STUDENT MANAGEMENT APP

SUBMITTED BY

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INTRODUCTION

Student Management App is a database integrated project developed in Visual Studio 2010. This project mainly focuses on easing the process of management of student's information – both personal and academic info. This project has an intuitive graphical user interface which makes it easy and efficient to work with. The database used here is SQL Server which is a robust database engine that offers data recovery and other security measures.

CODING

mainFrm.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 StudentManagement
{
    public partial class mainFrm : Form
    {
        public mainFrm()
        {
            InitializeComponent();
        }

        private void mainFrm_FormClosing(Object sender, FormClosingEventArgs e)
        {
            //In case windows is trying to shut down, don't hold the process up
            if (e.CloseReason == CloseReason.WindowsShutDown) return;

            if (this.DialogResult == DialogResult.Cancel)
            {
                // Assume that X has been clicked and act accordingly.
                // Confirm user wants to close
                switch (MessageBox.Show(this, "Are you sure?", "Do you still want ...
?", MessageBoxButtons.YesNo, MessageBoxIcon.Question))
                {
                    //Stay on this form
                    case DialogResult.No:
                        e.Cancel = true;
                        break;
                    default:
                        break;
                }
            }
        }

        private void mainFrm_Load(object sender, EventArgs e)
        {
            //pictureBox1.Image = imageList1.Images[0];
        }

        private void infoBtn_Click(object sender, EventArgs e)
        {
            StdntPrsnlInfo frm = new StdntPrsnlInfo();
            frm.Show();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            StdntAcdmcInfo frm = new StdntAcdmcInfo();
            frm.Show();
```

```
        }

        private void mainFrm_FormClosing_1(object sender, FormClosingEventArgs e)
        {
            Application.Exit();
            // picbox.Image = imagelst.Images[0];
        }
    }
}
```

StdntPrsnlInfo.cs

```
using System;
using System.IO;
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 StudentManagement
{
    public partial class StdntPrsnlInfo : Form
    {
        public StdntPrsnlInfo()
        {
            InitializeComponent();
        }

        DataTable dt;

        private void button2_Click(object sender, EventArgs e)
        {
            //SqlConnection con = new SqlConnection(@"Data Source=LAPTOP-
V8DITO49\NKSQL;Initial Catalog=CollegeDB;Integrated Security=True");
            //SqlConnection con = new SqlConnection(@"Data Source=LAPTOP-
V8DITO49\NKSQL;Initial Catalog=CollegeDB;user id = nk; password=nk");
            SqlConnection con = new SqlConnection(@global.constr);
            //global.constr
            con.Open();
            SqlCommand cmd = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB", con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            String str = "";
            if (rollTxt.Text != "")
            {
                str += " RollNo='" + rollTxt.Text + "' AND";
```

```
            }
            if (phnTxt.Text != "")
            {
                str += " PhoneNo=" + phnTxt.Text + " AND";
            }
            if (DeptTxt.Text != "")
            {
                str += " Dept='" + DeptTxt.Text + "' AND";
            }
            if (nmeTxt.Text != "")
            {
                str += " SName='" + nmeTxt.Text + "'";
            }

            if (str.Substring(str.Length - 3, 3) == "AND")
                str = str.Substring(0, str.Length - 3);

            //MessageBox.Show(str);

            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            //SqlCommand cmd = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE
(@str)", con);
            SqlCommand cmd = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE
"+str, con);
            //cmd.Parameters.AddWithValue("@str", str);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            dt = new DataTable();
            da.Fill(dt);

            if (dt.Rows.Count == 0)
            {
                 MessageBox.Show(dt.Rows.Count.ToString() + " records found!!!");
            }


            dataGridView1.DataSource = dt;
            con.Close();

        }

        private void button5_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd = new SqlCommand("INSERT INTO StdntPrsnlInfoTB VALUES
(@roll,@nme,@dpt,@adhr,@phn,@mail)", con);
            cmd.Parameters.AddWithValue("@roll", addRollTxt.Text);
            cmd.Parameters.AddWithValue("@nme", addNmeTxt.Text);
            cmd.Parameters.AddWithValue("@dpt", addDeptTxt.Text);
            cmd.Parameters.AddWithValue("@adhr", Int64.Parse(addAdhrTxt.Text));
            cmd.Parameters.AddWithValue("@phn", Int64.Parse(addPhnTxt.Text));
            cmd.Parameters.AddWithValue("@mail", addMailTxt.Text);
            cmd.ExecuteNonQuery();
            SqlCommand cmd1 = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE
RollNo=@roll", con);
            cmd1.Parameters.AddWithValue("@roll", addRollTxt.Text);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView3.DataSource = dt;
            con.Close();
```

```
        addRollTxt.Clear();
        addNmeTxt.Clear();
        addMailTxt.Clear();
        addDeptTxt.Clear();
        addAdhrTxt.Clear();
        addPhnTxt.Clear();
    }

    private void tabGrp_SelectedIndexChanged(object sender, EventArgs e)
    {

    }

    private void button4_Click(object sender, EventArgs e)
    {
        String str = "";
        String wstr = "";
        String ustr = "";
        if (frollTxt.Text != "")
        {
            str += " RollNo='" + frollTxt.Text + "' AND";
        }
        if (fphnTxt.Text != "")
        {
            str += " PhoneNo=" + fphnTxt.Text + " AND";
        }
        if (fdeptTxt.Text != "")
        {
            str += " Dept='" + fdeptTxt.Text + "' AND";
        }
        if (fnmeTxt.Text != "")
        {
            str += " SName='" + fnmeTxt.Text + "'";
        }

        if (str.Substring(str.Length - 3, 3) == "AND")
            wstr = str.Substring(0, str.Length - 3);

        str = "";
        if (mmailTxt.Text != "")
        {
            str += " Email='" + mmailTxt.Text + "' AND";
        }
        if (mphnTxt.Text != "")
        {
            str += " PhoneNo=" + mphnTxt.Text + " AND";
        }
        if (mdeptTxt.Text != "")
        {
            str += " Dept='" + mdeptTxt.Text + "' AND";
        }
        if (mnmeTxt.Text != "")
        {
            str += " SName='" + mnmeTxt.Text + "' AND";
        }

        if (str.Substring(str.Length - 3, 3) == "AND")
            ustr = str.Substring(0, str.Length - 3);


        SqlConnection con = new SqlConnection(@global.constr);
        con.Open();
```

```
            SqlCommand cmd = new SqlCommand("UPDATE StdntPrsnlInfoTB SET "+ustr+"
WHERE "+wstr, con);
            cmd.ExecuteNonQuery();
            SqlCommand cmd1 = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE
RollNo=@roll", con);
            cmd1.Parameters.AddWithValue("@roll", frollTxt.Text);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView2.DataSource = dt;
            con.Close();
            //frollTxt.Clear();
            //fnmeTxt.Clear();
            //fdeptTxt.Clear();
            //fphnTxt.Clear();
            //mnmeTxt.Clear();
            //mmailTxt.Clear();
            //mdeptTxt.Clear();
            //mphnTxt.Clear();
        }

        private void button6_Click(object sender, EventArgs e)
        {
            String str = "";
            if (drollTxt.Text != "")
            {
                str += " RollNo='" + drollTxt.Text + "' AND";
            }
            if (dphnTxt.Text != "")
            {
                str += " PhoneNo=" + dphnTxt.Text + " AND";
            }
            if (ddeptTxt.Text != "")
            {
                str += " Dept='" + ddeptTxt.Text + "' AND";
            }
            if (dnmeTxt.Text != "")
            {
                str += " SName='" + dnmeTxt.Text + "'";
            }

            if (str.Substring(str.Length - 3, 3) == "AND")
                str = str.Substring(0, str.Length - 3);

            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd = new SqlCommand("DELETE FROM StdntPrsnlInfoTB WHERE " +
str, con);
            cmd.ExecuteNonQuery();
            SqlCommand cmd1 = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE
Dept=@dept", con);
            cmd1.Parameters.AddWithValue("@dept", ddeptTxt.Text);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView4.DataSource = dt;
            con.Close();
            MessageBox.Show("Deleted successfully!!!");

        }

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

```
        {
            String str = "";
            String wstr = "";
            if (frollTxt.Text != "")
            {
                str += " RollNo='" + frollTxt.Text + "' AND";
            }
            if (fphnTxt.Text != "")
            {
                str += " PhoneNo=" + fphnTxt.Text + " AND";
            }
            if (fdeptTxt.Text != "")
            {
                str += " Dept='" + fdeptTxt.Text + "' AND";
            }
            if (fnmeTxt.Text != "")
            {
                str += " SName='" + fnmeTxt.Text + "'";
            }

            if (str.Substring(str.Length - 3, 3) == "AND")
                wstr = str.Substring(0, str.Length - 3);
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd1 = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE
"+wstr, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView2.DataSource = dt;
            con.Close();
        }

        private void button2_Click_1(object sender, EventArgs e)
        {
            frollTxt.Clear();
            fnmeTxt.Clear();
            fdeptTxt.Clear();
            fphnTxt.Clear();
            mnmeTxt.Clear();
            mmailTxt.Clear();
            mdeptTxt.Clear();
            mphnTxt.Clear();
        }

        private void csvBtn_Click(object sender, EventArgs e)
        {
            //String str = "";
            //if (rollTxt.Text != "")
            //{
            //    str += " RollNo='" + rollTxt.Text + "' AND";
            //}
            //if (phnTxt.Text != "")
            //{
            //    str += " PhoneNo=" + phnTxt.Text + " AND";
            //}
            //if (DeptTxt.Text != "")
            //{
            //    str += " Dept='" + DeptTxt.Text + "' AND";
            //}
            //if (nmeTxt.Text != "")
            //{
```

```
            //    str += " SName='" + nmeTxt.Text + "'";
            //}

            //if (str.Substring(str.Length - 3, 3) == "AND")
            //    str = str.Substring(0, str.Length - 3);

            ////MessageBox.Show(str);

            //SqlConnection con = new SqlConnection(@"Data Source=LAPTOP-
V8DITO49\NKSQL;Initial Catalog=CollegeDB;Integrated Security=True");
            //con.Open();
            ////SqlCommand cmd = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE
(@str)", con);
            //SqlCommand cmd = new SqlCommand("SELECT * FROM StdntPrsnlInfoTB WHERE "
+ str, con);
            ////cmd.Parameters.AddWithValue("@str", str);
            //SqlDataAdapter da = new SqlDataAdapter(cmd);
            //dt = new DataTable();
            //da.Fill(dt);
            //string filename = SavefileDialog();
            Stream myStream;
            SaveFileDialog saveFileDialog1 = new SaveFileDialog();

            saveFileDialog1.Filter = "csv files (*.csv)|*.csv";
            saveFileDialog1.FilterIndex = 2;
            saveFileDialog1.RestoreDirectory = true;
            //String filename = saveFileDialog1.FileName;

            if (saveFileDialog1.ShowDialog() == DialogResult.OK)
            {
                //if ((myStream = saveFileDialog1.OpenFile()) != null)
                //{
                    //string mFolderName = "D:\\abcd.csv";

                    // Code to write the stream goes here.
                    //dt.ToCSV(mFolderName);

                    dt.ToCSV(saveFileDialog1.FileName);

                    //myStream.Close();
                //}
            }
            //dt.ToCSV(filename);
        }

        private void StdntPrsnlInfo_Load(object sender, EventArgs e)
        {

        }
    }
    public static class CSVUtlity {
        public static void ToCSV(this DataTable dtDataTable, string strFilePath)
        {
            StreamWriter sw = new StreamWriter(strFilePath, false);
            //headers
            for (int i = 0; i < dtDataTable.Columns.Count; i++)
            {
                sw.Write(dtDataTable.Columns[i]);
                if (i < dtDataTable.Columns.Count - 1)
                {
                    sw.Write(",");
                }
```

```
            }
            sw.Write(sw.NewLine);
            foreach (DataRow dr in dtDataTable.Rows)
            {
                for (int i = 0; i < dtDataTable.Columns.Count; i++)
                {
                    if (!Convert.IsDBNull(dr[i]))
                    {
                        string value = dr[i].ToString();
                        if (value.Contains(','))
                        {
                            value = String.Format("\"{0}\"", value);
                            sw.Write(value);
                        }
                        else
                        {
                            sw.Write(dr[i].ToString());
                        }
                    }
                    if (i < dtDataTable.Columns.Count - 1)
                    {
                        sw.Write(",");
                    }
                }
                sw.Write(sw.NewLine);
            }
            sw.Close();
        }
    }
}
```

