**Design and Code of Easytech Billing Software**

**Code for Program.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Windows.Forms;

namespace Easytech

{

static class Program

{

/// <summary>

/// The main entry point for the application.

/// </summary>

[STAThread]

static void Main()

{

string dateInString = "01.08.2019";

DateTime startDate = DateTime.Parse(dateInString);

DateTime expiryDate = startDate.AddMonths(14);

DateTime alertDate = startDate.AddMonths(13);

if (DateTime.Now > expiryDate) MessageBox.Show("Application Expired.","",MessageBoxButtons.OK,MessageBoxIcon.Stop);

else if (DateTime.Now > alertDate)

{

MessageBox.Show("Your license will be expired soon. The expiry date is "+expiryDate.ToShortDateString()+".","",MessageBoxButtons.OK,MessageBoxIcon.Warning);

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Form8());

}

else

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Form8());

}

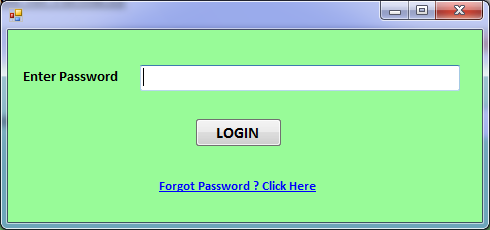
}

}

}

**1. Login Portion :-**

**Design and Code for Form8.cs**



**Button1**

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.OleDb;

namespace Easytech

{

public partial class Form8 : Form

{

OleDbConnection con = new OleDbConnection();

OleDbCommand com;

OleDbDataAdapter da;

DataSet ds;

public Form8()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

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

{

testpass();

}

private void textBox1\_KeyDown(object sender, KeyEventArgs e)

{

if (e.KeyCode == Keys.Enter) {testpass();}

}

public void testpass()

{

da = new OleDbDataAdapter("SELECT \* FROM passwizard WHERE user\_pass='" + this.textBox1.Text + "'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0) {this.Hide();MDIParent1 mdi1 = new MDIParent1();mdi1.Show();}

else { MessageBox.Show("Enter valid password."); this.textBox1.Text = ""; this.textBox1.Select(); }

}

private void linkLabel1\_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)

{

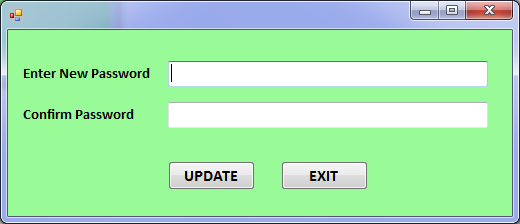
this.Hide(); Form9 frm9 = new Form9(); frm9.Show();

}

}

}

**Design and Code for Form9.cs**



**Button2**

**Button11**

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.OleDb;

namespace Easytech

{

public partial class Form9 : Form

{

OleDbConnection con = new OleDbConnection();

OleDbCommand com;

OleDbDataAdapter da;

DataSet ds;

public Form9()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

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

{

if (this.textBox1.Text == "") MessageBox.Show("New Password field cannot be blanked.");

else if (this.textBox2.Text == "") MessageBox.Show("Confirm Password field cannot be blanked.");

else

{

DialogResult dialog = MessageBox.Show("Do you want to change password ?", "Password Change", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes)

{

if (this.textBox1.Text == this.textBox2.Text)

{

con.Open();

com = new OleDbCommand("UPDATE passwizard SET user\_pass='" + this.textBox1.Text + "'", con);

com.ExecuteNonQuery();

con.Close();

this.textBox1.Text = "";

this.textBox2.Text = "";

MessageBox.Show("Password updated");

this.Close();

Form8 frm8 = new Form8();

frm8.Show();

}

else { MessageBox.Show("Confirm Password is not same with Password."); this.textBox2.Text = ""; this.textBox2.Select();}

}

}

}

private void button2\_Click(object sender, EventArgs e)

{

DialogResult dialog = MessageBox.Show("Do you want to exit ?", "Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes) {this.Close();Form8 frm8 = new Form8();frm8.Show();}

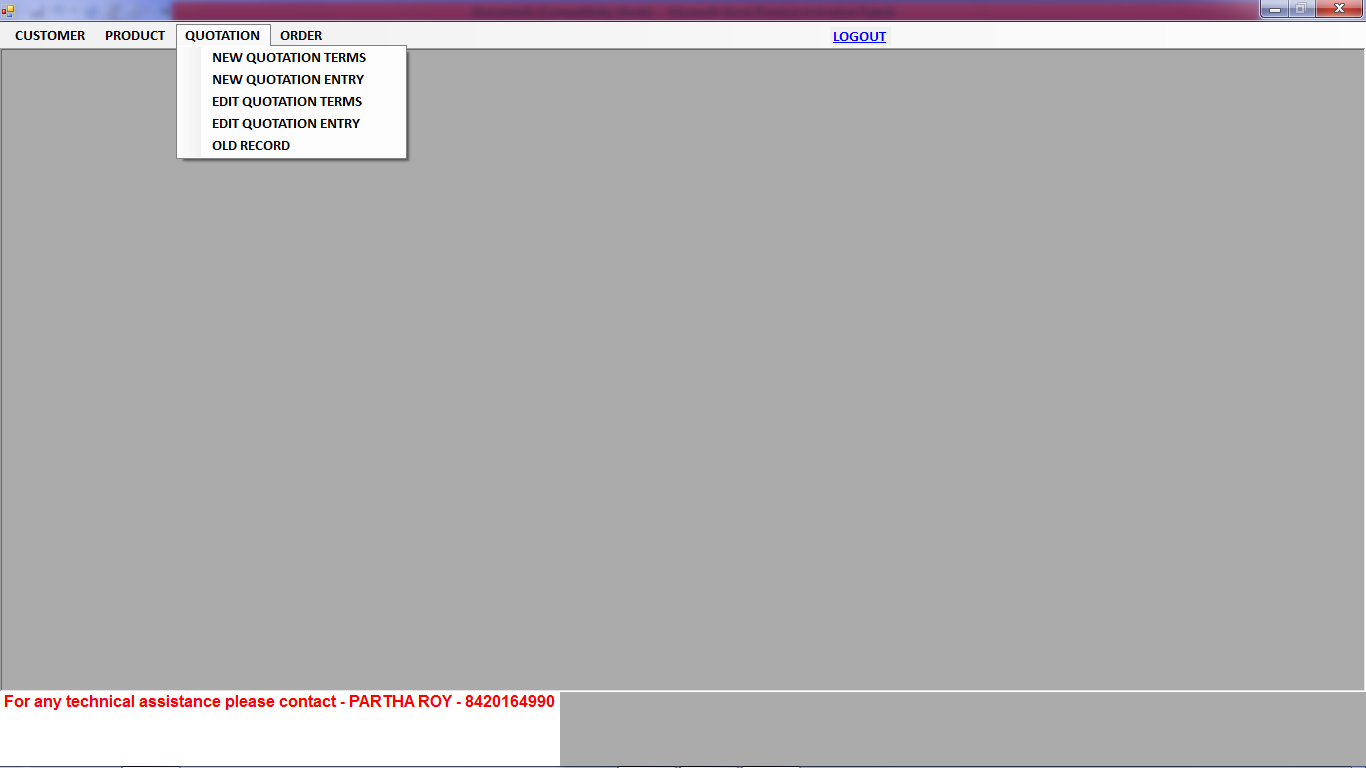
}

}

}

**2. Menu Item Portion :-**

**Design and Code for MDIParent1.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 Easytech

{

public partial class MDIParent1 : Form

{

public MDIParent1()

