**Doctor form**

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 static Medical\_watch\_management\_program.Home;

namespace Medical\_watch\_management\_program

{

public partial class doctor : UserControl

{

public doctor()

{

InitializeComponent();

}

public connect\_with\_sql c=new connect\_with\_sql();

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

{

dataGridView1.DataSource = c.GetDataTable("select \*from doctor");

}

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

{

c.execut\_qurey("insert into doctor values(" + id.Text + ",'" + fisrt\_name.Text + "','"+last\_name.Text+"','"+gender.Text+"','"+specialization.Text+"')") ;

dataGridView1.DataSource = c.GetDataTable("select \*from doctor");

}

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

{

c.execut\_qurey("update doctor set fisrt\_name='" + fisrt\_name.Text + "',last\_name='" + last\_name.Text+ "',gender='" + gender.Text+ "',specialization='" + specialization.Text+"' where id="+id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from doctor");

}

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

{

c.execut\_qurey("delete from doctor where id="+id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from doctor");

}

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

{

if(textserach.Text.Length > 0)

{

dataGridView1.DataSource = c.GetDataTable("select \*from doctor where id="+textserach.Text+"");

}

else

{

dataGridView1.DataSource = c.GetDataTable("select \*from doctor");

}

}

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

{

id.Text = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();

fisrt\_name.Text = dataGridView1.SelectedRows[0].Cells[1].Value.ToString();

last\_name.Text = dataGridView1.SelectedRows[0].Cells[2].Value.ToString();

gender.Text = dataGridView1.SelectedRows[0].Cells[3].Value.ToString();

specialization.Text = dataGridView1.SelectedRows[0].Cells[4].Value.ToString();

}

}

}

**Nurse Form**

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 static Medical\_watch\_management\_program.Home;

namespace Medical\_watch\_management\_program

{

public partial class nurse : UserControl

{

public nurse()

{

InitializeComponent();

}

public connect\_with\_sql c = new connect\_with\_sql();

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

{

c.execut\_qurey("insert into nurse values(" + id.Text + ",'" + fisrt\_name.Text + "','" + last\_name.Text + "','" + gender.Text + "' )");

dataGridView1.DataSource = c.GetDataTable("select \*from nurse");

}

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

{

dataGridView1.DataSource = c.GetDataTable("select \*from nurse");

}

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

{

c.execut\_qurey("update nurse set fisrt\_name='" + fisrt\_name.Text + "',last\_name='" + last\_name.Text + "',gender='" + gender.Text + "' where id=" + id.Text + "");

dataGridView1.DataSource = c.GetDataTable("select \*from nurse");

}

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

{

c.execut\_qurey("delete from nurse where id=" + id.Text + "");

dataGridView1.DataSource = c.GetDataTable("select \*from nurse");

}

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

{

id.Text = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();

fisrt\_name.Text = dataGridView1.SelectedRows[0].Cells[1].Value.ToString();

last\_name.Text = dataGridView1.SelectedRows[0].Cells[2].Value.ToString();

gender.Text = dataGridView1.SelectedRows[0].Cells[3].Value.ToString();

}

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

{

if (textserach.Text.Length > 0)

{

dataGridView1.DataSource = c.GetDataTable("select \*from nurse where id=" + textserach.Text + "");

}

else

{

dataGridView1.DataSource = c.GetDataTable("select \*from nurse");

}

}

}

}

**Coding Form**

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 static Medical\_watch\_management\_program.Home;

namespace Medical\_watch\_management\_program

{

public partial class Coding : UserControl

{

public Coding()

{

InitializeComponent();

}

public connect\_with\_sql c = new connect\_with\_sql();

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

{

dataGridView1.DataSource = c.GetDataTable("select \*from coding");

}

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

{

c.execut\_qurey("insert into coding values(" + id.Text+",'"+code\_nurse.Text+"',"+id\_nurse.Text+",'"+name\_nurse.Text+"','"+code\_doctor.Text+"', "+id\_doctor.Text+",'"+name\_doctor.Text+"')");

dataGridView1.DataSource = c.GetDataTable("select \*from coding");