StdntAcdmcInfo.cs

```
using System;
using System.IO;
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 StudentManagement
{
    public partial class StdntAcdmcInfo : Form
    {
        public StdntAcdmcInfo()
        {
            InitializeComponent();
        }

        DataTable dt;

        private void label31_Click(object sender, EventArgs e)
        {

        }
```

```
        private void crtExmBtn_Click(object sender, EventArgs e)
        {
            CrteExmFrm frm = new CrteExmFrm();
            frm.Show();
        }

        private void csvBtn_Click(object sender, EventArgs e)
        {
            SaveFileDialog saveFileDialog1 = new SaveFileDialog();

            saveFileDialog1.Filter = "csv files (*.csv)|*.csv";
            saveFileDialog1.FilterIndex = 2;
            saveFileDialog1.RestoreDirectory = true;
            //String filename = saveFileDialog1.FileName;

            if (saveFileDialog1.ShowDialog() == DialogResult.OK)
            {
                    dt.ToCSV(saveFileDialog1.FileName);
            }
        }

        private void allBtn_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@global.constr);
            var stra = "";
            //RollNo
            //Asc Name
            //Dsc Name
            //Incr Marks
            //Dcr Marks
            if (sortBox.GetItemText(sortBox.SelectedItem) == "Dcr Marks")
            {
                stra = " ORDER BY Sub1 DESC, Sub2 DESC, Sub3 DESC, Sub4 DESC, Sub5
DESC, Sub6 DESC, Sub7 DESC, Sub8 DESC, Sub9 DESC";
            } else if (sortBox.GetItemText(sortBox.SelectedItem) == "Incr Marks"){
                stra = " ORDER BY Sub1, Sub2, Sub3, Sub4, Sub5, Sub6, Sub7, Sub8,
Sub9";
            }
            else if (sortBox.GetItemText(sortBox.SelectedItem) == "RollNo")
            {
                stra = " ORDER BY RollNo";
            }
            //else if (sortBox.Text == "Asc Name")
            //{
            //    stra = " ORDER BY ";
            //}
            //else if (sortBox.Text == "Incr Marks")
            //{
            //    stra = " ORDER BY Sub1, Sub2, Sub3, Sub4, Sub5, Sub6, Sub7, Sub8,
Sub9";
            //}
            //global.constr
            con.Open();
            SqlCommand cmd = new SqlCommand("SELECT * FROM StdntAcdmcInfoTB"+stra,
con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }
```

```
        private void button5_Click(object sender, EventArgs e)
        {
            var roll = addRollTxt.Text;
            //var dept = addDeptTxt.Text;
            var dept = addDeptTxt.GetItemText(addDeptTxt.SelectedItem);
            var sem = addsemBox.GetItemText(addsemBox.SelectedItem);
            var exam = addExmTxt.Text;
            var sub1 = s1Num.Value;
            var sub2 = s2Num.Value;
            var sub3 = s3Num.Value;
            var sub4 = s4Num.Value;
            var sub5 = s5Num.Value;
            var sub6 = s6Num.Value;
            var sub7 = s7Num.Value;
            var sub8 = s8Num.Value;
            var sub9 = s9Num.Value;
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            //SqlCommand pre = new SqlCommand("SELECT SubNme FROM SubjectTB WHERE
Sem='"+sem+"' AND Dept='"+dept+"'");
            //SqlDataAdapter ds = new SqlDataAdapter(pre);
            //dt = new DataTable();
            //ds.Fill(dt);
            //foreach (DataRow dr in dt.Rows)
            //{

            //}

            /*
            if (dtRpt.Rows.Count == 0)
                return;

            if (dtRpt.Rows.Count > 0)
            {
                int i = 0;
                for (i = 0; i <= dtRpt.Rows.Count - 1; i++)
                {
                    mTotValCash = mTotValCash +
Convert.ToDecimal(dtRpt.Rows[i]["CASH"]);
                    mTotValCredit = mTotValCredit +
Convert.ToDecimal(dtRpt.Rows[i]["CREDIT"]);
                    mTotValCard = mTotValCard +
Convert.ToDecimal(dtRpt.Rows[i]["CARD"]);
                    mDisVal = mDisVal + Convert.ToDecimal(dtRpt.Rows[i]["DISCAMT"]);
                }
            }

             */
            //if (dt.Rows.Count == 6)
            //{
            //    s7Num.Enabled = false;
            //    s8Num.Enabled = false;
            //    s9Num.Enabled = false;
            //}
            //else if (dt.Rows.Count == 8)
            //{
            //    s9Num.Enabled = false;
            //}
            SqlCommand cmd = new SqlCommand("INSERT INTO StdntAcdmcInfoTB VALUES
(@roll,@dpt,@sem,@exam,@sub1,@sub2,@sub3,@sub4,@sub5,@sub6,@sub7,@sub8,@sub9)", con);
            cmd.Parameters.AddWithValue("@roll", roll);
```

```
            cmd.Parameters.AddWithValue("@dpt", dept);
            cmd.Parameters.AddWithValue("@sem", sem);
            cmd.Parameters.AddWithValue("@exam", exam);
            cmd.Parameters.AddWithValue("@sub1", sub1);
            cmd.Parameters.AddWithValue("@sub2", sub2);
            cmd.Parameters.AddWithValue("@sub3", sub3);
            cmd.Parameters.AddWithValue("@sub4", sub4);
            cmd.Parameters.AddWithValue("@sub5", sub5);
            cmd.Parameters.AddWithValue("@sub6", sub6);
            cmd.Parameters.AddWithValue("@sub7", sub7);
            cmd.Parameters.AddWithValue("@sub8", sub8);
            cmd.Parameters.AddWithValue("@sub9", sub9);
            cmd.ExecuteNonQuery();
            SqlCommand cmd1 = new SqlCommand("SELECT * FROM StdntAcdmcInfoTB WHERE
RollNo=@roll", con);
            cmd1.Parameters.AddWithValue("@roll", roll);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView3.DataSource = dt;
            con.Close();
            addRollTxt.Clear();
            //addExmTxt.Clear();
            addDeptTxt.Text = "";
            s1Num.Value = 0;
            s2Num.Value = 0;
            s3Num.Value = 0;
            s4Num.Value = 0;
            s5Num.Value = 0;
            s6Num.Value = 0;
            s7Num.Value = 0;
            s8Num.Value = 0;
            s9Num.Value = 0;
        }

        private void addDeptTxt_SelectedIndexChanged(object sender, EventArgs e)
        {
            var dept = addDeptTxt.GetItemText(addDeptTxt.SelectedItem);
            var sem = addsemBox.GetItemText(addsemBox.SelectedItem);
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand pre = new SqlCommand("SELECT SubNme FROM SubjectTB WHERE Sem='"
+ sem + "' AND Dept='" + dept + "' ORDER BY CCode",con);
            SqlDataAdapter ds = new SqlDataAdapter(pre);
            dt = new DataTable();
            ds.Fill(dt);
            for (int i = 0; i <= dt.Rows.Count - 1; i++)
            {

                if (i == 0)
                {
                    s1Num.Enabled = true;
                    string ele = dt.Rows[i][0].ToString();
                    if (ele.Length > 8)
                    {
                        var lst = ele.Split(' ');
                        ele = "";
                        if (lst.Length > 1)
                        {
                            foreach (var l in lst)
                            {
                                ele += l[0].ToString().ToUpper();
```

```
                }
            }
            else
            {
                ele = lst[0].ToString().Substring(0, 5);
            }
        }
        l1.Text = ele;
    }
    else if (i == 1)
    {
        s2Num.Enabled = true;
        string ele = dt.Rows[i][0].ToString();
        if (ele.Length > 8)
        {
            var lst = ele.Split(' ');
            ele = "";
            if (lst.Length > 1)
            {
                foreach (var l in lst)
                {
                    ele += l[0].ToString().ToUpper();
                }
            }
            else
            {
                ele = lst[0].ToString().Substring(0, 5);
            }
        }
        l2.Text = ele;
    }
    else if (i == 2)
    {
        s3Num.Enabled = true;
        string ele = dt.Rows[i][0].ToString();
        if (ele.Length > 8)
        {
            var lst = ele.Split(' ');
            ele = "";
            if (lst.Length > 1)
            {
                foreach (var l in lst)
                {
                    ele += l[0].ToString().ToUpper();
                }
            }
            else
            {
                ele = lst[0].ToString().Substring(0, 5);
            }
        }
        l3.Text = ele;
    }
    else if (i == 3)
    {
        s4Num.Enabled = true;
        string ele = dt.Rows[i][0].ToString();
        if (ele.Length > 8)
        {
            var lst = ele.Split(' ');
            ele = "";
            if (lst.Length > 1)
```

```
            {
                foreach (var l in lst)
                {
                    ele += l[0].ToString().ToUpper();
                }
            }
            else
            {
                ele = lst[0].ToString().Substring(0, 5);
            }
        }
        l4.Text = ele;
    }
    else if (i == 4)
    {
        s5Num.Enabled = true;
        string ele = dt.Rows[i][0].ToString();
        if (ele.Length > 8)
        {
            var lst = ele.Split(' ');
            ele = "";
            if (lst.Length > 1)
            {
                foreach (var l in lst)
                {
                    ele += l[0].ToString().ToUpper();
                }
            }
            else
            {
                ele = lst[0].ToString().Substring(0, 5);
            }
        }
        l5.Text = ele;
    }
    else if (i == 5)
    {
        s6Num.Enabled = true;
        string ele = dt.Rows[i][0].ToString();
        if (ele.Length > 8)
        {
            var lst = ele.Split(' ');
            ele = "";
            if (lst.Length > 1)
            {
                foreach (var l in lst)
                {
                    ele += l[0].ToString().ToUpper();
                }
            }
            else
            {
                ele = lst[0].ToString().Substring(0, 5);
            }
        }
        l6.Text = ele;
    }
    else if (i == 6)
    {
        s7Num.Enabled = true;
        string ele = dt.Rows[i][0].ToString();
        if (ele.Length > 8)
```

```
            {
                var lst = ele.Split(' ');
                ele = "";
                if (lst.Length > 1)
                {
                    foreach (var l in lst)
                    {
                        ele += l[0].ToString().ToUpper();
                    }
                }
                else
                {
                    ele = lst[0].ToString().Substring(0, 5);
                }
            }
            l7.Text = ele;
        }
        else if (i == 7)
        {
            s8Num.Enabled = true;
            string ele = dt.Rows[i][0].ToString();
            if (ele.Length > 8)
            {
                var lst = ele.Split(' ');
                ele = "";
                if (lst.Length > 1)
                {
                    foreach (var l in lst)
                    {
                        ele += l[0].ToString().ToUpper();
                    }
                }
                else
                {
                    ele = lst[0].ToString().Substring(0, 5);
                }
            }
            l8.Text = ele;
        }
        else if (i == 8)
        {
            s9Num.Enabled = true;
            string ele = dt.Rows[i][0].ToString();
            if (ele.Length > 8)
            {
                var lst = ele.Split(' ');
                ele = "";
                if (lst.Length > 1)
                {
                    foreach (var l in lst)
                    {
                        ele += l[0].ToString().ToUpper();
                    }
                }
                else
                {
                    ele = lst[0].ToString().Substring(0, 5);
                }
            }
            l9.Text = ele;
        }
    }
```

```
            con.Close();
        }

        private void addTab_Click(object sender, EventArgs e)
        {

        }

        private void StdntAcdmcInfo_Load(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand pre = new SqlCommand("SELECT Dept FROM DeptTB",con);
            SqlDataReader dr = pre.ExecuteReader();
            AutoCompleteStringCollection acs = new AutoCompleteStringCollection();
            while (dr.Read())
            {
                string da = dr[0].ToString();
                addDeptTxt.Items.Add(da);
                DeptTxt.Items.Add(da);
                fdeptTxt.Items.Add(da);
                ddeptTxt.Items.Add(da);
                //acs.Add(da);
            }
            dr.Close();
            //DeptTxt.AutoCompleteCustomSource = acs;
            //fdeptTxt.AutoCompleteCustomSource = acs;
            //ddeptTxt.AutoCompleteCustomSource = acs;

            SqlCommand cmd = new SqlCommand("SELECT DISTINCT Exam FROM ExamTB", con);
            dr = cmd.ExecuteReader();
            acs = new AutoCompleteStringCollection();
            while (dr.Read())
            {
                addExmTxt.Items.Add(dr[0].ToString());
                dExmTxt.Items.Add(dr[0].ToString());
                fexamTxt.Items.Add(dr[0].ToString());
                examTxt.Items.Add(dr[0].ToString());
                //acs.Add(dr[0].ToString());
            }
            //addExmTxt.AutoCompleteCustomSource = acs;
            //dExmTxt.AutoCompleteCustomSource = acs;
            //fexamTxt.AutoCompleteCustomSource = acs;
            //examTxt.AutoCompleteCustomSource = acs;
            dr.Close();
            //SqlCommand cmd1 = new SqlCommand("SELECT DISTINCT SubNme FROM
SubjectTB",con);
            //dr = cmd1.ExecuteReader();
            //acs = new AutoCompleteStringCollection();
            //////SqlCommand cmd1 = new SqlCommand("SELECT DISTINCT
SubCode,SubNme,CCode from SubjectTB WHERE Dept='" + dpt + "' ORDER BY CCode", con);
            //////dr = cmd1.ExecuteReader();
            //////while (dr.Read())
            //////{
            //////    //MessageBox.Show(dr.ToString());
            //////    string da = dr[0].ToString() + ":" + dr[1].ToString();
            //////    subTxt.Items.Add(da);
            //////    fsubTxt.Items.Add(da);
            //////}
            //while (dr.Read())
            //{
            //    subTxt.Items.Add(dr[0].ToString());
```

```
            //    fsubTxt.Items.Add(dr[0].ToString());
            //    //acs.Add(dr[0].ToString());
            //}
            //subTxt.AutoCompleteCustomSource = acs;
            //fsubTxt.AutoCompleteCustomSource = acs;
            //////dr.Close();
            con.Close();
        }

        private void fltrBtn_Click(object sender, EventArgs e)
        {
            String str = "";
            String wstr = "";
            if (frollTxt.Text != "")
            {
                str += " RollNo='" + frollTxt.Text + "' AND";
            }
            //if (fsubTxt.Text != "")
            //{
            //    str += " PhoneNo=" + fsubTxt.Text + " AND";
            //}
            if (fdeptTxt.Text != "")
            {
                str += " Dept='" + fdeptTxt.Text + "' AND";
            }
            if (fnmeTxt.Text != "")
            {
                str += " SName='" + fnmeTxt.Text + "' AND";
            }
            if (msemBox.Text != "")
            {
                str += " Sem='" + msemBox.Text + "' AND";
            }
            if (fexamTxt.Text != "")
            {
                str += " Exam='" + fexamTxt.Text + "'";
            }

            if (str.Substring(str.Length - 3, 3) == "AND")
                wstr = str.Substring(0, str.Length - 3);
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd1;
            if (subTxt.GetItemText(subTxt.SelectedItem) != "")
            {
                str += "Sub" + (subTxt.SelectedIndex + 1).ToString();
                cmd1 = new SqlCommand("SELECT RollNo, Dept, Sem, Exam, Sub" +
(subTxt.SelectedIndex + 1).ToString() + " FROM StdntAcdmcInfoTB WHERE " + wstr, con);
            }
            else
            {
                cmd1 = new SqlCommand("SELECT * FROM StdntAcdmcInfoTB WHERE " + wstr,
con);
            }
            //SqlCommand cmd1 = new SqlCommand("SELECT * FROM StdntAcdmcInfoTB WHERE "
+ wstr, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView2.DataSource = dt;
            con.Close();
        }
```

```
        private void button1_Click(object sender, EventArgs e)
        {
            String str = "";
            String wstr = "";
            if (rollTxt.Text != "")
            {
                str += " RollNo='" + rollTxt.Text + "' AND";
            }
            //if (subTxt.GetItemText(subTxt.SelectedItem) != "")
            //{
            //    str += "Sub" + (subTxt.SelectedIndex+1).ToString();
            //    str += " =" + subTxt.Text + " and";
            //}
            if (DeptTxt.Text != "")
            {
                str += " Dept='" + DeptTxt.Text + "' AND";
            }
            //if (nmeTxt.Text != "")
            //{
            //    str += " SName='" + nmeTxt.Text + "' AND";
            //}
            if (semBox.Text != "")
            {
                str += " Sem='" + semBox.Text + "' AND";
            }
            if (examTxt.Text != "")
            {
                str += " Exam='" + examTxt.Text + "'";
            }

            if (str.Substring(str.Length - 3, 3) == "AND")
                wstr = str.Substring(0, str.Length - 3);

            //if (sortBox.Text != "")
            //{
            //    str += " SName='" + sortBox.Text + "'";
            //}
            MessageBox.Show(wstr);
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd1;
            if (subTxt.GetItemText(subTxt.SelectedItem) != "")
            {
                str += "Sub" + (subTxt.SelectedIndex + 1).ToString();
                cmd1 = new SqlCommand("SELECT RollNo, Dept, Sem, Exam, Sub" +
(subTxt.SelectedIndex + 1).ToString() + " FROM StdntAcdmcInfoTB WHERE " + wstr, con);
            }
            else
            {
                cmd1 = new SqlCommand("SELECT * FROM StdntAcdmcInfoTB WHERE " + wstr,
con);
            }
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button6_Click(object sender, EventArgs e)
        {
```

```
            String str = "";
            if (drollTxt.Text != "")
            {
                str += " RollNo='" + drollTxt.Text + "' AND";
            }
            if (dsemBox.Text != "")
            {
                str += " Sem=" + dsemBox.Text + " AND";
            }
            if (ddeptTxt.Text != "")
            {
                str += " Dept='" + ddeptTxt.Text + "' AND";
            }
            if (dExmTxt.Text != "")
            {
                str += " Exam='" + dExmTxt.Text + "'";
            }

            if (str.Substring(str.Length - 3, 3) == "AND")
                str = str.Substring(0, str.Length - 3);

            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd = new SqlCommand("DELETE FROM StdntAcdmcInfoTB WHERE " +
str, con);
            cmd.ExecuteNonQuery();
            SqlCommand cmd1 = new SqlCommand("SELECT * FROM StdntAcdmcInfoTB WHERE
Dept=@dept", con);
            cmd1.Parameters.AddWithValue("@dept", ddeptTxt.Text);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView4.DataSource = dt;
            con.Close();
            MessageBox.Show("Deleted successfully!!!");
        }

        private void DeptTxt_SelectedIndexChanged(object sender, EventArgs e)
        {
            var dpt = DeptTxt.GetItemText(DeptTxt.SelectedItem);
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd = new SqlCommand("SELECT DISTINCT SubCode,SubNme,CCode from
SubjectTB WHERE Dept='"+dpt+"' ORDER BY CCode", con);
            SqlDataReader dr = cmd.ExecuteReader();
            while (dr.Read())
            {
                //MessageBox.Show(dr.ToString());
                string da = dr[0].ToString() + ":" + dr[1].ToString();
                subTxt.Items.Add(da);
            }
            con.Close();
        }

        private void fdeptTxt_SelectedIndexChanged(object sender, EventArgs e)
        {
            var dpt = fdeptTxt.GetItemText(fdeptTxt.SelectedItem);
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd = new SqlCommand("SELECT DISTINCT SubCode,SubNme,CCode from
SubjectTB WHERE Dept='" + dpt + "' ORDER BY CCode", con);
            SqlDataReader dr = cmd.ExecuteReader();
```

```
            fsubTxt.Items.Clear();
            while (dr.Read())
            {
                //MessageBox.Show(dr.ToString());
                string da = dr[0].ToString() + ":" + dr[1].ToString();
                fsubTxt.Items.Add(da);
            }
            con.Close();
        }

        private void mdfyBtn_Click(object sender, EventArgs e)
        {
            var mBy = numScrollBy.Value;
            var mInto = numScrollInto.Value;
            String str = "";
            String wstr = "";
            if (frollTxt.Text != "")
            {
                str += " RollNo='" + frollTxt.Text + "' AND";
            }
            //if (fsubTxt.Text != "")
            //{
            //    str += " PhoneNo=" + fsubTxt.Text + " AND";
            //}
            if (fdeptTxt.Text != "")
            {
                str += " Dept='" + fdeptTxt.Text + "' AND";
            }
            //if (fnmeTxt.Text != "")
            //{
            //    str += " SName='" + fnmeTxt.Text + "' AND";
            //}
            if (msemBox.Text != "")
            {
                str += " Sem='" + msemBox.Text + "' AND";
            }
            if (fexamTxt.Text != "")
            {
                str += " Exam='" + fexamTxt.Text + "'";
            }

            if (str.Substring(str.Length - 3, 3) == "AND")
                wstr = str.Substring(0, str.Length - 3);
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd1;
            if (fsubTxt.GetItemText(fsubTxt.SelectedItem) != "")
            {
                str = "Sub" + (fsubTxt.SelectedIndex + 1).ToString();
                try
                {
                    if (mBy != 0)
                    {
                        cmd1 = new SqlCommand("UPDATE StdntAcdmcInfoTB SET " + str + "
= " + str + "+" + mBy.ToString() + " WHERE " + wstr, con);
                        cmd1.ExecuteNonQuery();
                    }
                    else if (mInto != 0)
                    {
                        cmd1 = new SqlCommand("UPDATE StdntAcdmcInfoTB SET " + str +
"=" + mInto.ToString() + " WHERE " + wstr, con);
                        cmd1.ExecuteNonQuery();
```

```
                    }
                    else
                    {
                        MessageBox.Show("Please enter a search criteria to modify
records...");
                    }
                }
                catch
                {
                    MessageBox.Show("Error in Modifying data please mouse select the
subject.");
                }
            }
            else
            {
                MessageBox.Show("Please enter a subject search criteria to modify
records...");

            }
            cmd1 = new SqlCommand("SELECT * FROM StdntAcdmcInfoTB WHERE "+wstr,con);
            SqlDataAdapter da = new SqlDataAdapter(cmd1);
            dt = new DataTable();
            da.Fill(dt);
            dataGridView2.DataSource = dt;
            con.Close();
        }
    }
}

public static class CSVUtlity
{
    public static void ToCSV(this DataTable dtDataTable, string strFilePath)
    {
        StreamWriter sw = new StreamWriter(strFilePath, false);
        //headers
        for (int i = 0; i < dtDataTable.Columns.Count; i++)
        {
            sw.Write(dtDataTable.Columns[i]);
            if (i < dtDataTable.Columns.Count - 1)
            {
                sw.Write(",");
            }
        }
        sw.Write(sw.NewLine);
        foreach (DataRow dr in dtDataTable.Rows)
        {
            for (int i = 0; i < dtDataTable.Columns.Count; i++)
            {
                if (!Convert.IsDBNull(dr[i]))
                {
                    string value = dr[i].ToString();
                    if (value.Contains(','))
                    {
                        value = String.Format("\"{0}\"", value);
                        sw.Write(value);
                    }
                    else
                    {
                        sw.Write(dr[i].ToString());
                    }
                }
                if (i < dtDataTable.Columns.Count - 1)
```

```
                {
                    sw.Write(",");
                }
            }
            sw.Write(sw.NewLine);
        }
        sw.Close();
    }
}
```

