    if (open.CheckFileExists)
                    {

```

```

        try
        {
            string paths = Application.StartupPath.Substring(0, (Application.StartupPath.Length -
10));

            String correctFilename = System.IO.Path.GetFileName(open.FileName);
            System.IO.File.Copy(open.FileName, paths + "\\cust\\" + correctFilename);
            pictureBox1.Image = new Bitmap(open.FileName);
            label13.Text = correctFilename;
            label10.Text = open.FileName;
        }
        catch
        {
            MessageBox.Show("Image is Already Exists..");
        }

    }
}
}

```

```

private void button3_Click(object sender, EventArgs e)
{
    con.Open();
    try
    {
        string str = " INSERT INTO cust(name,mobile,email,img_name,paths,t_addr,p_addr)
VALUES('"+ textBox2.Text + "','"+ textBox3.Text + "','"+ textBox4.Text + "','"+ label13.Text + "','"+
label10.Text + "','"+ textBox5.Text + "','"+ textBox6.Text + "')";

        SqlCommand cmd = new SqlCommand(str, con);
        cmd.ExecuteNonQuery();

        //-----//
    }
}

```

```

string str1 = "select max(Id) from cust;";

SqlCommand cmd1 = new SqlCommand(str1, con);
SqlDataReader dr = cmd1.ExecuteReader();
if (dr.Read())
{
    MessageBox.Show("Customer's Information Inserted Successfully..");
    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";
    textBox5.Text = "";
    textBox6.Text = "";
    pictureBox1.Image = null;
    label10.Text = "";
    label13.Text = "";
}
this.Close();
}
catch (SqlException excep)
{
    MessageBox.Show(excep.Message);
}
con.Close();
}

private void Customer_Load(object sender, EventArgs e)
{
    con.Open();
    string str1 = "select max(id) from cust;";

    SqlCommand cmd1 = new SqlCommand(str1, con);

```

```

SqlDataReader dr = cmd1.ExecuteReader();
if (dr.Read())
{
    string val = dr[0].ToString();
    if (val == "")
    {
        textBox1.Text = "1";
    }
    else
    {
        int a;
        a = Convert.ToInt32(dr[0].ToString());
        a = a + 1;
        textBox1.Text = a.ToString();
    }
}

con.Close();
}

```

```

private void button2_Click(object sender, EventArgs e)
{
    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";
    textBox5.Text = "";
    textBox6.Text = "";

}

```

```

private void checkBox1_CheckedChanged(object sender, EventArgs e)

```



```

        {
            textBox6.Text = textBox5.Text;
        }
    }
}

```

4. Bus Detail Page

```

using System;

using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace VehicleShowRoomCSharp
{
    public partial class Vehicles : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Alexander\Documents\Visual Studio
2012\Projects\VMS\VehicleShowRoomCSharp\bin\Debug\vehicle.mdf;Integrated Security=True");

        public Vehicles()
        {
            InitializeComponent();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            con.Open();

            try

```

```
{  
    string str = " INSERT INTO vehicle(v_name,type,company) VALUES('" + textBox2.Text + "','" +  
textBox3.Text + "','" + textBox4.Text + "')";
```

```
    SqlCommand cmd = new SqlCommand(str, con);  
    cmd.ExecuteNonQuery();
```

```
    //-----//
```

```
    string str1 = "select max(Id) from vehicle;";
```

```
    SqlCommand cmd1 = new SqlCommand(str1, con);  
    SqlDataReader dr = cmd1.ExecuteReader();  
    if (dr.Read())  
    {  
        MessageBox.Show("Vehicle's Information Inserted Successfully..");
```

```
    }  
    this.Close();
```

```
    }  
    catch (SqlException excep)  
    {  
        MessageBox.Show(excep.Message);  
    }  
    con.Close();
```

```
}
```

```
private void Vehicles_Load(object sender, EventArgs e)
```

```
{  
    con.Open();  
    string str1 = "select max(id) from vehicle;";
```

```
    SqlCommand cmd1 = new SqlCommand(str1, con);
```

```

SqlDataReader dr = cmd1.ExecuteReader();
if (dr.Read())
{
    string val = dr[0].ToString();
    if (val == "")
    {
        textBox1.Text = "1";
    }
    else
    {
        int a;
        a = Convert.ToInt32(dr[0].ToString());
        a = a + 1;
        textBox1.Text = a.ToString();
    }
}

con.Close();
}

private void button1_Click(object sender, EventArgs e)
{
    OpenFileDialog open = new OpenFileDialog();
    open.InitialDirectory = "C:\\";
    open.Filter = "Image Files(*.jpg) | *.jpg | All Files(*.*) | *.*";
    open.FilterIndex = 1;
    if (open.ShowDialog() == System.Windows.Forms.DialogResult.OK)
    {
        if (open.CheckFileExists)
        {

```