{

InitializeComponent();

}

private void MDIParent1\_Load(object sender, EventArgs e)

{

this.Height = Screen.PrimaryScreen.WorkingArea.Height;

this.Width = Screen.PrimaryScreen.WorkingArea.Width;

this.Location = Screen.PrimaryScreen.WorkingArea.Location;

}

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

{

Form1 frm1 = new Form1();frm1.MdiParent = this;frm1.Show();

}

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

{

Form2 frm2 = new Form2();frm2.MdiParent = this;frm2.Show();

}

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

{

Form10 frm10 = new Form10();frm10.MdiParent = this;frm10.Show();

}

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

{

Form3 frm3 = new Form3();frm3.MdiParent = this;frm3.Show();

}

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

{

Form4 frm4 = new Form4();frm4.MdiParent = this;frm4.Show();

}

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

{

Form5 frm5 = new Form5();frm5.MdiParent = this;frm5.Show();

}

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

{

Form6 frm6 = new Form6();frm6.MdiParent = this;frm6.Show();

}

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

{

Form7 frm7 = new Form7();frm7.MdiParent = this;frm7.Show();

}

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

{

Form12 frm12 = new Form12();frm12.MdiParent = this;frm12.Show();

}

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

{

Form13 frm13 = new Form13();frm13.MdiParent = this;frm13.Show();

}

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

{

Form11 frm11 = new Form11();frm11.MdiParent = this;frm11.Show();

}

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

{

}

private void linkLabel1\_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)

{

this.Close();Form8 frm8 = new Form8();frm8.Show();

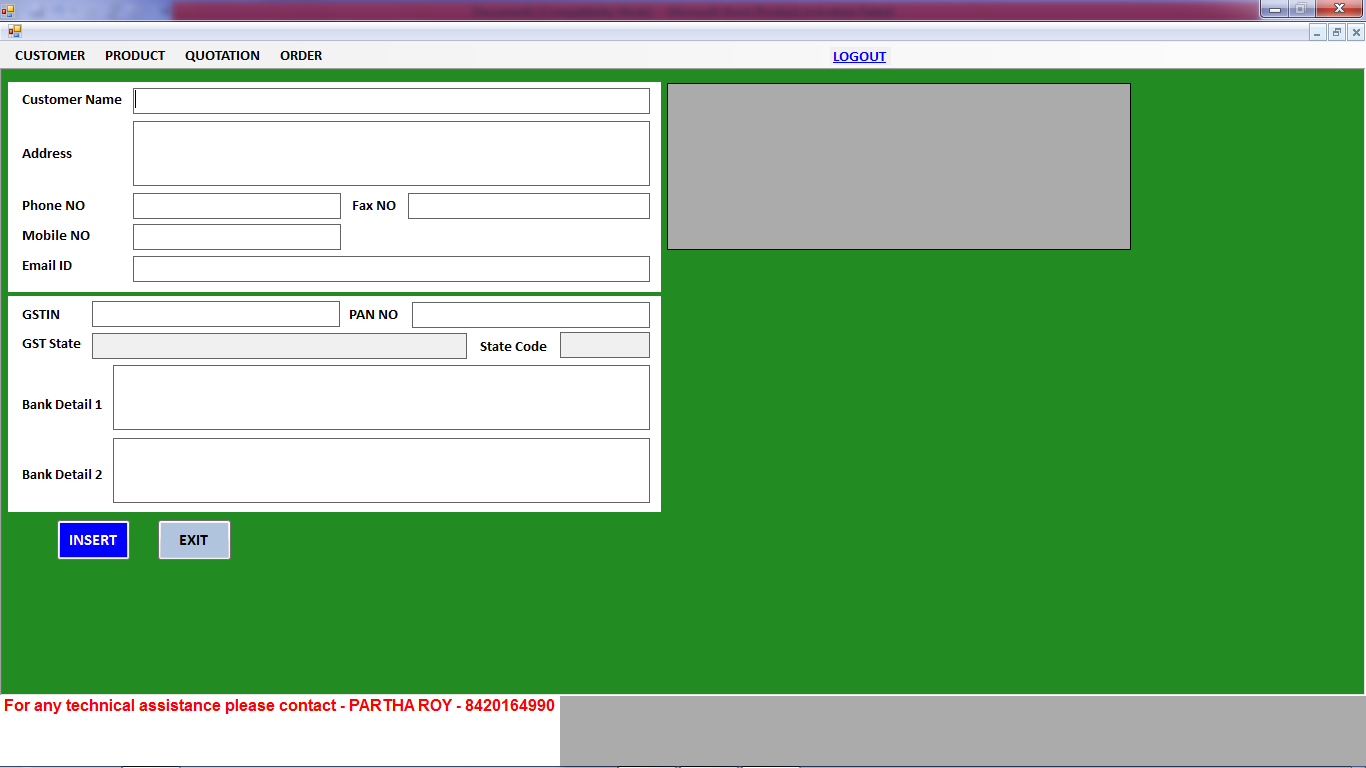
}

}

}

**3. Customer Portion :-**

**Design and Code for Form1.cs (New Customer Registration)**



**Button2**

**Button1**

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.OleDb;

namespace Easytech

{

public partial class Form1 : Form

{

OleDbConnection con = new OleDbConnection();

OleDbCommand com;

OleDbDataAdapter da;

DataSet ds;

public Form1()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

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

{

if (this.textBox1.Text == "") MessageBox.Show("Enter Customer's Name.");

else if (this.textBox2.Text == "") MessageBox.Show("Enter Customer's Address.");

else if (this.textBox5.Text == "") MessageBox.Show("Enter Mobile NO.");

else if (this.textBox5.Text.Length != 10) MessageBox.Show("Enter 10 digit mobile number.");

else if (this.textBox7.Text != "" && this.textBox7.Text.Length != 15) MessageBox.Show("Please enter valid GST NO.");

else

{

DialogResult dialog = MessageBox.Show("All the data are correct?", "Insert", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes)

{

if (this.textBox8.Text != "")

{

da = new OleDbDataAdapter("SELECT \* FROM custdetail WHERE cust\_gst='" + this.textBox7.Text + "'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0) MessageBox.Show("This GSTIN is already exist.");

else { insert(); }

}

else { insert(); }

}

}

}

private void button2\_Click(object sender, EventArgs e)

{

DialogResult dialog = MessageBox.Show("Do you want to exit ?", "Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes) this.Close();

}

private void textBox1\_KeyUp(object sender, KeyEventArgs e)

{

if (this.textBox1.Text == "") this.dataGridView1.DataSource = "";

else

{

da = new OleDbDataAdapter("SELECT cust\_name,cust\_address,cust\_gst FROM custdetail WHERE cust\_name LIKE '" + this.textBox1.Text + "%'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.dataGridView1.DataSource = ds.Tables[0];

this.dataGridView1.Columns[0].HeaderText = "Client's Name";

this.dataGridView1.Columns[1].HeaderText = "Client's Address";

this.dataGridView1.Columns[2].HeaderText = "GSTIN";

}

else this.dataGridView1.DataSource = "";

}

}

private void textBox3\_KeyPress(object sender, KeyPressEventArgs e)

{

number\_only(sender, e);

}

private void textBox4\_KeyPress(object sender, KeyPressEventArgs e)

{

number\_only(sender, e);

}

private void textBox5\_KeyPress(object sender, KeyPressEventArgs e)

{

number\_only(sender, e);

}

private void textBox7\_TextChanged(object sender, EventArgs e)