loginFrm.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 StudentManagement
{
    public partial class loginFrm : Form
    {
        public loginFrm()
        {
            InitializeComponent();
        }

        private void loginBtn_Click(object sender, EventArgs e)
        {
            if (usrBox.Text == "Admin" && pswdBox.Text == "admin")
            {
                MessageBox.Show("Login Successful!", "Gateway Msg");
                mainFrm frm = new mainFrm();
                this.Hide();
                frm.Show();
            }
            else
            {
                MessageBox.Show("Please enter valid credentials provided by admin",
"Gateway Msg");
            }
        }

        private void exitBtn_Click(object sender, EventArgs e)
        {
            Environment.Exit(0);
        }

        private void loginFrm_Load(object sender, EventArgs e)
        {

        }
    }
}
```

crteSubFrm.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 StudentManagement
{
    public partial class crteSubFrm : Form
    {
        public crteSubFrm()
        {
            InitializeComponent();
        }

        private void checkBox1_CheckedChanged(object sender, EventArgs e)
        {
            if (checkBox1.Checked)
            {
                practicalNum.Enabled = true;
            }
            else
            {
                practicalNum.Enabled = false;
            }
        }

        private void button1_Click(object sender, EventArgs e)
        {
            var snme = subTxt.Text;
            var scde = codeTxt.Text;
            var crdt = creditNum.Value;
            var sem = semBox.GetItemText(semBox.SelectedItem);
            var tw = theoryNum.Value;
            var pw = practicalNum.Value;
            var dpt = deptLst.CheckedItems;
            var ptxt = priotityTxt.Text;
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            foreach (object dt in dpt)
            {
                SqlCommand cmd = new SqlCommand("INSERT INTO SubjectTB VALUES
(@scde,@snme,@crdt,@sem,@tw,@pw,@dt,@pt)",con);
                cmd.Parameters.AddWithValue("@scde", scde);
                cmd.Parameters.AddWithValue("@snme", snme);
                cmd.Parameters.AddWithValue("@crdt", crdt);
                cmd.Parameters.AddWithValue("@sem", sem);
                cmd.Parameters.AddWithValue("@tw", tw);
                cmd.Parameters.AddWithValue("@pw", pw);
                cmd.Parameters.AddWithValue("@dt", dt);
                cmd.Parameters.AddWithValue("@pt", ptxt);
                cmd.ExecuteNonQuery();
            }
            con.Close();
            MessageBox.Show(snme+" Subject created...");
```

```
        }

        private void crteSubFrm_Load(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd = new SqlCommand("SELECT Dept from DeptTB",con);
            SqlDataReader dr = cmd.ExecuteReader();
            while(dr.Read())
            {
                string da = dr[0].ToString();
                deptLst.Items.Add(da);
            }
            con.Close();
        }
    }
}
```

crteExmFrm.cs

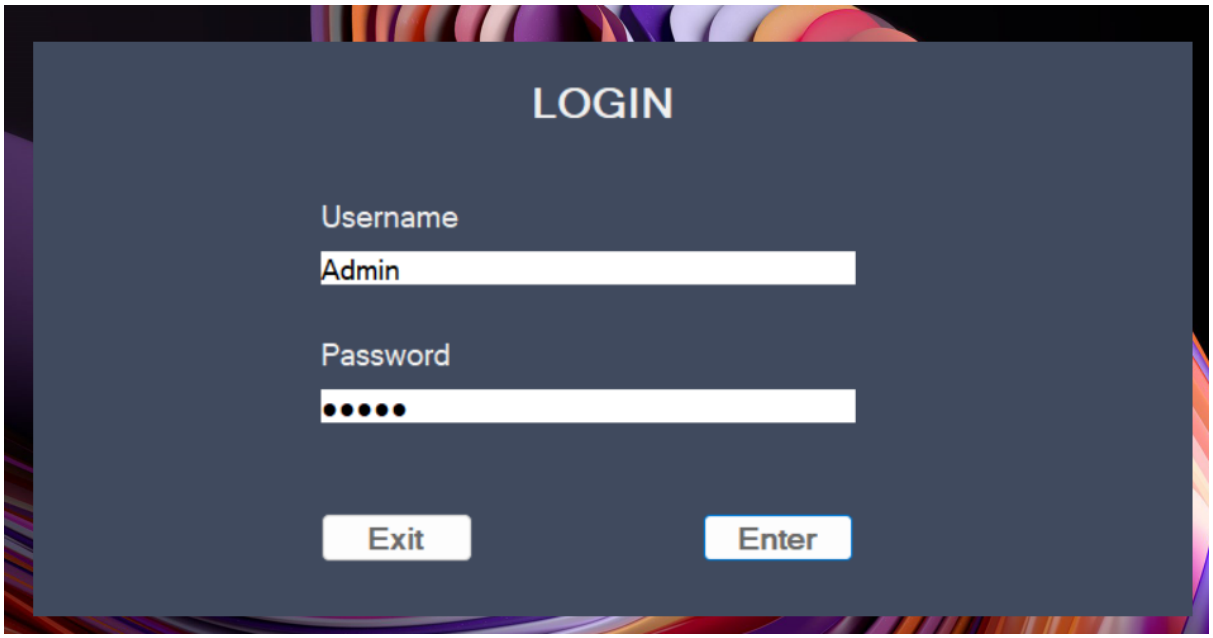
```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
using System.Data.SqlClient;
using System.Threading.Tasks;

namespace StudentManagement
{
    public partial class CrteExmFrm : Form
    {
        private string enme;
        public string[] subj = {}, date = {};
        //public decimal[] maxm;
        List<decimal> maxm = new List<decimal>();

        public CrteExmFrm()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            crteSubFrm frm = new crteSubFrm();
            frm.Show();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            String enme = exNameTxt.Text;
            String snme = subBox.GetItemText(subBox.SelectedItem);
            Decimal mxmarks = maxMarkNum.Value;
            DateTime dt = dateTimeBox.Value;
            String txt = "";
```

```
            string[] sbj = new string[] { snme };
            string[] dte = new string[] { dt.ToLongDateString() };
            decimal[] mx = new decimal[] { mxmarks };
            //MessageBox.Show(snme);
            subj = subj.Concat(sbj).ToArray();
            date = date.Concat(dte).ToArray();
            //maxm = maxm.Concat(mx).ToArray();
            maxm.Add(mxmarks);
            txt += dt.ToLongDateString() + ":" + snme + ":" + mxmarks.ToString();
            lstBox.Items.Add(txt);

        }

        private void CrteExmFrm_Load(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            SqlCommand cmd = new SqlCommand("SELECT DISTINCT SubCode,SubNme from
SubjectTB", con);
            SqlDataReader dr = cmd.ExecuteReader();
            while (dr.Read())
            {
                //MessageBox.Show(dr.ToString());
                string da = dr[0].ToString()+":"+dr[1].ToString();
                subBox.Items.Add(da);
            }
            con.Close();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            var exm = exNameTxt.Text;
            SqlConnection con = new SqlConnection(@global.constr);
            con.Open();
            for (int i = 0; i < subj.Length; i++)
            {
                SqlCommand cmd = new SqlCommand("INSERT INTO ExamTB VALUES
(@ex,@sub,@dt,@mx)", con);
                cmd.Parameters.AddWithValue("@ex", exm);
                cmd.Parameters.AddWithValue("@sub", subj[i]);
                cmd.Parameters.AddWithValue("@dt", date[i]);
                cmd.Parameters.AddWithValue("@mx", maxm[i]);
                cmd.ExecuteNonQuery();
            }
            MessageBox.Show("Exam created successfully!!!");
        }
    }
}
```

