

Form1.cs

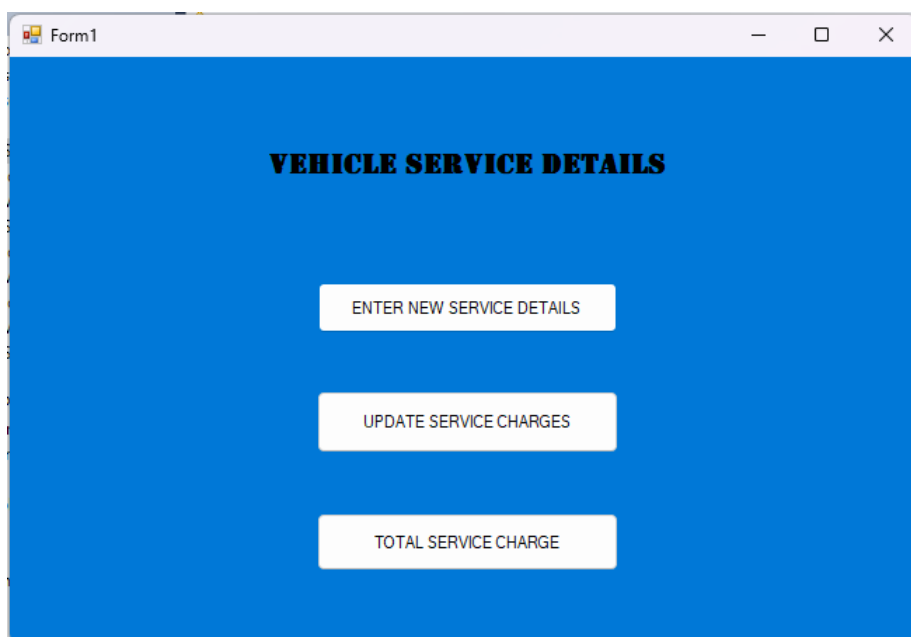
```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

namespace partbprg3
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            new Form2().Show();
            this.Hide();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            new Form3().Show();
            this.Hide();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            new Form4().Show();
            this.Hide();
        }
    }
}
```



Form2.cs

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

namespace partbprg3
{
    public partial class Form2 : Form
    {
        public Form2()
        {
            InitializeComponent();

            private void button1_Click(object sender, EventArgs e)
            {
                new Form1().Show();
                this.Hide();
            }

            private void Form2_Load(object sender, EventArgs e)
            {
                SqlConnection con = new SqlConnection("Data Source=mca01-17\\sqlexpress;Initial
Catalog=db_VSS2;Integrated Security=True;Pooling=False");
                con.Open();
                SqlDataAdapter da = new SqlDataAdapter("select VehicleType from tbl_VehicleTypes", con);
                DataTable dt = new DataTable();
                da.Fill(dt);
                comboBox1.DataSource = dt;
                comboBox1.DisplayMember = "VehicleType";
                comboBox1.ValueMember = "VehicleType";
                con.Close();
            }

            private void button2_Click(object sender, EventArgs e)
            {
                SqlConnection con = new SqlConnection("Data Source=mca01-17\\sqlexpress;Initial
Catalog=db_VSS2;Integrated Security=True;Pooling=False");
                con.Open();
                SqlDataAdapter da = new SqlDataAdapter("select IdVehicleType from tbl_VehicleTypes where
VehicleType = '" + comboBox1.SelectedValue.ToString() + "'", con);
                DataTable dt = new DataTable();
                da.Fill(dt);

                SqlCommand cmd = new SqlCommand("insert into tbl_ServiceDetails values(" + textBox1.Text
+ ", '" + textBox2.Text + "', '" + textBox3.Text + "', " + int.Parse((dt.Rows[0][0]).ToString()) + ")",
con);