```

        try
        {
            string paths = Application.StartupPath.Substring(0, (Application.StartupPath.Length -
10));

            String correctFilename = System.IO.Path.GetFileName(open.FileName);
            System.IO.File.Copy(open.FileName, paths + "\\vehicle\\" + correctFilename);
            pictureBox1.Image = new Bitmap(open.FileName);

        }
        catch
        {
            MessageBox.Show("Image is Already Exists..");
        }

    }
}

}

private void button2_Click(object sender, EventArgs e)
{
    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";

}
}
}

```

5.Employee Details

```
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Data.SqlClient;

namespace VehicleShowRoomCSharp
{
    public partial class Agents : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Jimmi\Desktop\kashipara.com_vehicl
eshowroomcsharp-
zip\VehicleShowRoomCSharp\VehicleShowRoomCSharp\bin\Debug\vehicle.mdf;Integrated
Security=True");

        public Agents()
        {
            InitializeComponent();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            con.Open();

            try
            {
                string str = " INSERT INTO emp(name,contact,email,addr,educ,exper,doj,position,salary)
VALUES('"+ textBox2.Text + "','" + textBox3.Text + "','" + textBox4.Text + "','" + textBox5.Text + "','"
+ textBox6.Text + "','" + textBox7.Text + "','" + textBox8.Text + "','" + textBox9.Text + "','" +
textBox10.Text + "')";
```

```
SqlCommand cmd = new SqlCommand(str, con);  
cmd.ExecuteNonQuery();
```

```
//-----//
```

```
string str1 = "select max(Id) from emp;";
```

```
SqlCommand cmd1 = new SqlCommand(str1, con);  
SqlDataReader dr = cmd1.ExecuteReader();  
if (dr.Read())  
{  
    MessageBox.Show("Employee's Information Inserted Successfully..");  
    using (con)  
    {  
  
        string str2 = "SELECT * FROM emp";  
        SqlCommand cmd2 = new SqlCommand(str2, con);  
        SqlDataAdapter da = new SqlDataAdapter(cmd2);  
        DataTable dt = new DataTable();  
        da.Fill(dt);  
  
        dataGridView1.DataSource = new BindingSource(dt, null);  
    }  
    textBox1.Text = "";  
    textBox2.Text = "";  
    textBox3.Text = "";  
    textBox4.Text = "";  
    textBox5.Text = "";  
    textBox6.Text = "";  
    textBox7.Text = "";  
    textBox8.Text = "";
```

```

        textBox9.Text = "";
        textBox10.Text = "";

    }

}

catch (SqlException excep)
{
    MessageBox.Show(excep.Message);
}

con.Close();
}

private void Agents_Load(object sender, EventArgs e)
{
    // TODO: This line of code loads data into the 'vehicleDataSet.emp' table. You can move, or
    remove it, as needed.

    this.empTableAdapter.Fill(this.vehicleDataSet.emp);
    con.Open();
    string str1 = "select max(id) from emp;";

    SqlCommand cmd1 = new SqlCommand(str1, con);
    SqlDataReader dr = cmd1.ExecuteReader();
    if (dr.Read())
    {
        string val = dr[0].ToString();
        if (val == "")
        {
            textBox1.Text = "1";
        }
        else
        {
            int a;

```

```

        a = Convert.ToInt32(dr[0].ToString());

        a = a + 1;

        textBox1.Text = a.ToString();
    }

}

con.Close();
}

private void button2_Click(object sender, EventArgs e)
{
    con.Open();

    try
    {
        string getCust = "select name,contact,email,addr,educ,exper,doj,position,salary from
emp where id=" + Convert.ToInt32(textBox1.Text) + " ";