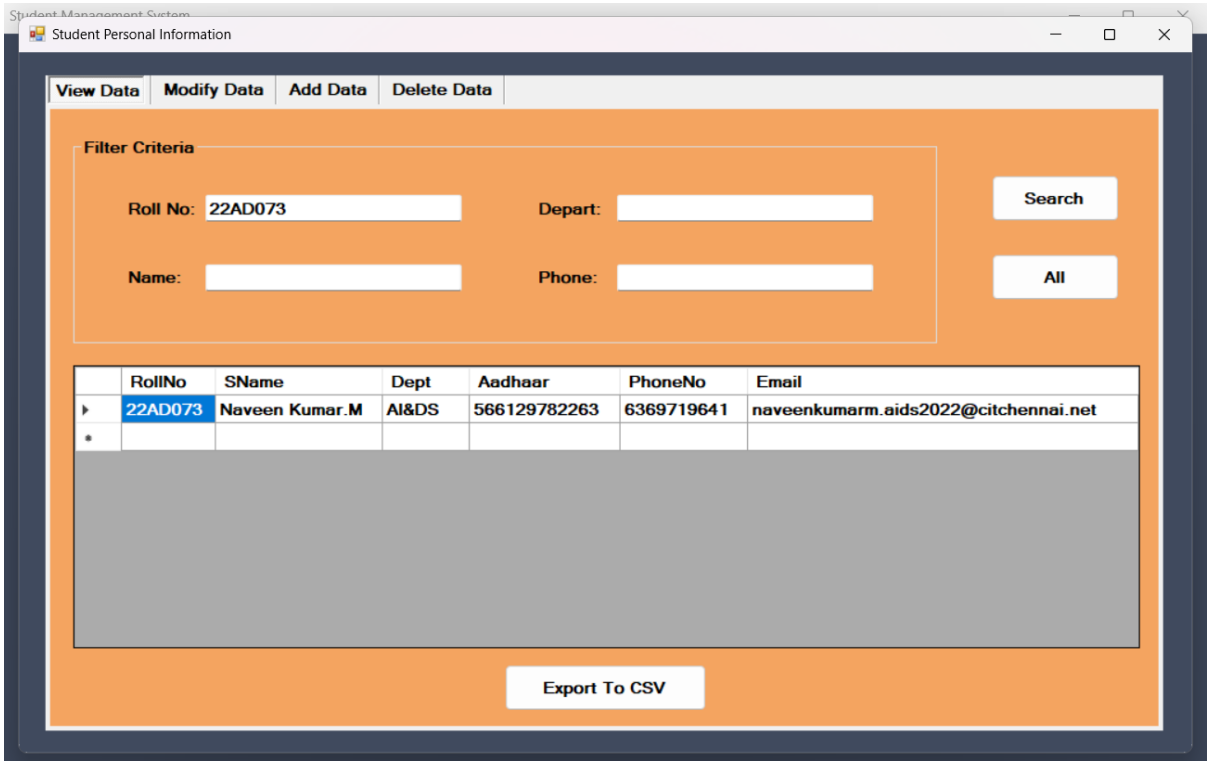
Global.cs

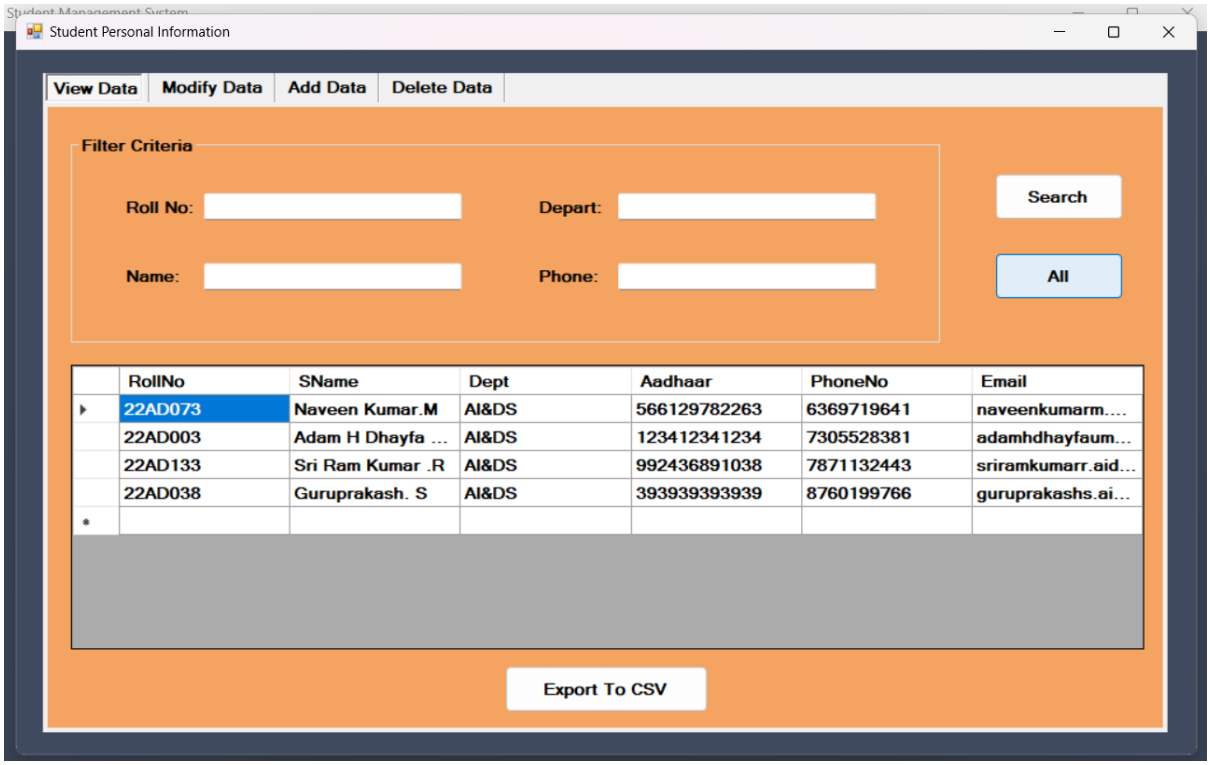
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace StudentManagement
{
    public class global
    {
        public static string constr = @"Data Source=LAPTOP-V8DITO49\NKSQL;Initial
Catalog=CollegeDB;user id = #########; password=##########";
    }
}
```

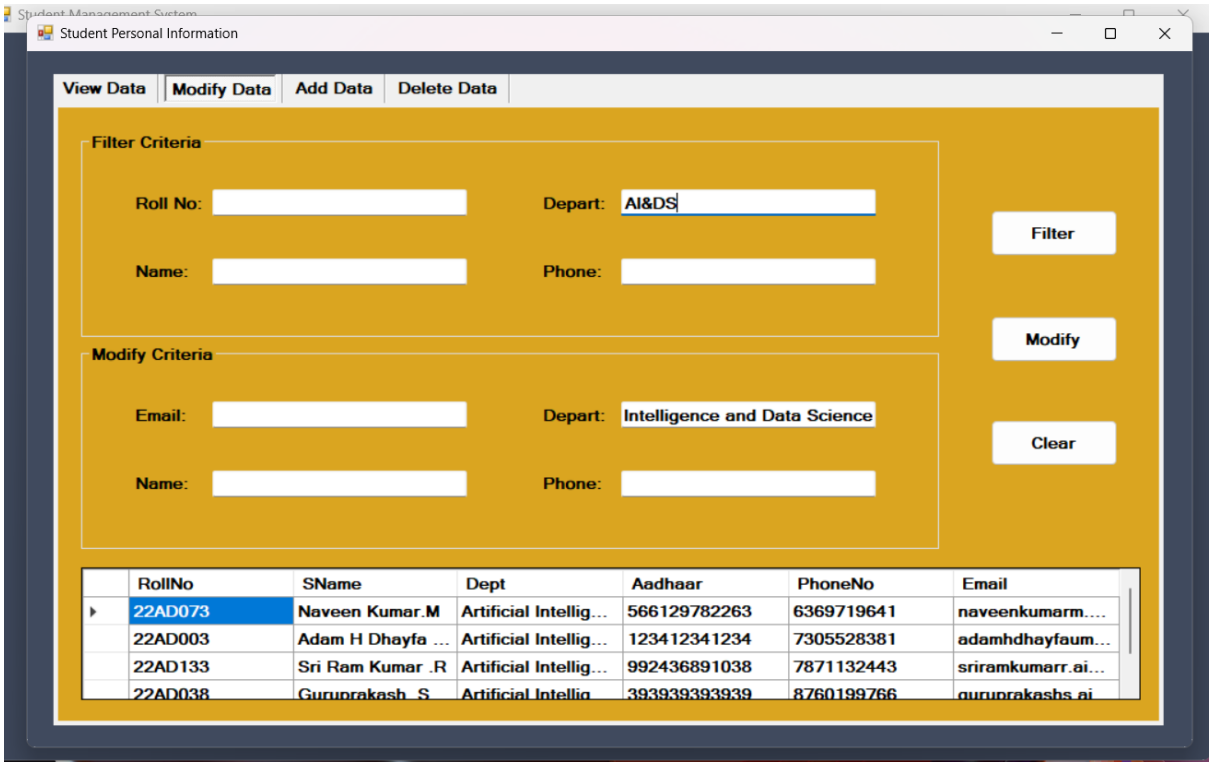
Output Screen Shots

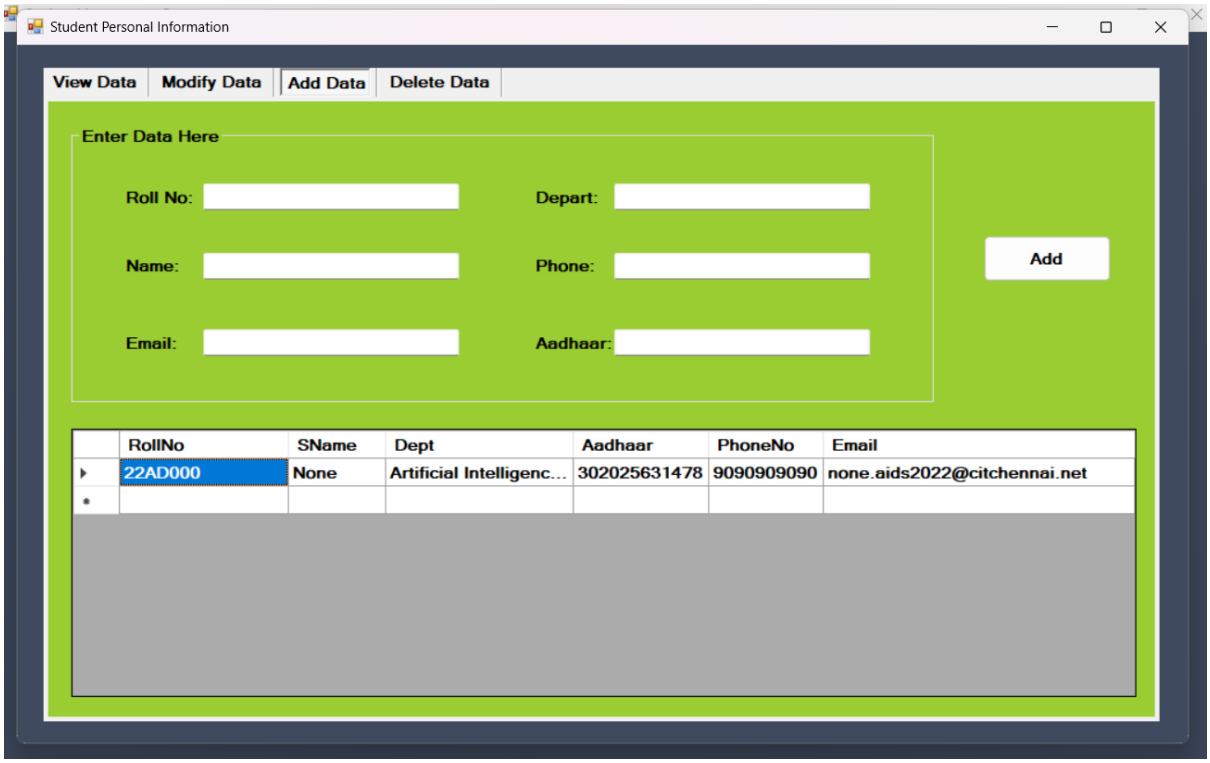


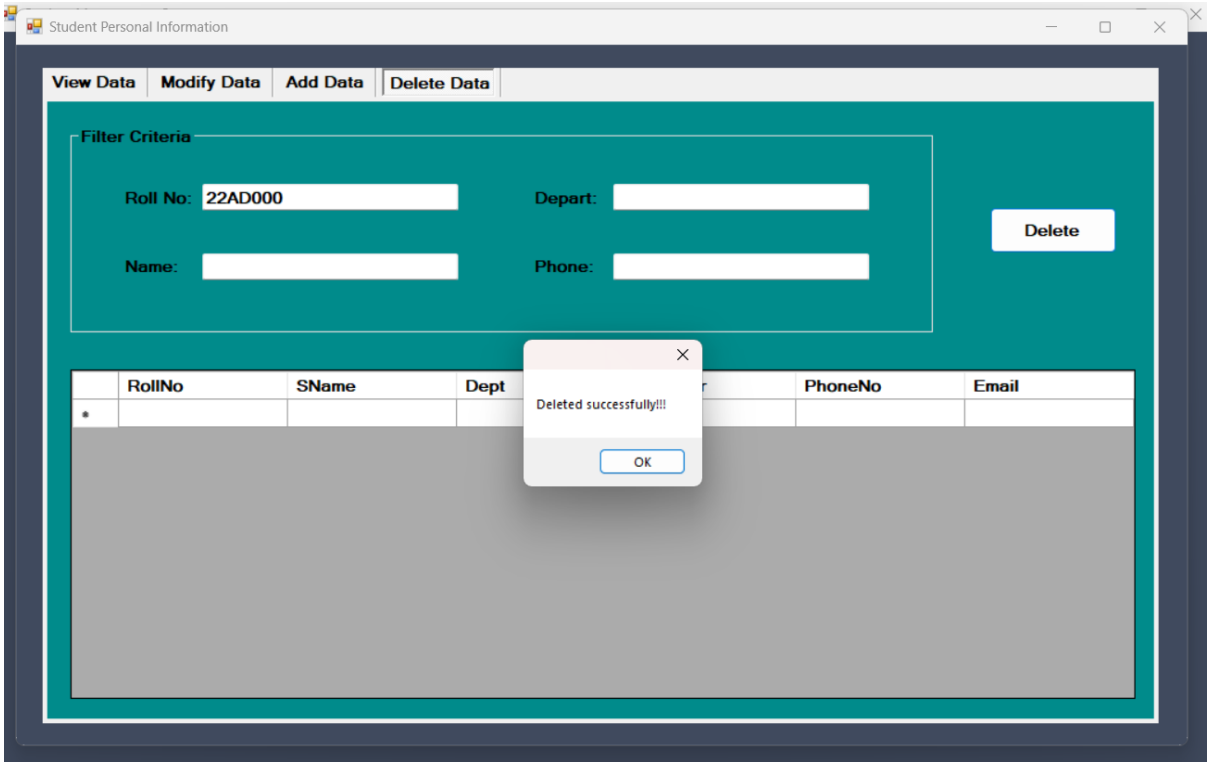

Notion
Student Management System
Chennai Institute of Technology
Feature List
Student Personal Info
Student Academic Info
CHENNAI
INSTITUTE OF
TECHNOLOGY
Transforming Lives

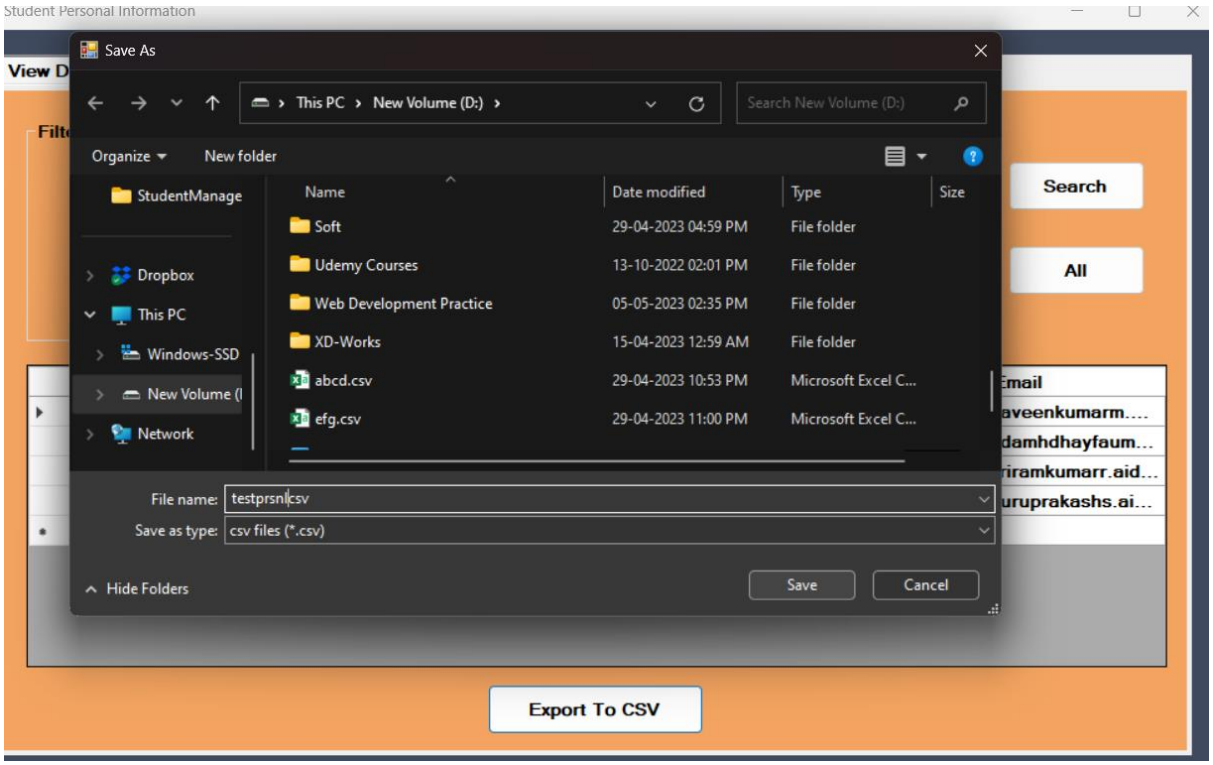

Student Personal Information
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No: 22AD073
Depart:
Name:
Phone:
Search
All
RollNo
SName
Dept
Aadhaar
PhoneNo
Email
22AD073
Naveen Kumar.M
AI&DS
566129782263
6369719641
naveenkumarm.aids2022@citchennai.net
Export To CSV

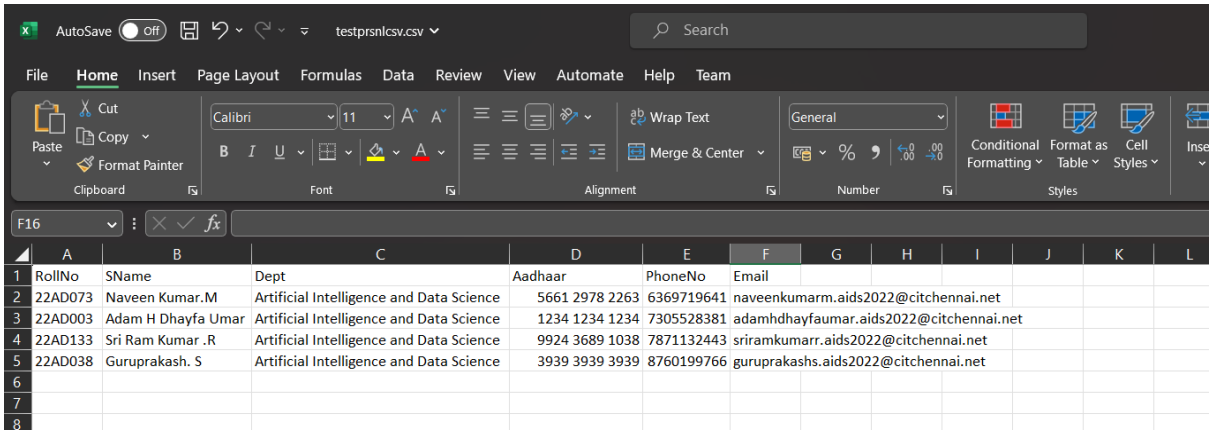

Student Personal Information
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
Depart:
Name:
Phone:
Search
All
RollNo
SName
Dept
Aadhaar
PhoneNo
Email
22AD073
Naveen Kumar.M
AI&DS
566129782263
6369719641
naveenkumarm....
22AD003
Adam H Dhayfa ...
AI&DS
123412341234
7305528381
adamhdhayfaum...
22AD133
Sri Ram Kumar .R
AI&DS
992436891038
7871132443
sriramkumarr.aid...
22AD038
Guruprakash. S
AI&DS
393939393939
8760199766
guruprakashs.ai...
Export To CSV


Student Personal Information
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
Depart:
AI&DS
Name:
Phone:
Filter
Modify Criteria
Email:
Depart:
Intelligence and Data Science
Name:
Phone:
Modify
Clear
RollNo
SName
Dept
Aadhaar
PhoneNo
Email
22AD073
Naveen Kumar.M
Artificial Intellig...
566129782263
6369719641
naveenkumarm....
22AD003
Adam H Dhayfa ...
Artificial Intellig...
123412341234
7305528381
adamhdhayfaum...
22AD133
Sri Ram Kumar .R
Artificial Intellig...
992436891038
7871132443
sriramkumarr.ai...
22AD038
Guruprakash. S
Artificial Intellig
393939393939
8760199766
guruprakashs.ai

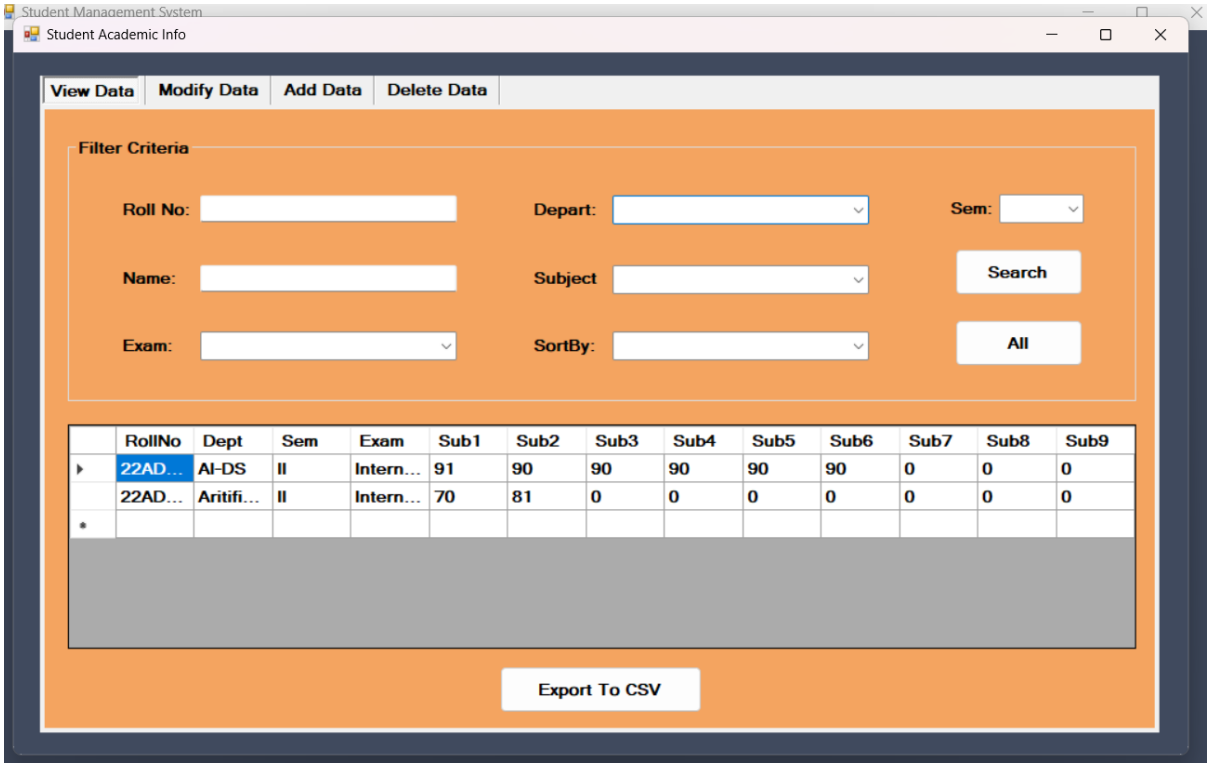

Student Personal Information
View Data
Modify Data
Add Data
Delete Data
Enter Data Here
Roll No:
Depart:
Name:
Phone:
Email:
Aadhaar:
Add
RollNo
SName
Dept
Aadhaar
PhoneNo
Email
22AD000
None
Artificial Intelligenc...
302025631478
9090909090
none.aids2022@citchennai.net

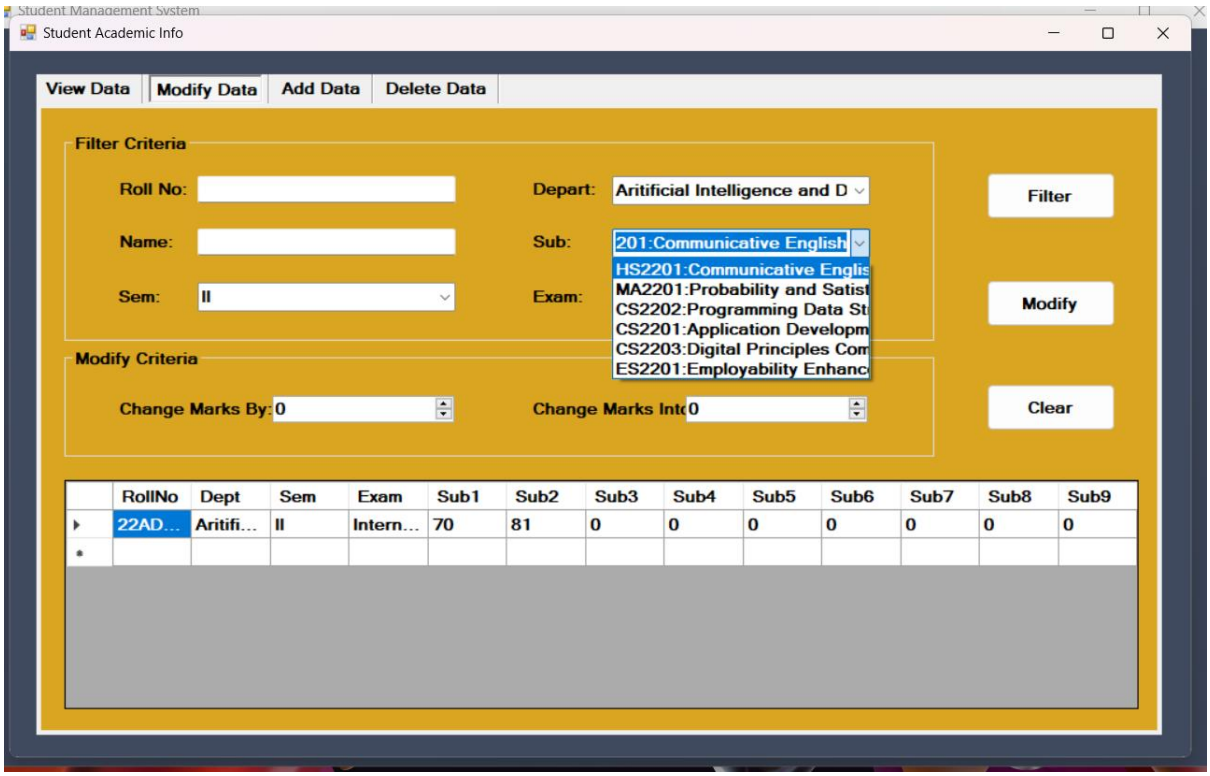