{

this.textBox7.Text = this.textBox7.Text.ToUpper();

this.textBox7.SelectionStart = this.textBox7.Text.Length;

}

private void textBox8\_TextChanged(object sender, EventArgs e)

{

this.textBox8.Text = this.textBox8.Text.ToUpper();

this.textBox8.SelectionStart = this.textBox8.Text.Length;

}

private void textBox7\_Leave(object sender, EventArgs e)

{

if (this.textBox7.Text == "") { this.textBox8.Text = ""; this.textBox9.Text = ""; this.textBox10.Text = ""; }

else if (this.textBox7.Text.Length == 15)

{

switch (this.textBox7.Text.Substring(0, 2))

{

case "35": this.textBox9.Text = "Andaman and Nicobar Islands"; this.textBox10.Text = "35"; break;

case "37": this.textBox9.Text = "Andhra Pradesh (New)"; this.textBox10.Text = "37"; break;

case "28": this.textBox9.Text = "Andhra Pradesh (Old)"; this.textBox10.Text = "28"; break;

case "12": this.textBox9.Text = "Arunachal Pradesh"; this.textBox10.Text = "12"; break;

case "18": this.textBox9.Text = "Assam"; this.textBox10.Text = "18"; break;

case "10": this.textBox9.Text = "Bihar"; this.textBox10.Text = "10"; break;

case "04": this.textBox9.Text = "Chandigarh"; this.textBox10.Text = "04"; break;

case "22": this.textBox9.Text = "Chhattisgarh"; this.textBox10.Text = "22"; break;

case "26": this.textBox9.Text = "Dadra and Nagar Haveli"; this.textBox10.Text = "26"; break;

case "25": this.textBox9.Text = "Daman and Diu"; this.textBox10.Text = "25"; break;

case "07": this.textBox9.Text = "Delhi"; this.textBox10.Text = "07"; break;

case "30": this.textBox9.Text = "Goa"; this.textBox10.Text = "30"; break;

case "24": this.textBox9.Text = "Gujarat"; this.textBox10.Text = "24"; break;

case "06": this.textBox9.Text = "Haryana"; this.textBox10.Text = "06"; break;

case "01": this.textBox9.Text = "Himachal Pradesh"; this.textBox10.Text = "01"; break;

case "02": this.textBox9.Text = "Jammu and Kashmir"; this.textBox10.Text = "02"; break;

case "20": this.textBox9.Text = "Jharkhand"; this.textBox10.Text = "20"; break;

case "29": this.textBox9.Text = "Karnataka"; this.textBox10.Text = "29"; break;

case "32": this.textBox9.Text = "Kerala"; this.textBox10.Text = "32"; break;

case "31": this.textBox9.Text = "Lakshadweep"; this.textBox10.Text = "31"; break;

case "23": this.textBox9.Text = "Madhya Pradesh"; this.textBox10.Text = "23"; break;

case "27": this.textBox9.Text = "Maharashtra"; this.textBox10.Text = "27"; break;

case "14": this.textBox9.Text = "Manipur"; this.textBox10.Text = "14"; break;

case "17": this.textBox9.Text = "Meghalaya"; this.textBox10.Text = "17"; break;

case "15": this.textBox9.Text = "Mizoram"; this.textBox10.Text = "15"; break;

case "13": this.textBox9.Text = "Nagaland"; this.textBox10.Text = "13"; break;

case "21": this.textBox9.Text = "Odisha"; this.textBox10.Text = "21"; break;

case "34": this.textBox9.Text = "Puduchery"; this.textBox10.Text = "34"; break;

case "03": this.textBox9.Text = "Punjab"; this.textBox10.Text = "03"; break;

case "08": this.textBox9.Text = "Rajasthan"; this.textBox10.Text = "08"; break;

case "11": this.textBox9.Text = "Sikkim"; this.textBox10.Text = "11"; break;

case "33": this.textBox9.Text = "Tamil Nadu"; this.textBox10.Text = "33"; break;

case "36": this.textBox9.Text = "Telangana"; this.textBox10.Text = "36"; break;

case "16": this.textBox9.Text = "Tripura"; this.textBox10.Text = "16"; break;

case "09": this.textBox9.Text = "Uttar Pradesh"; this.textBox10.Text = "09"; break;

case "05": this.textBox9.Text = "Uttarakhand"; this.textBox10.Text = "05"; break;

case "19": this.textBox9.Text = "West Bengal"; this.textBox10.Text = "19"; break;

}

this.textBox8.Text = this.textBox7.Text.Substring(2, 10);

}

else MessageBox.Show("Please enter valid GST NO.");

}

public void insert()

{

string sql = "INSERT INTO custdetail(cust\_name,cust\_address,cust\_phone,cust\_fax,cust\_mobile,cust\_email,cust\_gst,cust\_pan,gst\_state,state\_code,bank1,bank2) VALUES('" + this.textBox1.Text + "','" + this.textBox2.Text + "','" + this.textBox3.Text + "','" + this.textBox4.Text + "','" + this.textBox5.Text + "','" + this.textBox6.Text + "','" + this.textBox7.Text + "','" + this.textBox8.Text + "','" + this.textBox9.Text + "','" + this.textBox10.Text + "','" + this.textBox11.Text + "','" + this.textBox12.Text + "')";

con.Open();

com = new OleDbCommand(sql, con);

com.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record inserted successfully");

this.textBox1.Text = "";

this.textBox2.Text = "";

this.textBox3.Text = "";

this.textBox4.Text = "";

this.textBox5.Text = "";

this.textBox6.Text = "";

this.textBox7.Text = "";

this.textBox8.Text = "";

this.textBox9.Text = "";

this.textBox10.Text = "";

this.textBox11.Text = "";

this.textBox12.Text = "";

this.textBox1.Select();

}

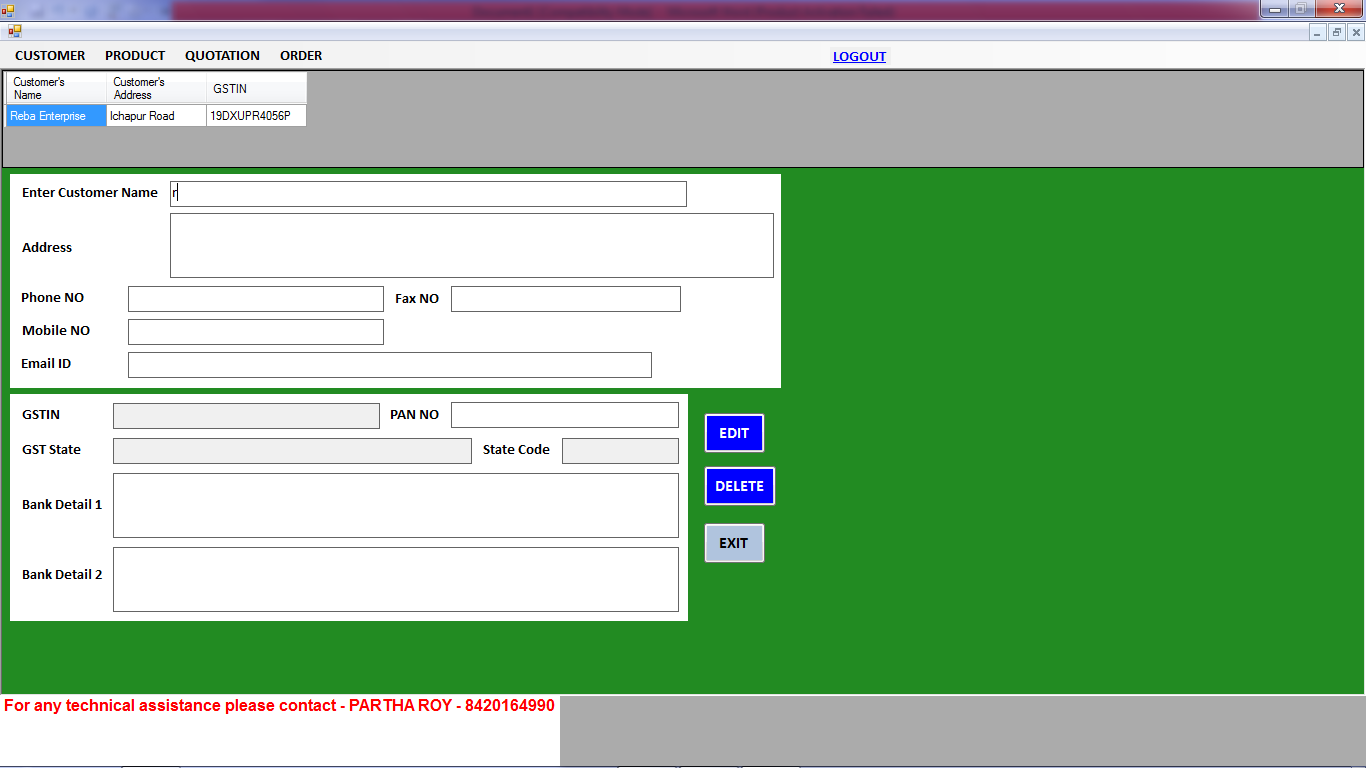
public void number\_only(object sender, KeyPressEventArgs e)