}

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

{

c.execut\_qurey("update coding set code\_nurse='" + code\_nurse.Text + "',id\_nurse=" + id\_nurse.Text + ",name\_nurse='" + name\_nurse.Text + "', code\_doctor='" + code\_doctor.Text + "',id\_doctor=" + id\_doctor.Text+",name\_doctor='" + name\_doctor.Text + "' where id="+id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from coding");

}

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

{

c.execut\_qurey("delete from coding where id="+id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from coding");

}

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

{

if (textserach.Text.Length > 0)

{

dataGridView1.DataSource = c.GetDataTable("select \*from coding where id=" + textserach.Text + "");

}

else

{

dataGridView1.DataSource = c.GetDataTable("select \*from coding");

}

}

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

{

id.Text = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();

code\_nurse.Text = dataGridView1.SelectedRows[0].Cells[1].Value.ToString();

id\_nurse.Text = dataGridView1.SelectedRows[0].Cells[2].Value.ToString();

name\_nurse.Text = dataGridView1.SelectedRows[0].Cells[3].Value.ToString();

code\_doctor.Text = dataGridView1.SelectedRows[0].Cells[4].Value.ToString();

id\_doctor.Text = dataGridView1.SelectedRows[0].Cells[5].Value.ToString();

name\_doctor.Text = dataGridView1.SelectedRows[0].Cells[6].Value.ToString();

}

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

{

if (serachdoctor.Text.Trim().Length > 0)

{

DataTable dt=c.GetDataTable("select id\_doctor from coding where code\_doctor='" + serachdoctor.Text + "'");

if(dt.Rows.Count > 0)

{

DataRow dr = dt.Rows[0];

dataGridView1.DataSource = c.GetDataTable("select \*from doctor where id=" + dr[0].ToString() + "");

}

}

else

{

dataGridView1.DataSource = c.GetDataTable("select \*from coding");

}

}

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

{

if (serachnurse.Text.Trim().Length > 0)

{

DataTable dt = c.GetDataTable("select id\_nurse from coding where code\_nurse='" + serachnurse.Text + "'");

if (dt.Rows.Count > 0)

{

DataRow dr = dt.Rows[0];

dataGridView1.DataSource = c.GetDataTable("select \*from nurse where id=" + dr[0].ToString() + "");

}

}

else

{

dataGridView1.DataSource = c.GetDataTable("select \*from coding");

}

}

}

}

**User form**

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 static Medical\_watch\_management\_program.Home;

namespace Medical\_watch\_management\_program

{

public partial class users : UserControl

{

public users()

{

InitializeComponent();

}

public connect\_with\_sql c = new connect\_with\_sql();

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

{

dataGridView1.DataSource = c.GetDataTable("select \*from users");

}

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

{

c.execut\_qurey("insert into users values("+id.Text+", '"+name.Text+"','"+username.Text+"','"+password.Text+"')");

dataGridView1.DataSource = c.GetDataTable("select \*from users");

}

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

{

c.execut\_qurey("update users set name='" + name.Text + "',username='" + username.Text + "',password='" + password.Text + "' where id="+id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from users");

}

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

{

if (textserach.Text.Length > 0)

{

dataGridView1.DataSource = c.GetDataTable("select \*from users where id=" + textserach.Text + "");

}

else

{

dataGridView1.DataSource = c.GetDataTable("select \*from users");

}

}

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

{

id.Text = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();

name.Text = dataGridView1.SelectedRows[0].Cells[1].Value.ToString();

username.Text = dataGridView1.SelectedRows[0].Cells[2].Value.ToString();

password.Text = dataGridView1.SelectedRows[0].Cells[3].Value.ToString();

}

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

{

c.execut\_qurey("delete from users where id="+id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from users");

}

}

}

**mergency\_watch Form**

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 static Medical\_watch\_management\_program.Home;

namespace Medical\_watch\_management\_program

{

public partial class mergency\_watch : UserControl

{

public mergency\_watch()