Student Personal Information
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
22AD000
Depart:
Name:
Phone:
Delete
RollNo
SName
Dept
PhoneNo
Email
Deleted successfully!!!
OK

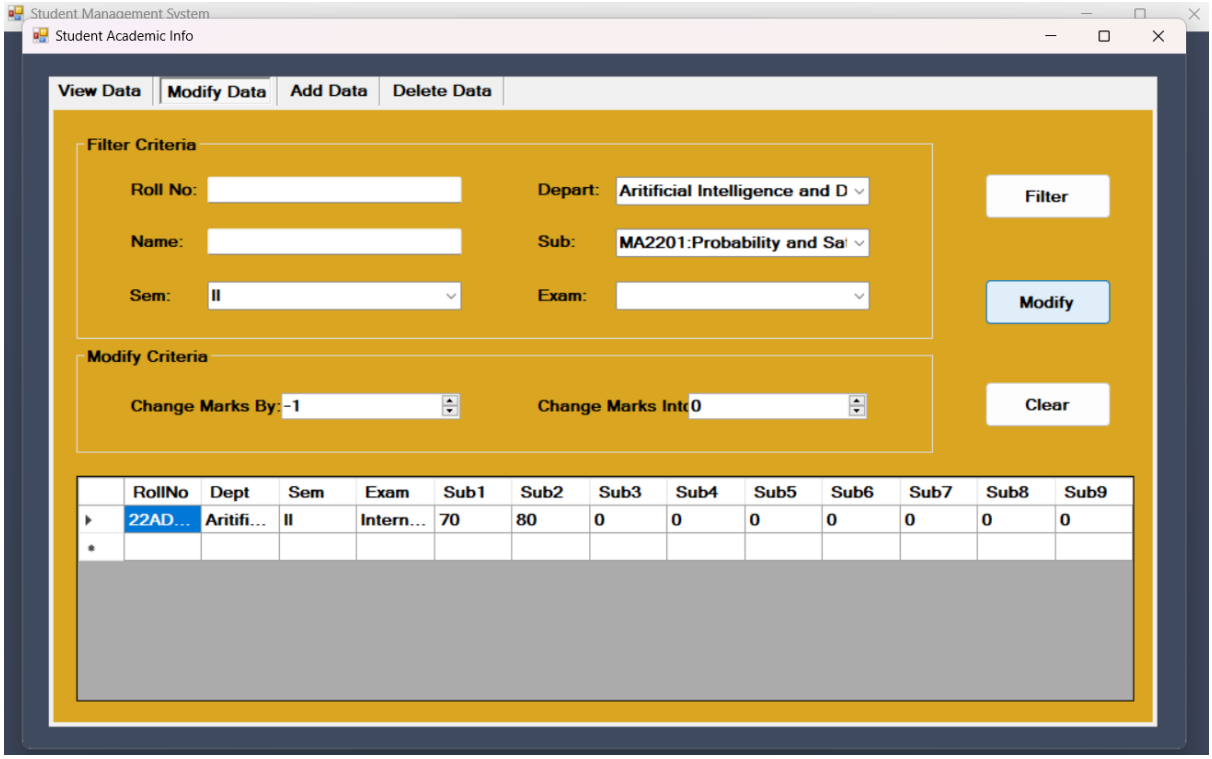


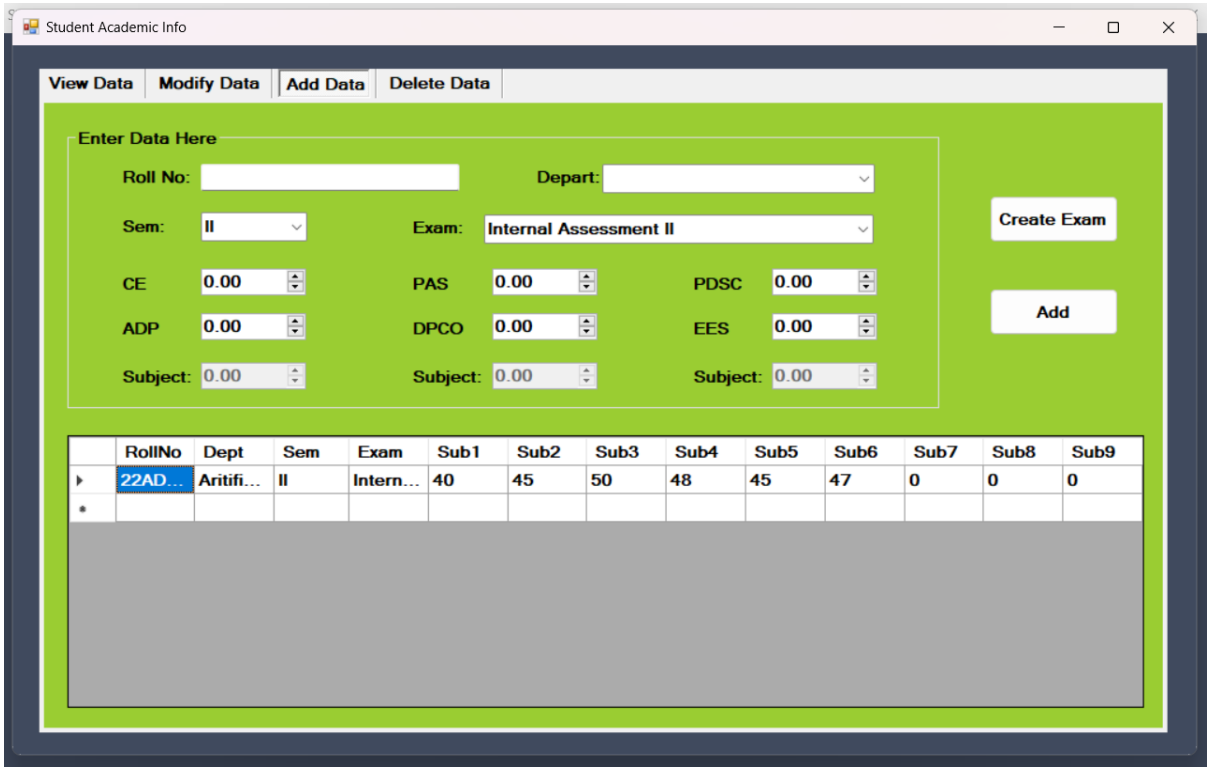


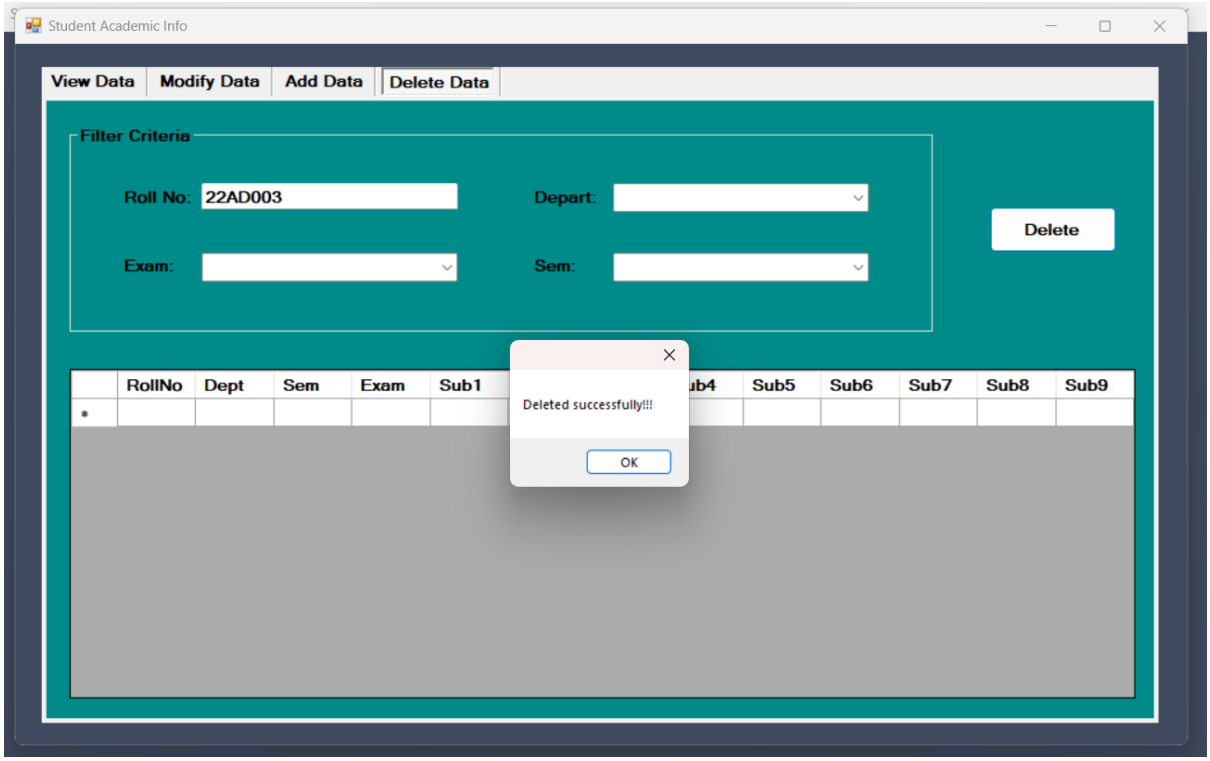
	A	B	C	D	E	F	G	H	I	J	K	L
1	RollNo	SName	Dept	Aadhaar	PhoneNo	Email						
2	22AD073	Naveen Kumar.M	Artificial Intelligence and Data Science	5661 2978 2263	6369719641	naveenkumarm.aids2022@citchennai.net						
3	22AD003	Adam H Dhayfa Umar	Artificial Intelligence and Data Science	1234 1234 1234	7305528381	adamhdhayfaumar.aids2022@citchennai.net						
4	22AD133	Sri Ram Kumar .R	Artificial Intelligence and Data Science	9924 3689 1038	7871132443	sriramkumarr.aids2022@citchennai.net						
5	22AD038	Guruprakash. S	Artificial Intelligence and Data Science	3939 3939 3939	8760199766	guruprakashs.aids2022@citchennai.net						
6												
7												
8												

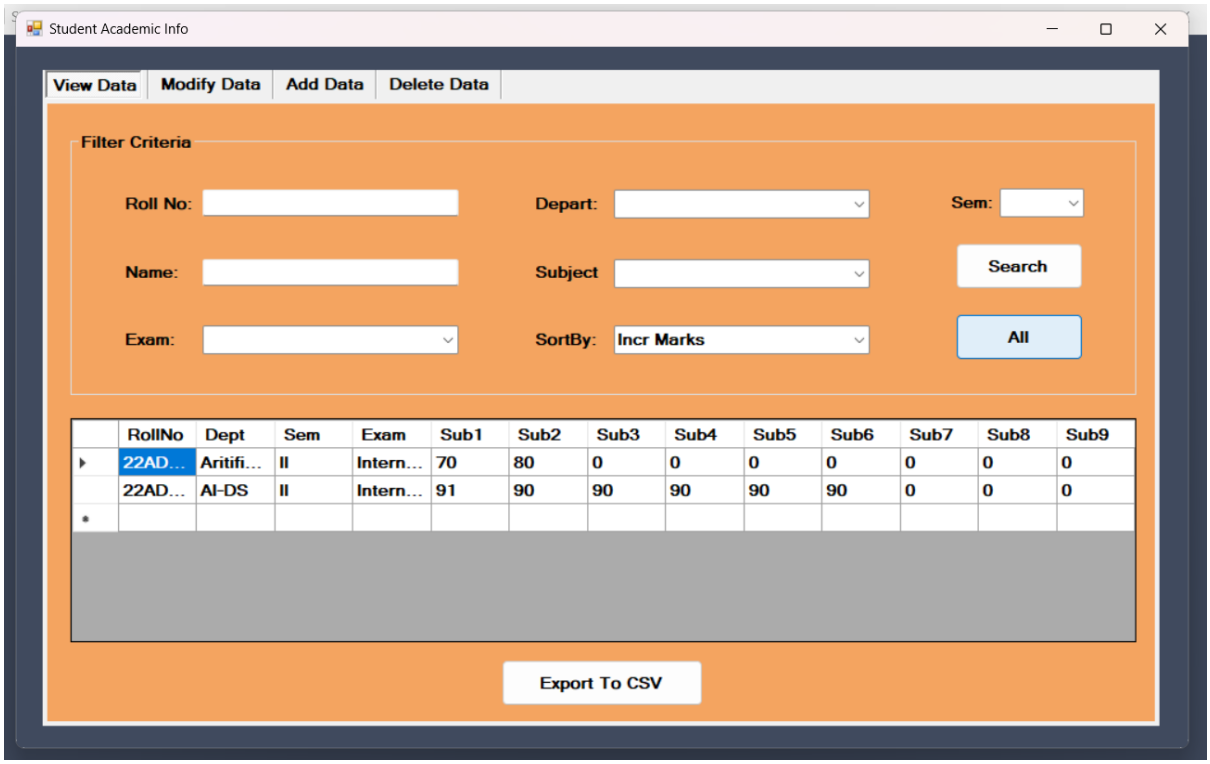

Student Management System
Student Academic Info
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
Depart:
Sem:
Name:
Subject
Search
Exam:
SortBy:
All
RollNo Dept Sem Exam Sub1 Sub2 Sub3 Sub4 Sub5 Sub6 Sub7 Sub8 Sub9
22AD... AI-DS II Intern... 91 90 90 90 90 90 0 0 0
22AD... Aritifi... II Intern... 70 81 0 0 0 0 0 0 0
Export To CSV

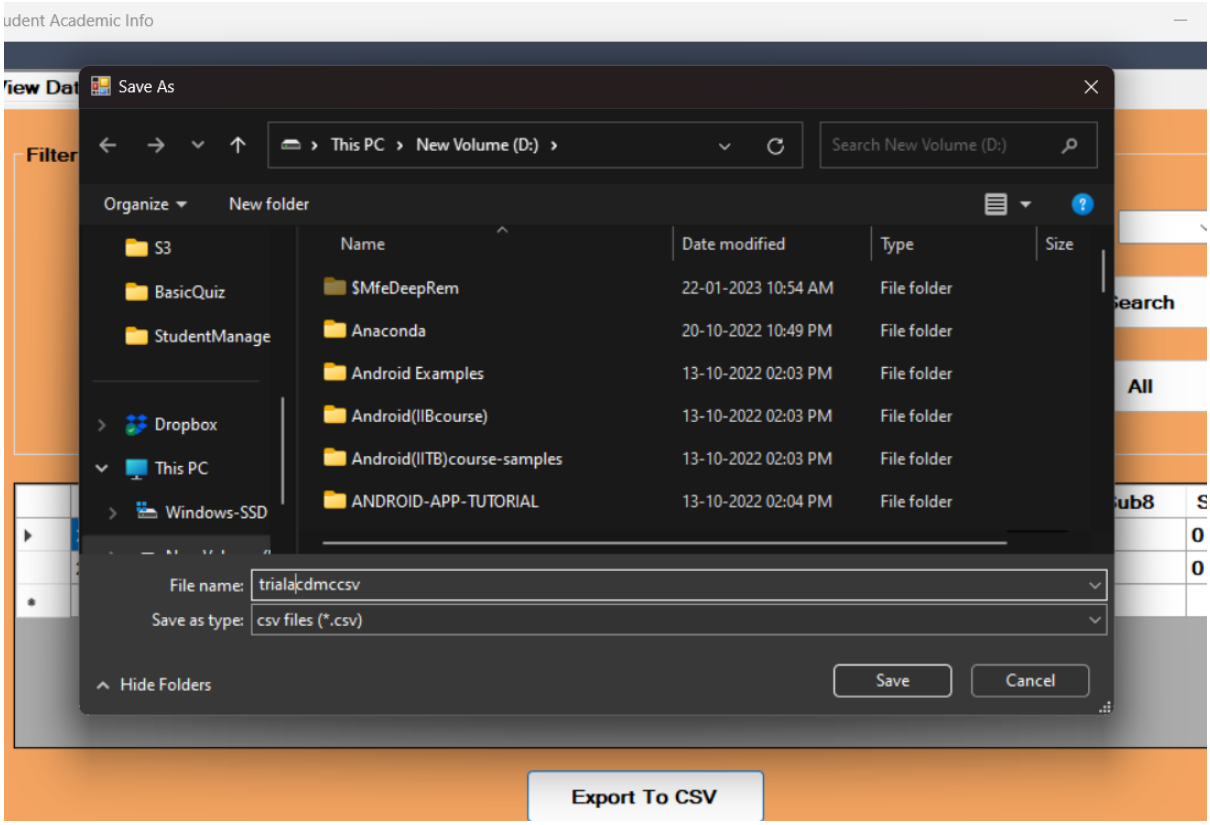

Student Management System
Student Academic Info
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
Depart:
Aritificial Intelligence and D
Filter
Name:
Sub:
201:Communicative English
HS2201:Communicative Englis
MA2201:Probability and Satist
CS2202:Programming Data St
CS2201:Application Developm
CS2203:Digital Principles Com
ES2201:Employability Enhanc
Sem:
II
Exam:
Modify
Modify Criteria
Change Marks By:
0
Change Marks Int
0
Clear
RollNo Dept Sem Exam Sub1 Sub2 Sub3 Sub4 Sub5 Sub6 Sub7 Sub8 Sub9
22AD... Aritifi... II Intern... 70 81 0 0 0 0 0 0 0

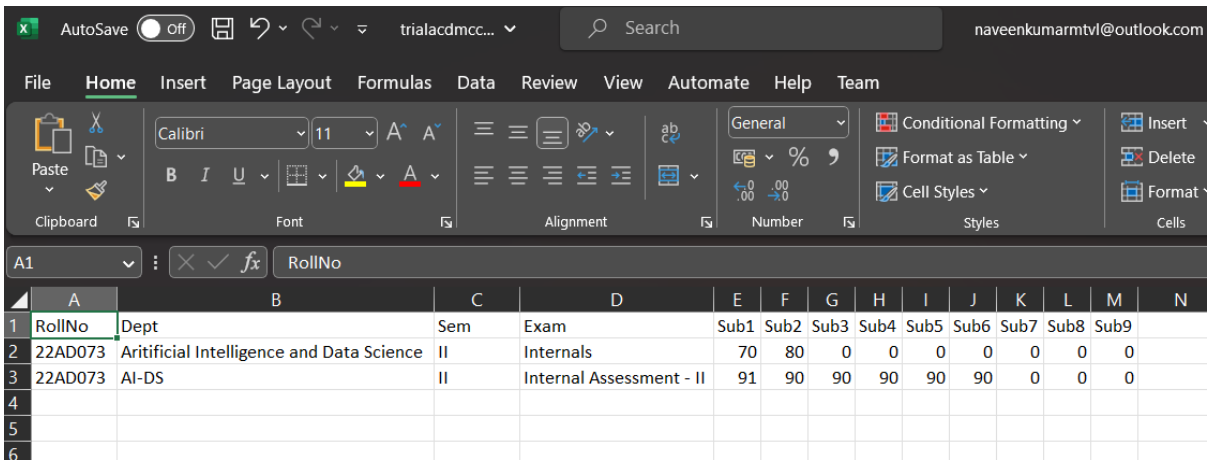

Student Management System
Student Academic Info
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
Depart:
Aritificial Intelligence and D
Name:
Sub:
MA2201:Probability and Sa
Sem:
II
Exam:
Filter
Modify
Modify Criteria
Change Marks By:
-1
Change Marks Int
0
Clear
RollNo
Dept
Sem
Exam
Sub1
Sub2
Sub3
Sub4
Sub5
Sub6
Sub7
Sub8
Sub9
22AD...
Aritifi...
II
Intern...
70
80
0
0
0
0
0
0
0


Student Academic Info
View Data
Modify Data