{

if (!char.IsControl(e.KeyChar) && !char.IsDigit(e.KeyChar)) {e.Handled = true;MessageBox.Show("Enter number only.");}

}

**Design and Code for Form2.cs (Search, Update and Delete Customer Detail)**



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.OleDb;

namespace Easytech

{

public partial class Form2 : Form

{

OleDbConnection con=new OleDbConnection();

OleDbCommand com;

OleDbDataAdapter da;

DataSet ds;

public Form2()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

private void Form2\_Load(object sender, EventArgs e)

{

this.textBox1.Select();

}

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

{

if (this.textBox13.Text == "") MessageBox.Show("Your system is unable to edit data.");

else if (this.textBox5.Text.Length < 10) MessageBox.Show("Enter 10 digit mobile number.");

else

{

DialogResult dialog = MessageBox.Show("Do you want to edit data ?", "Update", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes)

{

string sql = "UPDATE custdetail SET cust\_name='" + this.textBox1.Text + "',cust\_address='" + this.textBox2.Text + "',cust\_phone='" + this.textBox3.Text + "',cust\_fax='" + this.textBox4.Text + "',cust\_mobile='" + this.textBox5.Text + "',cust\_email='" + this.textBox6.Text + "',cust\_pan='" + this.textBox8.Text + "',bank1='" + this.textBox11.Text + "',bank2='" + this.textBox12.Text + "' WHERE cust\_no=" + this.textBox13.Text + "";

con.Open();

com = new OleDbCommand(sql, con);

com.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record updated successfully.");

this.textBox1.Select();

}

}

}

private void button2\_Click(object sender, EventArgs e)

{

if (this.textBox13.Text == "") MessageBox.Show("Your system is unable to delete the record.");

else

{

DialogResult dialog = MessageBox.Show("Do you want to delete this record ?", "Delete", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes)

{

con.Open();

com = new OleDbCommand("DELETE FROM custdetail where cust\_no=" + this.textBox13.Text + "", con);

com.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record deleted.");

this.textBox13.Text = "";

this.textBox1.Text = "";

this.textBox2.Text = "";

this.textBox3.Text = "";

this.textBox4.Text = "";

this.textBox5.Text = "";

this.textBox6.Text = "";

this.textBox7.Text = "";

this.textBox8.Text = "";

this.textBox9.Text = "";

this.textBox10.Text = "";

this.textBox11.Text = "";

this.textBox12.Text = "";

this.textBox1.Select();

}

}

}

private void button3\_Click(object sender, EventArgs e)

{

DialogResult dialog = MessageBox.Show("Do you want to exit ?", "Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes) this.Close();

}

private void textBox1\_KeyUp(object sender, KeyEventArgs e)

{

if (this.textBox1.Text == "") this.dataGridView1.DataSource = "";

else

{

da = new OleDbDataAdapter("select cust\_name,cust\_address,cust\_gst from custdetail where cust\_name like '" + this.textBox1.Text + "%'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.dataGridView1.DataSource = ds.Tables[0];

this.dataGridView1.Columns[0].HeaderText = "Customer's Name";

this.dataGridView1.Columns[1].HeaderText = "Customer's Address";

this.dataGridView1.Columns[2].HeaderText = "GSTIN";

}

else this.dataGridView1.DataSource = "";

}

}

private void dataGridView1\_CellClick(object sender, DataGridViewCellEventArgs e)

{

if (e.RowIndex >= 0)

{

DataGridViewRow rowdata = this.dataGridView1.Rows[e.RowIndex];

da=new OleDbDataAdapter("select \* from custdetail where cust\_name='" + rowdata.Cells[0].Value.ToString() + "' AND cust\_address='" + rowdata.Cells[1].Value.ToString() + "' AND cust\_gst='" + rowdata.Cells[2].Value.ToString() + "'",con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.textBox13.Text = ds.Tables[0].Rows[0][0].ToString();

this.textBox1.Text = ds.Tables[0].Rows[0][1].ToString();

this.textBox2.Text = ds.Tables[0].Rows[0][2].ToString();

this.textBox3.Text = ds.Tables[0].Rows[0][3].ToString();

this.textBox4.Text = ds.Tables[0].Rows[0][4].ToString();

this.textBox5.Text = ds.Tables[0].Rows[0][5].ToString();

this.textBox6.Text = ds.Tables[0].Rows[0][6].ToString();

this.textBox7.Text = ds.Tables[0].Rows[0][7].ToString();

this.textBox8.Text = ds.Tables[0].Rows[0][8].ToString();

this.textBox9.Text = ds.Tables[0].Rows[0][9].ToString();

this.textBox10.Text = ds.Tables[0].Rows[0][10].ToString();

this.textBox11.Text = ds.Tables[0].Rows[0][11].ToString();

this.textBox12.Text = ds.Tables[0].Rows[0][12].ToString();

}

}

this.dataGridView1.DataSource = "";

}

private void textBox3\_KeyPress(object sender, KeyPressEventArgs e)

{

number\_only(sender, e);

}

private void textBox4\_KeyPress(object sender, KeyPressEventArgs e)

{

number\_only(sender, e);

}

private void textBox5\_KeyPress(object sender, KeyPressEventArgs e)

{

number\_only(sender, e);

}

private void textBox8\_TextChanged(object sender, EventArgs e)

{

this.textBox8.Text = this.textBox8.Text.ToUpper();

this.textBox8.SelectionStart = this.textBox8.Text.Length;

}

public void number\_only(object sender, KeyPressEventArgs e)