                cmd.ExecuteNonQuery();
                MessageBox.Show("Records Entered Successfully");
                textBox1.Text = "";
                textBox2.Text = "";
                textBox3.Text = "";
                textBox1.Focus();
                con.Close();
            }
        }
    }
}
```

Enter new Service Details for the Selected Vehicle

Four Wheeler

Service ID: 101

Vehicle Number: KA19EF4048

Service Details: Engine Service

BACK SAVE

Records Entered Successfully

OK

Form3.cs

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

namespace partbprg3
{
    public partial class Form3 : Form
    {
        SqlConnection con;
        SqlDataAdapter da;
        DataTable dt;
        public Form3()
        {
            InitializeComponent();
        }

        private void Form3_Load(object sender, EventArgs e)
        {
            con = new SqlConnection("Data Source=mca01-17\\sqlexpress;Initial
Catalog=db_VSS2;Integrated Security=True;Pooling=False");
            con.Open();
            da = new SqlDataAdapter("select * from tbl_VehicleTypes", con);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView1.DataSource = dt;
        }

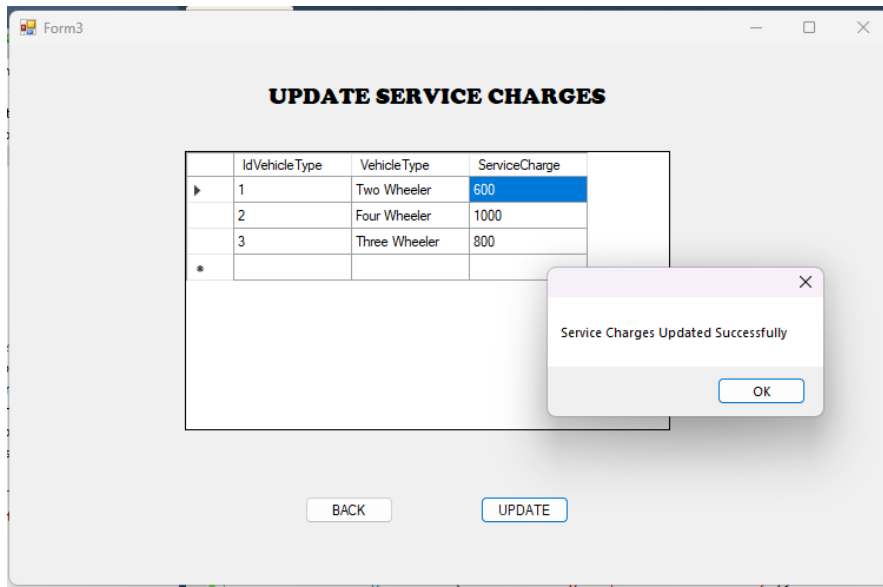
        private void button1_Click(object sender, EventArgs e)
        {
            SqlCommandBuilder cmd = new SqlCommandBuilder(da);
            da.Update(dt);
        }
    }
}
```

```

        MessageBox.Show("Service Charges Updated Successfully");
    }

    private void button2_Click(object sender, EventArgs e)
    {
        new Form1().Show();
        this.Hide();
    }
}

```



Form4.cs

```

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

namespace partbprg3
{
    public partial class Form4 : Form
    {
        SqlConnection con;
        SqlDataAdapter da;
        DataTable dt;
        public Form4()
        {
            InitializeComponent();
        }

        private void Form4_Load(object sender, EventArgs e)
        {
            con = new SqlConnection("Data Source=mca01-17\\sqlexpress;Initial
Catalog=db_VSS2;Integrated Security=True;Pooling=False");
            con.Open();
            da = new SqlDataAdapter("select VehicleType from tbl_VehicleTypes", con);
            dt = new DataTable();
            da.Fill(dt);
            comboBox1.DataSource = dt;
            comboBox1.DisplayMember = "VehicleType";
            comboBox1.ValueMember = "VehicleType";
        }
    }
}

```

```

        con.Close();
    }

    private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
    {
        con = new SqlConnection("Data Source=mca01-17\\sqlexpress;Initial
Catalog=db_VSS2;Integrated Security=True;Pooling=False");
        con.Open();
        da = new SqlDataAdapter("select IdVehicleType, ServiceCharge from tbl_VehicleTypes where
VehicleType = '"+comboBox1.SelectedValue.ToString()+"'", con);
        dt = new DataTable();
        da.Fill(dt);

        int id=0, amt=0;
        foreach (DataRow r in dt.Rows)
        {
            id = int.Parse(r[0].ToString());
            amt = int.Parse(r[1].ToString());
        }

        da = new SqlDataAdapter("select IdVehicleType, count(*) from tbl_ServiceDetails group by
IdVehicleType", con);
        dt = new DataTable();
        da.Fill(dt);

        int total_service = 0;
        foreach(DataRow r in dt.Rows)
        {
            if(int.Parse(r[0].ToString()) ==id)
                total_service = int.Parse(r[1].ToString())*amt;
        }
        textBox1.Text = total_service.ToString();

        con.Close();
    }

    private void button2_Click(object sender, EventArgs e)
    {
        new Form1().Show();
        this.Hide();
    }
}
}

```

Form4

TOTAL SERVICE CHARGES COLLECTED

Four Wheeler

TOTAL AMOUNT 2000

BACK VIEW

Form4

TOTAL SERVICE CHARGES COLLECTED

Two Wheeler

TOTAL AMOUNT 1200

BACK VIEW

	IdService	VehicleNumber	ServiceDetails	IdVehicleType
	101	KA19EF4048	Engine Service	2
	102	KA19EF3333	Oil Change	2
	103	KA21JG2222	Breakpads	1
	104	KA01MN7777	Tyrechange	1
	105	KA01GH2022	Battery change	3
▶*	NULL	NULL	NULL	NULL

	IdVehicleType	VehicleType	ServiceCharge
	1	Two Wheeler	500
	2	Four Wheeler	1000
	3	Three Wheeler	700
▶*	NULL	NULL	NULL