Add Data
Delete Data
Enter Data Here
Roll No:
Depart:
Sem:
II
Exam:
Internal Assessment II
Create Exam
CE
0.00
PAS
0.00
PDSC
0.00
ADP
0.00
DPCO
0.00
EES
0.00
Add
Subject:
0.00
Subject:
0.00
Subject:
0.00
RollNo
Dept
Sem
Exam
Sub1
Sub2
Sub3
Sub4
Sub5
Sub6
Sub7
Sub8
Sub9
22AD...
Aritifi...
II
Intern...
40
45
50
48
45
47
0
0
0

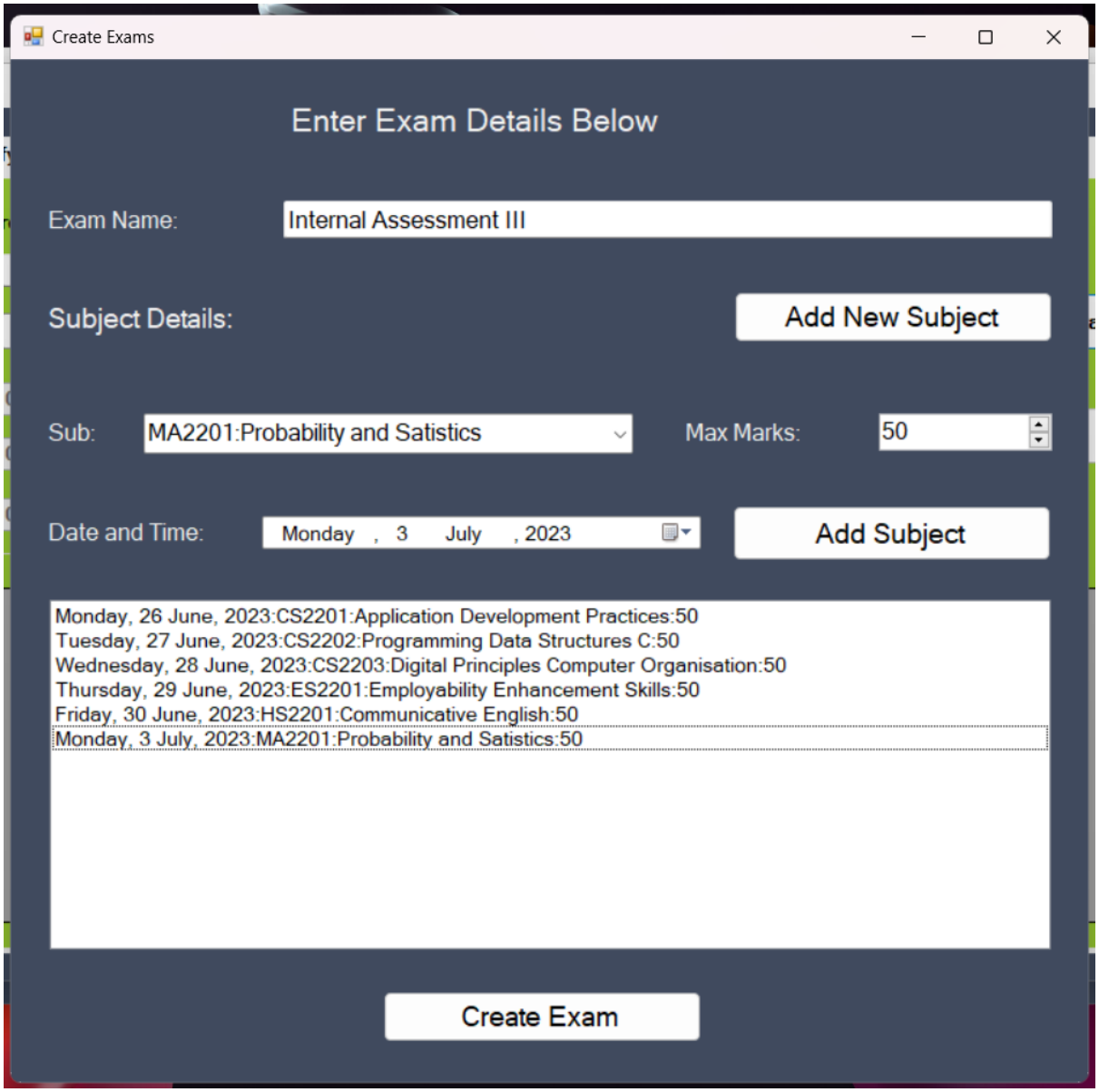

Student Academic Info
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
22AD003
Depart:
Exam:
Sem:
Delete
RollNo
Dept
Sem
Exam
Sub1
Sub5
Sub6
Sub7
Sub8
Sub9
Deleted successfully!!!
OK

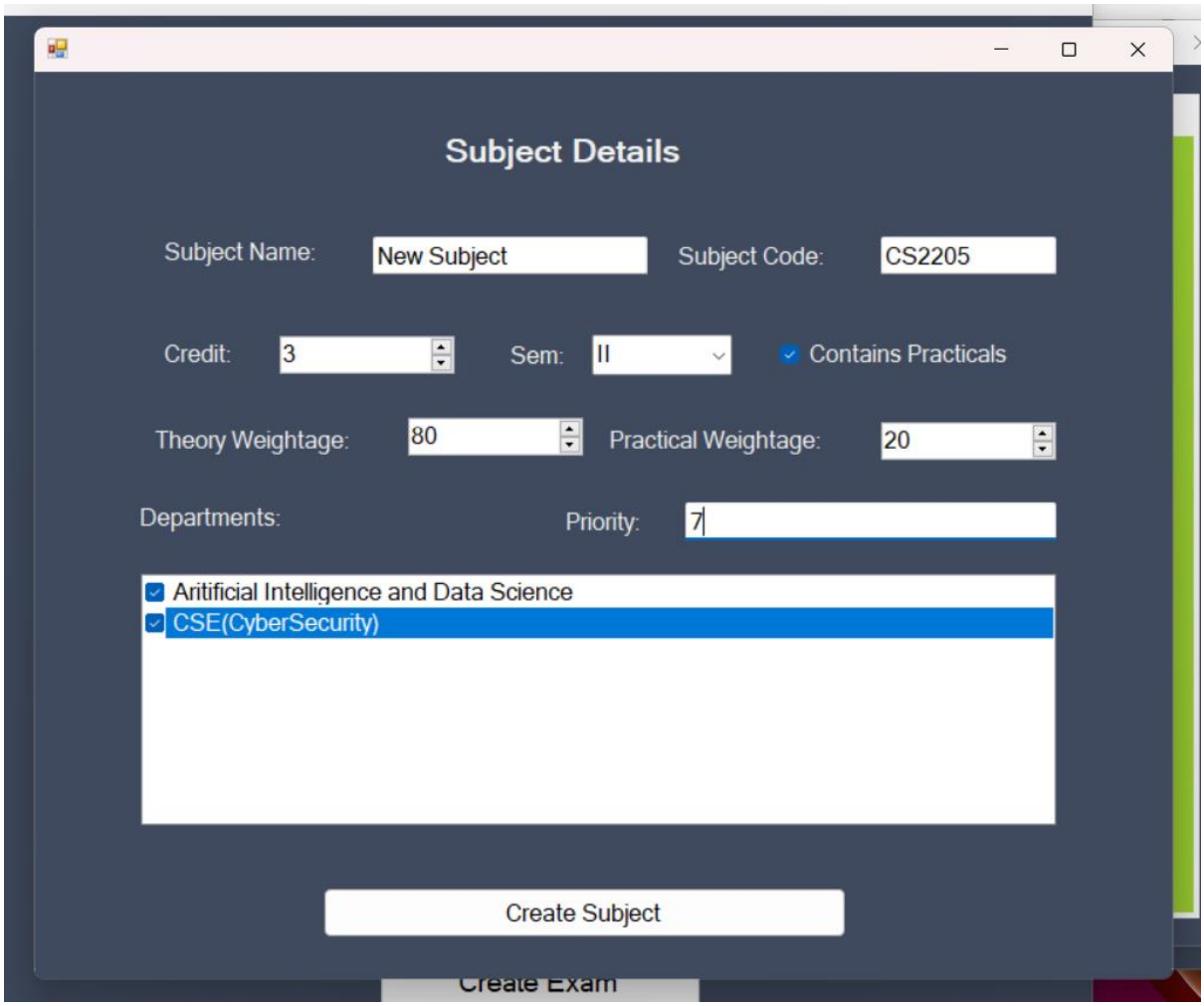

Student Academic Info
View Data
Modify Data
Add Data
Delete Data
Filter Criteria
Roll No:
Depart:
Sem:
Name:
Subject
Search
Exam:
SortBy:
Incr Marks
All
RollNo
Dept
Sem
Exam
Sub1
Sub2
Sub3
Sub4
Sub5
Sub6
Sub7
Sub8
Sub9
22AD...
Aritifi...
II
Intern...
70
80
0
0
0
0
0
0
0
22AD...
AI-DS
II
Intern...
91
90
90
90
90
90
0
0
0
Export To CSV



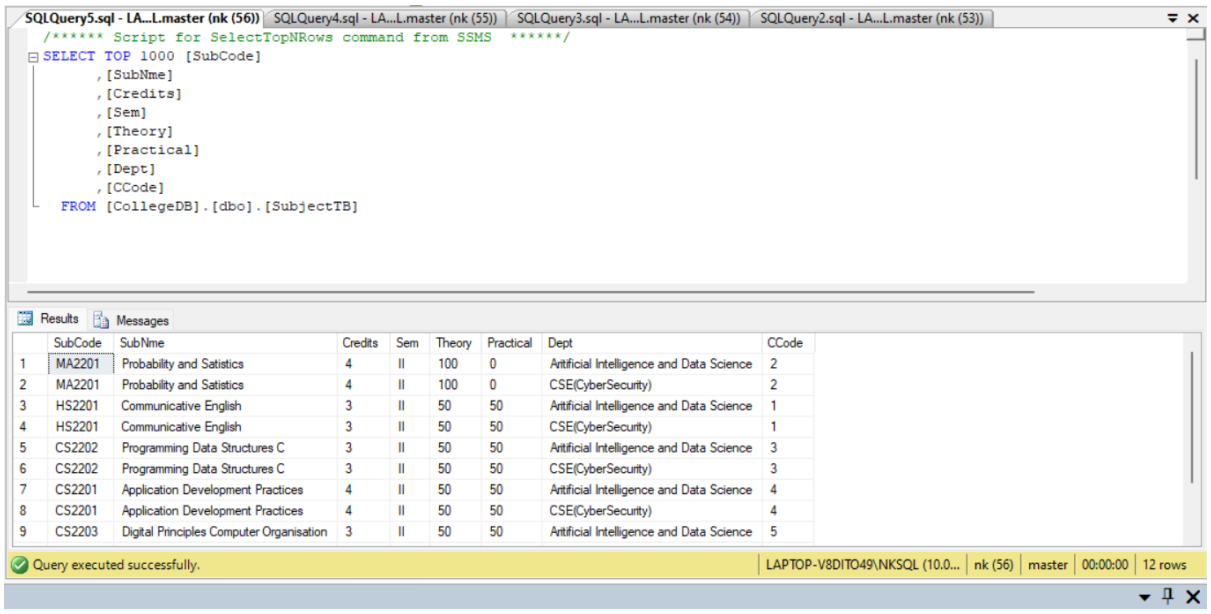


	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	RollNo	Dept	Sem	Exam	Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Sub8	Sub9	
2	22AD073	Aritificial Intelligence and Data Science	II	Internals	70	80	0	0	0	0	0	0	0	
3	22AD073	AI-DS	II	Internal Assessment - II	91	90	90	90	90	90	0	0	0	
4														
5														
6														


Create Exams
Enter Exam Details Below
Exam Name:
Internal Assessment III
Subject Details:
Add New Subject
Sub:
MA2201:Probability and Satistics
Max Marks:
50
Date and Time:
Monday , 3 July , 2023
Add Subject
Monday, 26 June, 2023:CS2201:Application Development Practices:50
Tuesday, 27 June, 2023:CS2202:Programming Data Structures C:50
Wednesday, 28 June, 2023:CS2203:Digital Principles Computer Organisation:50
Thursday, 29 June, 2023:ES2201:Employability Enhancement Skills:50
Friday, 30 June, 2023:HS2201:Communicative English:50
Monday, 3 July, 2023:MA2201:Probability and Satistics:50
Create Exam


Subject Details
Subject Name:
New Subject
Subject Code:
CS2205
Credit:
3
Sem:
II
Contains Practicals
Theory Weightage:
80
Practical Weightage:
20
Departments:
Priority:
7
Aritificial Intelligence and Data Science
CSE(CyberSecurity)
Create Subject
Create Exam

Database Screen Shots



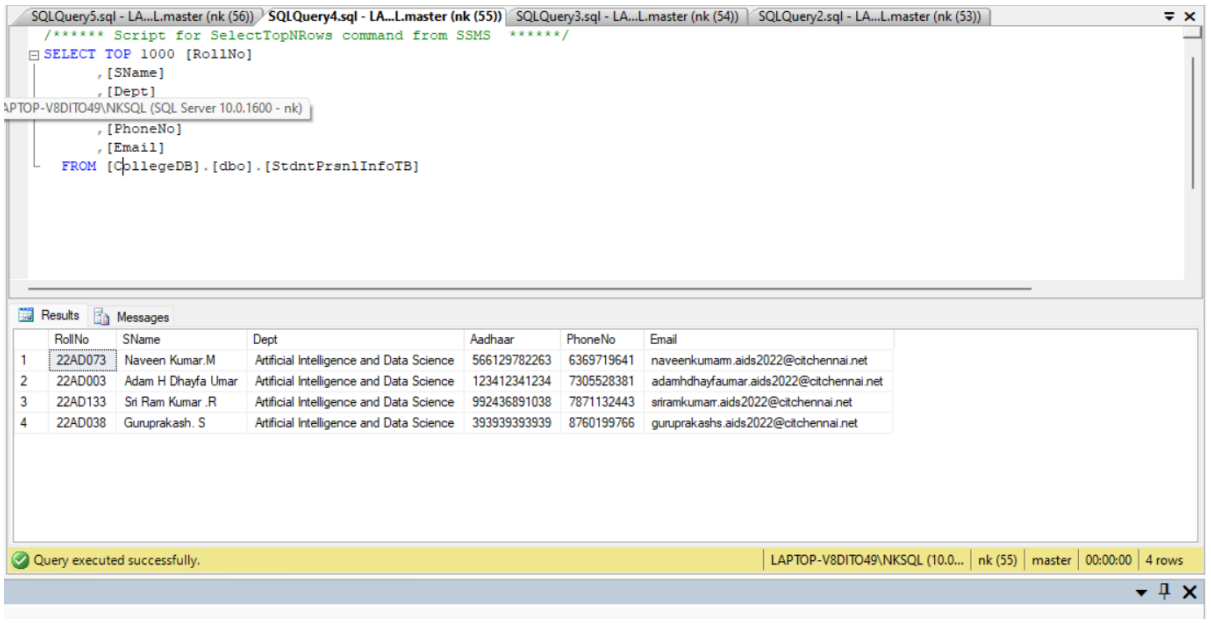
SQLQuery5.sql - LA...L.master (nk (56)) | SQLQuery4.sql - LA...L.master (nk (55)) | SQLQuery3.sql - LA...L.master (nk (54)) | SQLQuery2.sql - LA...L.master (nk (53))