{

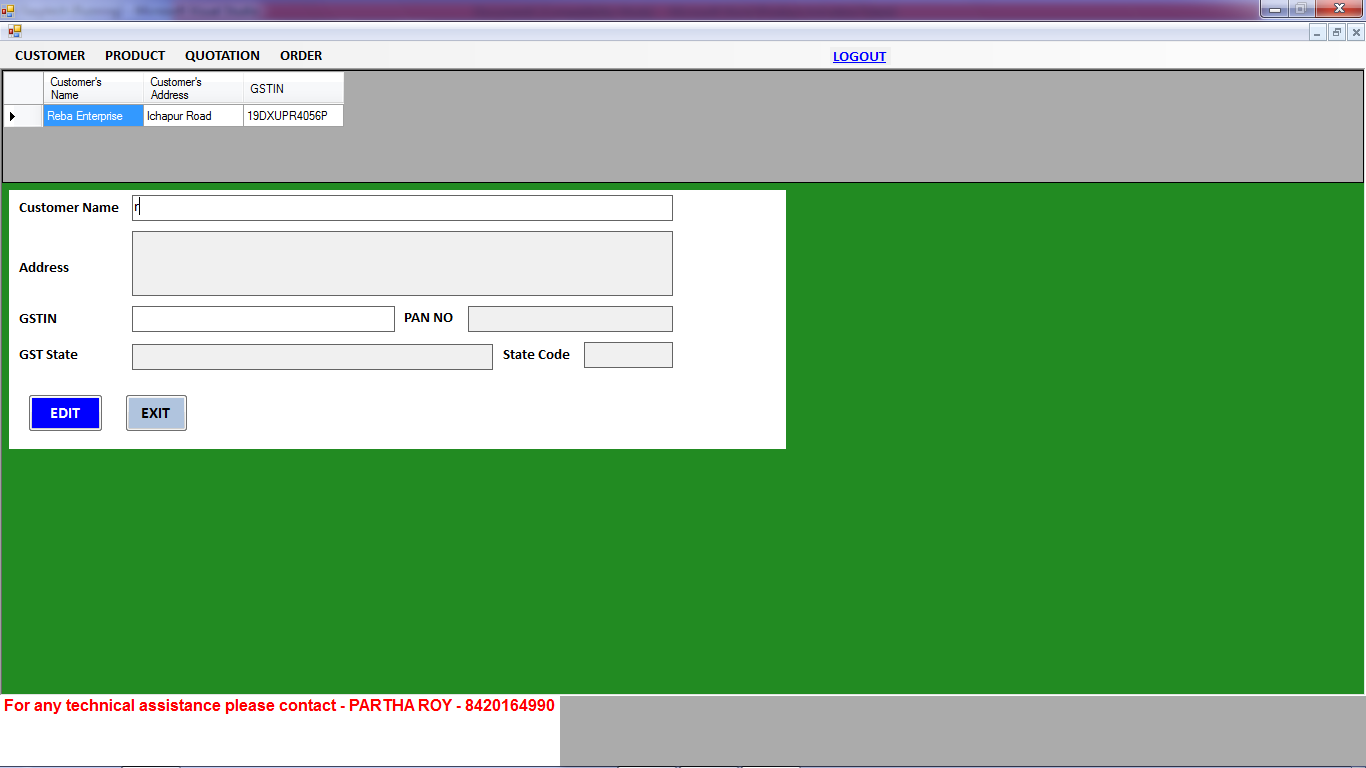
if (!char.IsControl(e.KeyChar) && !char.IsDigit(e.KeyChar)) {e.Handled = true;MessageBox.Show("Enter number only.");}

}

}

}

**Design and Code for Form10.cs (Edit GST NO)**



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.OleDb;

namespace Easytech

{

public partial class Form10 : Form

{

OleDbConnection con = new OleDbConnection();

OleDbCommand com;

OleDbDataAdapter da;

OleDbDataAdapter da1;

DataSet ds;

public Form10()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

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

{

if (this.textBox7.Text=="") MessageBox.Show("Your system is unable edit.");

else if (this.textBox3.Text != "" && this.textBox3.Text.Length != 15) MessageBox.Show("Please enter valid GST NO.");

else

{

DialogResult dialog = MessageBox.Show("Do you want to edit ?", "EDit GSTIN", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes)

{

if (this.textBox3.Text != "")

{

da = new OleDbDataAdapter("SELECT \* FROM custdetail WHERE cust\_gst='" + this.textBox3.Text + "'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0) MessageBox.Show("The GSTIN is already exist. Please check it.");

else

{

con.Open();

com = new OleDbCommand("UPDATE custdetail SET cust\_gst='" + this.textBox3.Text + "',cust\_pan='" + this.textBox4.Text + "',gst\_state='" + this.textBox5.Text + "',state\_code='" + this.textBox6.Text + "' WHERE cust\_no=" + this.textBox7.Text + "", con);

com.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record edited successfully.");

}

}

else MessageBox.Show("Please enter GST NO.");

}

}

}

private void button2\_Click(object sender, EventArgs e)

{

DialogResult dialog = MessageBox.Show("Do you want to exit ?", "Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes) this.Close();

}

private void textBox1\_KeyUp(object sender, KeyEventArgs e)

{

if (this.textBox1.Text == "") this.dataGridView1.DataSource = "";

else

{

da = new OleDbDataAdapter("SELECT cust\_name,cust\_address,cust\_gst FROM custdetail WHERE cust\_name LIKE '" + this.textBox1.Text + "%'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.dataGridView1.DataSource = ds.Tables[0];

this.dataGridView1.Columns[0].HeaderText = "Customer's Name";

this.dataGridView1.Columns[1].HeaderText = "Customer's Address";

this.dataGridView1.Columns[2].HeaderText = "GSTIN";

}

else this.dataGridView1.DataSource = "";

}

}

private void dataGridView1\_CellClick(object sender, DataGridViewCellEventArgs e)

{

if (e.RowIndex >= 0)

{

DataGridViewRow rowdata = this.dataGridView1.Rows[e.RowIndex];

da = new OleDbDataAdapter("SELECT cust\_no,cust\_name,cust\_address,cust\_gst,cust\_pan,gst\_state,state\_code FROM custdetail WHERE cust\_name='" + rowdata.Cells[0].Value.ToString() + "' AND cust\_address='" + rowdata.Cells[1].Value.ToString() + "' AND cust\_gst='" + rowdata.Cells[2].Value.ToString() + "'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.textBox7.Text = ds.Tables[0].Rows[0][0].ToString();

this.textBox1.Text = ds.Tables[0].Rows[0][1].ToString();

this.textBox2.Text = ds.Tables[0].Rows[0][2].ToString();

this.textBox3.Text = ds.Tables[0].Rows[0][3].ToString();

this.textBox4.Text = ds.Tables[0].Rows[0][4].ToString();

this.textBox5.Text = ds.Tables[0].Rows[0][5].ToString();

this.textBox6.Text = ds.Tables[0].Rows[0][6].ToString();

}

}

this.dataGridView1.DataSource="";

}

private void textBox3\_TextChanged(object sender, EventArgs e)

{

this.textBox3.Text = this.textBox3.Text.ToUpper();

this.textBox3.SelectionStart = this.textBox3.Text.Length;

}

private void textBox3\_Leave(object sender, EventArgs e)

{

if (this.textBox3.Text == "") { this.textBox4.Text = ""; this.textBox5.Text = ""; this.textBox6.Text = ""; }

else if (this.textBox3.Text.Length == 15)

{

switch (this.textBox3.Text.Substring(0, 2))