{

InitializeComponent();

}

public connect\_with\_sql c = new connect\_with\_sql();

private void mergency\_watch\_Load(object sender, EventArgs e)

{

dataGridView1.DataSource = c.GetDataTable("select \*from mergency\_watch");

}

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

{

c.execut\_qurey("insert into mergency\_watch values(" + id.Text + ",'" + code\_nurse.Text + "'," + code\_doctor.Text + ",'" + id\_nurse.Text + "','" + id\_doctor.Text + "','12:00AM', '8:00AM','2 Hours','"+ Emergency\_call .Text+ "')");

dataGridView1.DataSource = c.GetDataTable("select \*from mergency\_watch");

}

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

{

c.execut\_qurey("update mergency\_watch set code\_nuser='" + code\_nurse.Text+"',code\_doctor='" + code\_doctor.Text + "',id\_nurse=" + id\_nurse.Text + ",id\_doctor=" + id\_doctor.Text + ",Emergency\_call='" + Emergency\_call.Text + "' where id="+id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from mergency\_watch");

}

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

{

c.execut\_qurey("delete from mergency\_watch where id=" + id.Text+"");

dataGridView1.DataSource = c.GetDataTable("select \*from mergency\_watch");

}

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

{

if (textserach.Text.Length > 0)

{

dataGridView1.DataSource = c.GetDataTable("select \*from mergency\_watch where id=" + textserach.Text + "");

}

else

{

dataGridView1.DataSource = c.GetDataTable("select \*from mergency\_watch");

}

}

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

{

id.Text = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();

code\_nurse.Text = dataGridView1.SelectedRows[0].Cells[1].Value.ToString();

code\_doctor.Text = dataGridView1.SelectedRows[0].Cells[2].Value.ToString();

id\_nurse.Text = dataGridView1.SelectedRows[0].Cells[3].Value.ToString();

id\_doctor.Text = dataGridView1.SelectedRows[0].Cells[4].Value.ToString();

Emergency\_call.Text = dataGridView1.SelectedRows[0].Cells[8].Value.ToString();

}

}

}

**Home form**

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.OleDb;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace Medical\_watch\_management\_program

{

public partial class Home : Form

{

public Home()

{

InitializeComponent();

}

public class connect\_with\_sql

{

public SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|watch\_management .mdf;Integrated Security=True");

public SqlCommand cmd = new SqlCommand();

public DataTable GetDataTable(string qurey = "")

{

con.Open();

cmd = new SqlCommand(qurey, con);

cmd.ExecuteNonQuery();

DataTable dt = new DataTable();

dt.Load(cmd.ExecuteReader());

con.Close();

return dt;

}

public void execut\_qurey(string qurey, string message = "")

{

con.Open();

cmd = new SqlCommand(qurey, con);

cmd.ExecuteNonQuery();

con.Close();

if (message != "")

MessageBox.Show(message);

}

}

private void move\_from(UserControl user\_conter)

{

user\_conter.Dock = DockStyle.Fill;

panelshow.Controls.Clear();

user\_conter.Width = panelshow.Width;

panelshow.Controls.Add(user\_conter);

user\_conter.BringToFront();

}

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

{

}

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

{

nurse f = new nurse();

move\_from(f);

}

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

{

doctor f = new doctor();

move\_from(f);

}

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

{

Coding f = new Coding();

move\_from(f);

}

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

{

mergency\_watch f = new mergency\_watch();

move\_from(f);

}

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

{

users f = new users();

move\_from(f);

}

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

{

Application.Exit();

}

}

}

**Login Form**

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 static Medical\_watch\_management\_program.Home;

namespace Medical\_watch\_management\_program

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

connect\_with\_sql c = new connect\_with\_sql();

DataTable dt = c.GetDataTable("select username,password from users where username='" + textusername.Text + "' and password='" + textpassword.Text + "'");

if (dt.Rows.Count > 0)

{

Home f = new Home();

this.Hide();

f.Show();

}

else

{

MessageBox.Show("Error..!");

}

}

}

}