```
/****** Script for SelectTopNRows command from SSMS  ******/
SELECT TOP 1000 [SubCode]
      ,[SubNme]
      ,[Credits]
      ,[Sem]
      ,[Theory]
      ,[Practical]
      ,[Dept]
      ,[CCode]
  FROM [CollegeDB].[dbo].[SubjectTB]
```

Results | Messages

	SubCode	SubNme	Credits	Sem	Theory	Practical	Dept	CCode
1	MA2201	Probability and Satistics	4	II	100	0	Artificial Intelligence and Data Science	2
2	MA2201	Probability and Satistics	4	II	100	0	CSE(CyberSecurity)	2
3	HS2201	Communicative English	3	II	50	50	Artificial Intelligence and Data Science	1
4	HS2201	Communicative English	3	II	50	50	CSE(CyberSecurity)	1
5	CS2202	Programming Data Structures C	3	II	50	50	Artificial Intelligence and Data Science	3
6	CS2202	Programming Data Structures C	3	II	50	50	CSE(CyberSecurity)	3
7	CS2201	Application Development Practices	4	II	50	50	Artificial Intelligence and Data Science	4
8	CS2201	Application Development Practices	4	II	50	50	CSE(CyberSecurity)	4
9	CS2203	Digital Principles Computer Organisation	3	II	50	50	Artificial Intelligence and Data Science	5

Query executed successfully. | LAPTOP-V8DITO49\NKSQL (10.0... | nk (56) | master | 00:00:00 | 12 rows



SQLQuery5.sql - LA...L.master (nk (56)) | SQLQuery4.sql - LA...L.master (nk (55)) | SQLQuery3.sql - LA...L.master (nk (54)) | SQLQuery2.sql - LA...L.master (nk (53))