{

case "35": this.textBox5.Text = "Andaman and Nicobar Islands"; this.textBox6.Text = "35"; break;

case "37": this.textBox5.Text = "Andhra Pradesh (New)"; this.textBox6.Text = "37"; break;

case "28": this.textBox5.Text = "Andhra Pradesh (Old)"; this.textBox6.Text = "28"; break;

case "12": this.textBox5.Text = "Arunachal Pradesh"; this.textBox6.Text = "12"; break;

case "18": this.textBox5.Text = "Assam"; this.textBox6.Text = "18"; break;

case "10": this.textBox5.Text = "Bihar"; this.textBox6.Text = "10"; break;

case "04": this.textBox5.Text = "Chandigarh"; this.textBox6.Text = "04"; break;

case "22": this.textBox5.Text = "Chhattisgarh"; this.textBox6.Text = "22"; break;

case "26": this.textBox5.Text = "Dadra and Nagar Haveli"; this.textBox6.Text = "26"; break;

case "25": this.textBox5.Text = "Daman and Diu"; this.textBox6.Text = "25"; break;

case "07": this.textBox5.Text = "Delhi"; this.textBox6.Text = "07"; break;

case "30": this.textBox5.Text = "Goa"; this.textBox6.Text = "30"; break;

case "24": this.textBox5.Text = "Gujarat"; this.textBox6.Text = "24"; break;

case "06": this.textBox5.Text = "Haryana"; this.textBox6.Text = "06"; break;

case "01": this.textBox5.Text = "Himachal Pradesh"; this.textBox6.Text = "01"; break;

case "02": this.textBox5.Text = "Jammu and Kashmir"; this.textBox6.Text = "02"; break;

case "20": this.textBox5.Text = "Jharkhand"; this.textBox6.Text = "20"; break;

case "29": this.textBox5.Text = "Karnataka"; this.textBox6.Text = "29"; break;

case "32": this.textBox5.Text = "Kerala"; this.textBox6.Text = "32"; break;

case "31": this.textBox5.Text = "Lakshadweep"; this.textBox6.Text = "31"; break;

case "23": this.textBox5.Text = "Madhya Pradesh"; this.textBox6.Text = "23"; break;

case "27": this.textBox5.Text = "Maharashtra"; this.textBox6.Text = "27"; break;

case "14": this.textBox5.Text = "Manipur"; this.textBox6.Text = "14"; break;

case "17": this.textBox5.Text = "Meghalaya"; this.textBox6.Text = "17"; break;

case "15": this.textBox5.Text = "Mizoram"; this.textBox6.Text = "15"; break;

case "13": this.textBox5.Text = "Nagaland"; this.textBox6.Text = "13"; break;

case "21": this.textBox5.Text = "Odisha"; this.textBox6.Text = "21"; break;

case "34": this.textBox5.Text = "Puduchery"; this.textBox6.Text = "34"; break;

case "03": this.textBox5.Text = "Punjab"; this.textBox6.Text = "03"; break;

case "08": this.textBox5.Text = "Rajasthan"; this.textBox6.Text = "08"; break;

case "11": this.textBox5.Text = "Sikkim"; this.textBox6.Text = "11"; break;

case "33": this.textBox5.Text = "Tamil Nadu"; this.textBox6.Text = "33"; break;

case "36": this.textBox5.Text = "Telangana"; this.textBox6.Text = "36"; break;

case "16": this.textBox5.Text = "Tripura"; this.textBox6.Text = "16"; break;

case "09": this.textBox5.Text = "Uttar Pradesh"; this.textBox6.Text = "09"; break;

case "05": this.textBox5.Text = "Uttarakhand"; this.textBox6.Text = "05"; break;

case "19": this.textBox5.Text = "West Bengal"; this.textBox6.Text = "19"; break;

}

this.textBox4.Text = this.textBox3.Text.Substring(2, 10);

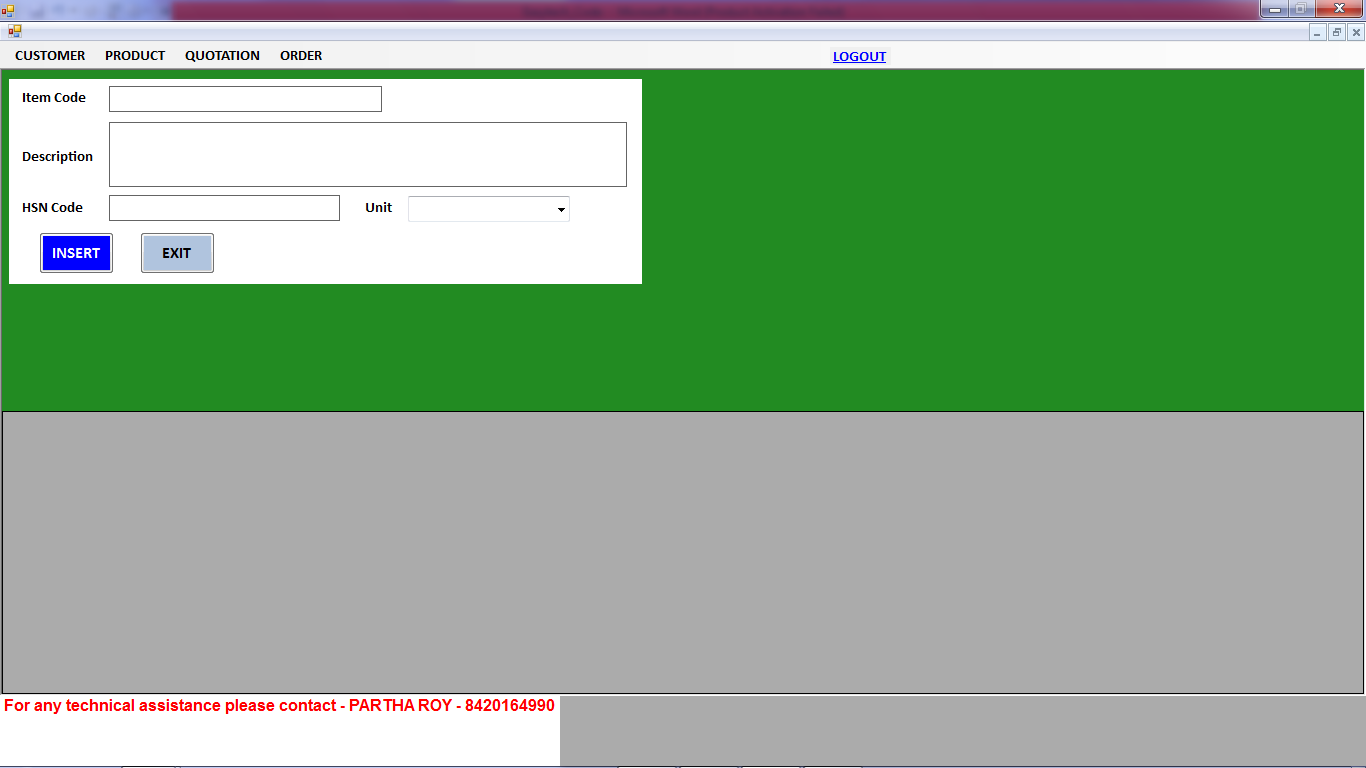
}

else MessageBox.Show("Please enter valid GST NO.");

}

**4. Product Portion :-**

**Design and Code for Form3.cs (New Product Entry)**



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.OleDb;

namespace Easytech

{

public partial class Form3 : Form

{

OleDbConnection con = new OleDbConnection();

OleDbCommand com;

OleDbCommand com1;

OleDbDataAdapter da;

OleDbDataAdapter da1;