        SqlCommand cmd = new SqlCommand(getCust, con);
        SqlDataReader dr;
        dr = cmd.ExecuteReader();
        if (dr.Read())
        {
            textBox2.Text = dr.GetValue(0).ToString();
            textBox3.Text = dr.GetValue(1).ToString();
            textBox4.Text = dr.GetValue(2).ToString();
            textBox5.Text = dr.GetValue(3).ToString();
            textBox6.Text = dr.GetValue(4).ToString();
            textBox7.Text = dr.GetValue(5).ToString();
            textBox8.Text = dr.GetValue(6).ToString();
            textBox9.Text = dr.GetValue(7).ToString();
            textBox10.Text = dr.GetValue(8).ToString();

        }
    }
}

```



```

        else
        {
            MessageBox.Show(" Sorry ,,This ID, " + textBox1.Text + " Transportation Booking is not Available. ");
            textBox1.Text = "";
        }
    }
    catch (SqlException excep)
    {
        MessageBox.Show(excep.Message);
    }
    con.Close();
}

```

```

private void button4_Click(object sender, EventArgs e)
{
    con.Open();

    try
    {
        string str = " Update emp set name='" + textBox2.Text + "',contact='" + textBox3.Text + 
        "',email='" + textBox4.Text + "',addr='" + textBox5.Text + "',educ='" + textBox6.Text + "',exper='" + 
        textBox7.Text + "',doj='" + textBox8.Text + "',position='" + textBox9.Text + "',salary='" + 
        textBox10.Text + "' where id='" + textBox1.Text + "'";
    }
}

```

```

SqlCommand cmd = new SqlCommand(str, con);
cmd.ExecuteNonQuery();

```

```

string str1 = "select max(id) from emp;";

```

```

SqlCommand cmd1 = new SqlCommand(str1, con);
SqlDataReader dr = cmd1.ExecuteReader();
if (dr.Read())
{

```

```
        MessageBox.Show("'" + textBox2.Text + "'s Details is Updated Successfully.. ", "Important Message");
```

```
        using (SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\dell\Documents\Visual Studio 2015\Projects\VehicleShowRoomCSharp\VehicleShowRoomCSharp\vehicle.mdf;Integrated Security=True"))
```

```
{
```

```
    string str2 = "SELECT * FROM emp";
```

```
    SqlCommand cmd2 = new SqlCommand(str2, con);
```

```
    SqlDataAdapter da = new SqlDataAdapter(cmd2);
```

```
    DataTable dt = new DataTable();
```

```
    da.Fill(dt);
```

```
    dataGridView1.DataSource = new BindingSource(dt, null);
```

```
}
```

```
textBox1.Text = "";
```

```
textBox2.Text = "";
```

```
textBox3.Text = "";
```

```
textBox4.Text = "";
```

```
textBox5.Text = "";
```

```
textBox6.Text = "";
```

```
textBox7.Text = "";
```

```
textBox8.Text = "";
```

```
textBox9.Text = "";
```

```
textBox10.Text = "";
```

```
}
```

```
}
```

```
catch (SqlException excep)
```

```
{
```

```
    MessageBox.Show(excep.Message);
```

```
}
```

```
con.Close();
```

```
}
```

```
private void button1_Click(object sender, EventArgs e)
```

```
{
```

```
    try
```

```
    {
```

```
        con.Open();
```

```
        string str = "DELETE FROM emp WHERE id = '" + textBox1.Text + "'";
```

```
        SqlCommand cmd = new SqlCommand(str, con);
```

```
        cmd.ExecuteNonQuery();
```

```
        con.Close();
```

```
        MessageBox.Show(" Agent Record Delete Successfully");
```

```
        using (con)
```

```
        {
```

```
            string str2 = "SELECT * FROM emp";
```

```
            SqlCommand cmd2 = new SqlCommand(str2, con);
```

```
            SqlDataAdapter da = new SqlDataAdapter(cmd2);
```

```
            DataTable dt = new DataTable();
```

```
            da.Fill(dt);
```

```
            dataGridView1.DataSource = new BindingSource(dt, null);
```

```
        }
```

```
        textBox1.Text = "";
```

```
        textBox2.Text = "";
```

```
        textBox3.Text = "";
```

```
        textBox4.Text = "";
```

```
        textBox5.Text = "";
```

```
        textBox6.Text = "";
```

```
        textBox7.Text = "";
        textBox8.Text = "";
        textBox9.Text = "";
        textBox10.Text = "";
    }

    catch (SqlException ex)
    {
        MessageBox.Show(ex.Message);
        MessageBox.Show("Please Enter employee Id..");
    }
}
}
```