DataSet ds;

public Form3()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

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

{

if(this.textBox1.Text=="") MessageBox.Show("Enter Item Code.");

else if (this.textBox2.Text=="") MessageBox.Show("Enter Description.");

else if (this.textBox3.Text=="") MessageBox.Show("Enter HSN Code.");

else if (this.comboBox1.Text=="") MessageBox.Show("Select unit.");

else

{

DialogResult dialog=MessageBox.Show("Do you want to insert ?","Insert",MessageBoxButtons.YesNo,MessageBoxIcon.Question);

if(dialog==DialogResult.Yes)

{

da = new OleDbDataAdapter("SELECT \* FROM product WHERE item\_code='" + this.textBox1.Text + "'", con);

ds = new DataSet();

da.Fill(ds, "code");

if (ds.Tables["code"].Rows.Count > 0) MessageBox.Show("This Quotation No is already exist.");

else

{

string sql = "INSERT INTO product(item\_code,descrip,hsn,unit) VALUES('" + this.textBox1.Text + "','" + this.textBox2.Text + "','" + this.textBox3.Text + "','" + this.comboBox1.Text + "')";

con.Open();

com = new OleDbCommand(sql, con);

com.ExecuteNonQuery();

con.Close();

da1 = new OleDbDataAdapter("SELECT item\_code,descrip,hsn,unit FROM product", con);

product();

MessageBox.Show("Record inserted successfully");

this.textBox1.Text = "";

this.textBox2.Text = "";

this.textBox3.Text = "";

this.comboBox1.Text = "";

this.textBox1.Select();

}

}

}

}

private void button2\_Click(object sender, EventArgs e)

{

DialogResult dialog = MessageBox.Show("Do you want to exit ?", "Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes) this.Close();

}

private void textBox1\_KeyUp(object sender, KeyEventArgs e)

{

if (this.textBox1.Text == "") this.dataGridView1.DataSource = "";

else

{

da1 = new OleDbDataAdapter("SELECT item\_code,descrip,hsn,unit FROM product WHERE item\_code LIKE '" + this.textBox1.Text + "%'", con);

product();

}

}

public void product()

{

ds = new DataSet();

da1.Fill(ds, "product");

if (ds.Tables["product"].Rows.Count > 0)

{

this.dataGridView1.DataSource = ds.Tables["product"];

this.dataGridView1.Columns[0].HeaderText = "Item Code";

this.dataGridView1.Columns[1].HeaderText = "Description";

this.dataGridView1.Columns[2].HeaderText = "HSN Code";

this.dataGridView1.Columns[3].HeaderText = "Unit";

}

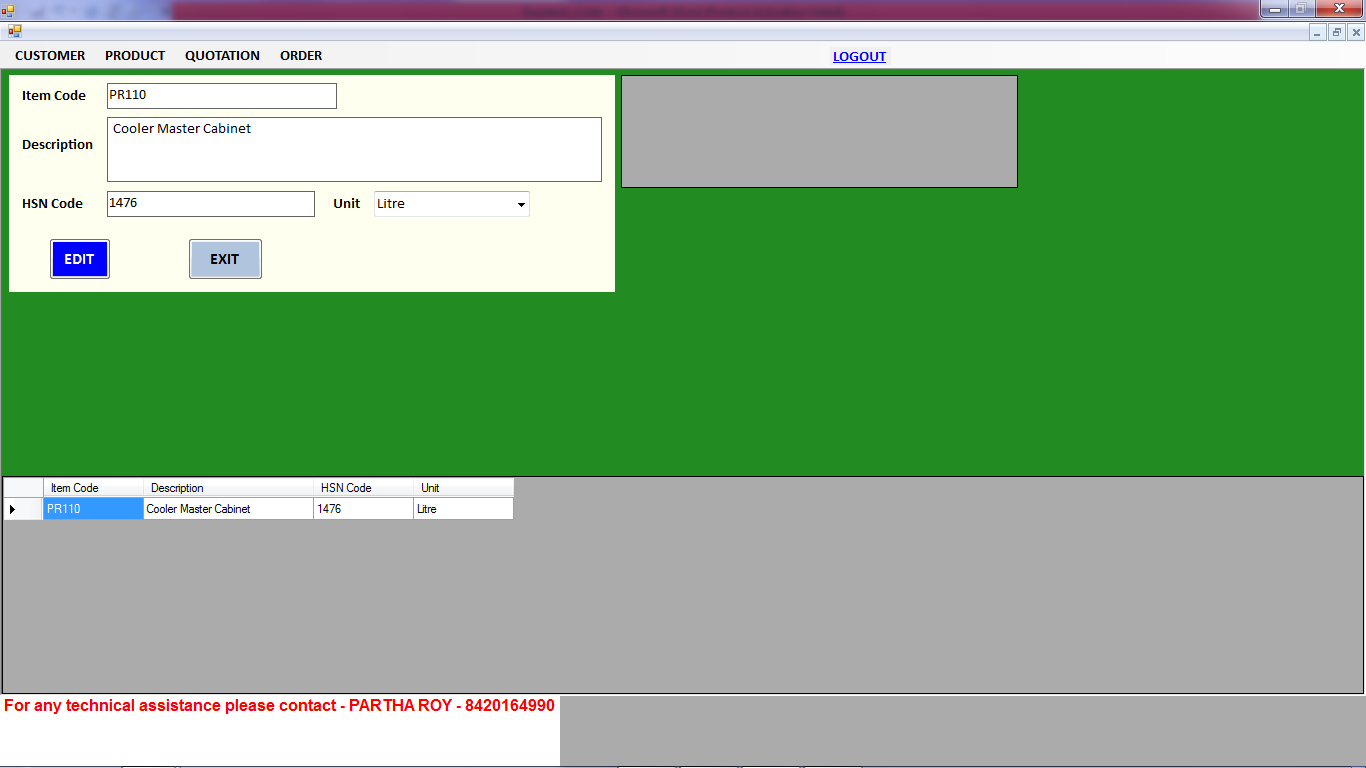
else this.dataGridView1.DataSource = "";

}

}

}

**Design and Code for Form4.cs (Search Product)**



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.OleDb;

namespace Easytech

{

public partial class Form4 : Form

{

OleDbConnection con = new OleDbConnection();

OleDbCommand com;

OleDbCommand com1;

OleDbDataAdapter da;

OleDbDataAdapter da1;

DataSet ds;

public Form4()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

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

{

if (this.textBox4.Text == "") MessageBox.Show("Your system is unable to edit.");

else

{

DialogResult dialog = MessageBox.Show("Do you want to edit ?", "Edit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if(dialog==DialogResult.Yes)

{

string sql = "UPDATE product SET descrip='" + this.textBox2.Text + "',hsn='" + this.textBox3.Text + "',unit='" + this.comboBox1.Text + "' WHERE item\_no=" + this.textBox4.Text + "";

con.Open();

com = new OleDbCommand(sql, con);

com.ExecuteNonQuery();

con.Close();

da = new OleDbDataAdapter("SELECT item\_code,descrip,hsn,unit FROM product WHERE item\_no=" + this.textBox4.Text + "", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.dataGridView2.DataSource = ds.Tables[0];

this.dataGridView2.Columns[0].HeaderText = "Item Code";

this.dataGridView2.Columns[1].HeaderText = "Description";

this.dataGridView2.Columns[2].HeaderText = "HSN Code";

this.dataGridView2.Columns[3].HeaderText = "Unit";

}

}

}

}

private void button2\_Click(object sender, EventArgs e)

{

DialogResult dialog = MessageBox.Show("Do you want to exit?", "Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes) this.Close();

}

private void textBox1\_KeyUp(object sender, KeyEventArgs e)

{

if (this.textBox1.Text == "") this.dataGridView1.DataSource = "";

else

{

da = new OleDbDataAdapter("SELECT item\_code,descrip FROM product WHERE item\_code LIKE '" + this.textBox1.Text + "%'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.dataGridView1.DataSource = ds.Tables[0];

this.dataGridView1.Columns[0].HeaderText = "Item Code";

this.dataGridView1.Columns[1].HeaderText = "Description";

}

else this.dataGridView1.DataSource = "";

}

}

private void dataGridView1\_CellClick(object sender, DataGridViewCellEventArgs e)

{

if (e.RowIndex >= 0)

{

DataGridViewRow rowdata = this.dataGridView1.Rows[e.RowIndex];

da = new OleDbDataAdapter("SELECT \* FROM product WHERE item\_code='" + rowdata.Cells[0].Value.ToString() + "'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.textBox4.Text = ds.Tables[0].Rows[0][0].ToString();

this.textBox1.Text = ds.Tables[0].Rows[0][1].ToString();

this.textBox2.Text = ds.Tables[0].Rows[0][2].ToString();

this.textBox3.Text = ds.Tables[0].Rows[0][3].ToString();

this.comboBox1.Text = ds.Tables[0].Rows[0][4].ToString();

}

}

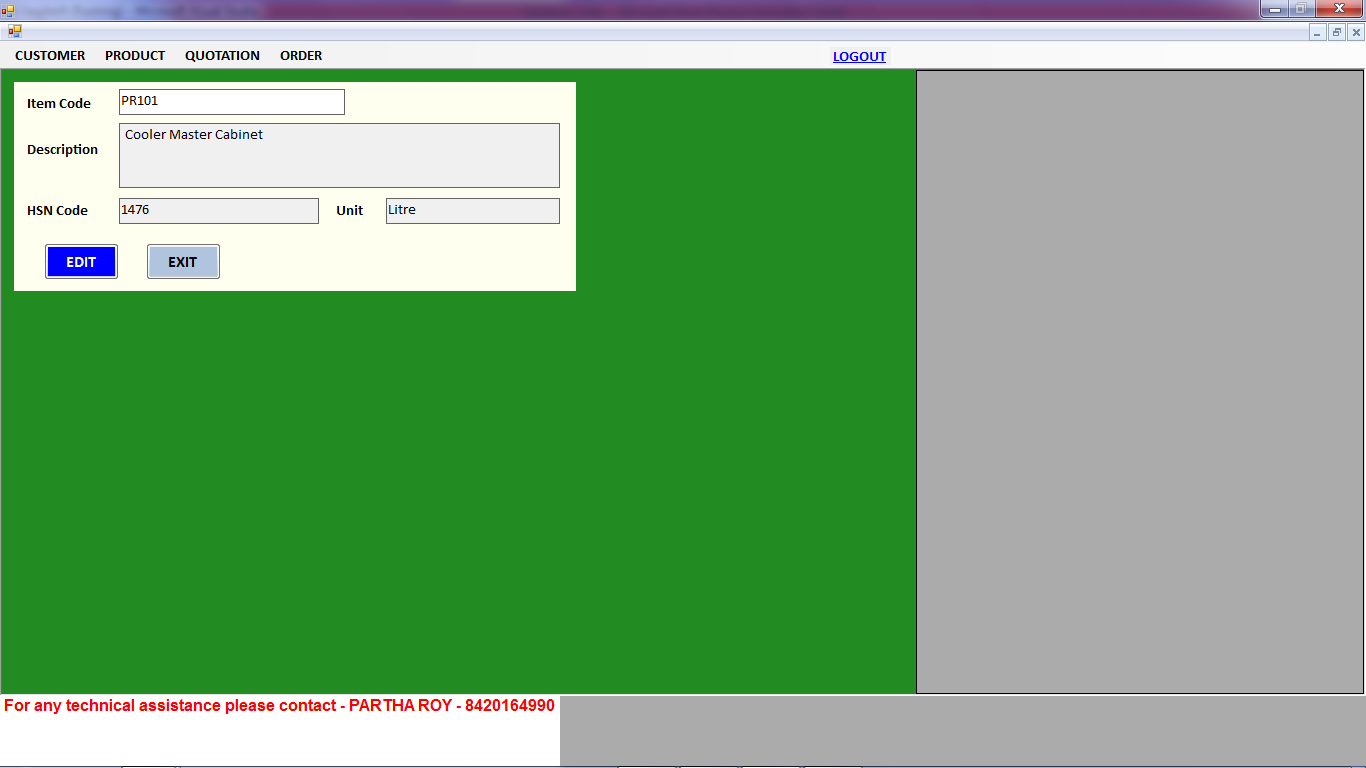
this.dataGridView1.DataSource = "";

}

}

}

**Design and Code for Form5.cs (Edit Item Code)**



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.OleDb;

namespace Easytech

{

public partial class Form5 : Form

{

OleDbConnection con = new OleDbConnection();

OleDbCommand com;

OleDbDataAdapter da;

DataSet ds;

public Form5()

{

InitializeComponent();

con.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0; Data Source=techeasy.accdb; Jet OLEDB:Database Password=1234;";

}

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

{

if (this.textBox5.Text == "") MessageBox.Show("Your system is unable edit.");

else

{

DialogResult dialog = MessageBox.Show("Do you want to edit ?", "EDit Item Code", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes)

{

da = new OleDbDataAdapter("SELECT \* FROM product WHERE item\_code='" + this.textBox1.Text + "'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0) MessageBox.Show("This Item Code is already exist. Please check it.");

else

{

con.Open();

com = new OleDbCommand("UPDATE product SET item\_code='" + this.textBox1.Text + "' WHERE item\_no=" + this.textBox5.Text + "", con);

com.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record edited successfully.");

}

}

}

}

private void button2\_Click(object sender, EventArgs e)

{

DialogResult dialog = MessageBox.Show("Do you want to exit ?", "Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dialog == DialogResult.Yes) this.Close();

}

private void textBox1\_KeyUp(object sender, KeyEventArgs e)

{

if (this.textBox1.Text == "") this.dataGridView1.DataSource = "";

else

{

da = new OleDbDataAdapter("SELECT item\_code,descrip,hsn FROM product WHERE item\_code LIKE '" + this.textBox1.Text + "%'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.dataGridView1.DataSource = ds.Tables[0];

this.dataGridView1.Columns[0].HeaderText = "Item Code";

this.dataGridView1.Columns[1].HeaderText = "Description";

this.dataGridView1.Columns[2].HeaderText = "HSN Code";

}

else this.dataGridView1.DataSource = "";

}

}

private void dataGridView1\_CellClick(object sender, DataGridViewCellEventArgs e)

{

if (e.RowIndex >= 0)

{

DataGridViewRow rowdata = this.dataGridView1.Rows[e.RowIndex];

da = new OleDbDataAdapter("SELECT \* FROM product WHERE item\_code='" + rowdata.Cells[0].Value.ToString() + "'", con);

ds = new DataSet();

da.Fill(ds);

if (ds.Tables[0].Rows.Count > 0)

{

this.textBox5.Text = ds.Tables[0].Rows[0][0].ToString();

this.textBox1.Text = ds.Tables[0].Rows[0][1].ToString();

this.textBox2.Text = ds.Tables[0].Rows[0][2].ToString();

this.textBox3.Text = ds.Tables[0].Rows[0][3].ToString();

this.textBox4.Text = ds.Tables[0].Rows[0][4].ToString();

}

}

this.dataGridView1.DataSource = "";

}

}

}