```
/****** Script for SelectTopNRows command from SSMS  ******/
SELECT TOP 1000 [RollNo]
      ,[SName]
      ,[Dept]
      ,[PhoneNo]
      ,[Email]
  FROM [CollegeDB].[dbo].[StdntPrsnlInfoTB]
```

APTOP-V8DITO49\NKSQL (SQL Server 10.0.1600 - nk)

Results | Messages

	RollNo	SName	Dept	Aadhaar	PhoneNo	Email
1	22AD073	Naveen Kumar.M	Artificial Intelligence and Data Science	566129782263	6369719641	naveenkumarm.aids2022@citchennai.net
2	22AD003	Adam H Dhayfa Umar	Artificial Intelligence and Data Science	123412341234	7305528381	adamhdhayfaumar.aids2022@citchennai.net
3	22AD133	Sri Ram Kumar .R	Artificial Intelligence and Data Science	992436891038	7871132443	sriramkumarr.aids2022@citchennai.net
4	22AD038	Guruprakash. S	Artificial Intelligence and Data Science	393939393939	8760199766	guruprakashs.aids2022@citchennai.net

Query executed successfully. | LAPTOP-V8DITO49\NKSQL (10.0... | nk (55) | master | 00:00:00 | 4 rows

SQLQuery5.sql - LA...L.master (nk (56)) | SQLQuery4.sql - LA...L.master (nk (55)) | **SQLQuery3.sql - LA...L.master (nk (54))** | SQLQuery2.sql - LA...L.master (nk (53))

```
      ,[Sem]
      ,[Exam]
      ,[Sub1]
      ,[Sub2]
      ,[Sub3]
      ,[Sub4]
      ,[Sub5]
      ,[Sub6]
      ,[Sub7]
      ,[Sub8]
      ,[Sub9]
  FROM [CollegeDB].[dbo].[StdntAcdmcInfoTB]
```

Results | Messages

	RollNo	Dept	Sem	Exam	Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Sub8	Sub9
1	22AD073	AI-DS	II	Internal Assessment - II	91	90	90	90	90	90	0	0	0
2	22AD073	Artificial Intelligence and Data Science	II	Internals	70	80	0	0	0	0	0	0	0

Query executed successfully. | LAPTOP-V8DITO49\NKSQL (10.0... | nk (54) | master | 00:00:00 | 2 rows

SQLQuery5.sql - LA...L.master (nk (56)) | SQLQuery4.sql - LA...L.master (nk (55)) | SQLQuery3.sql - LA...L.master (nk (54)) | **SQLQuery2.sql - LA...L.master (nk (53))**

```
/****** Script for SelectTopNRows command from SSMS  ******/
SELECT TOP 1000 [Exam]
      ,[Subject]
      ,[Date]
      ,[MaxMarks]
  FROM [CollegeDB].[dbo].[ExamTB]
```

Results | Messages

	Exam	Subject	Date	MaxMarks
1	Internal Assessment II	HS2201:Communicative English	Friday, 5 May, 2023	50
2	Internal Assessment II	ES2201:Employability Enhancement Skills	Saturday, 6 May, 2023	50
3	Internal Assessment II	MA2201:Probability and Satistics	Monday, 8 May, 2023	50
4	Internal Assessment II	CS2202:Programming Data Structures C	Tuesday, 9 May, 2023	50
5	Internal Assessment II	CS2201:Application Development Practices	Wednesday, 10 May, 2023	50
6	Internal Assessment II	CS2203:Digital Principles Computer Organisation	Thursday, 11 May, 2023	50

Query executed successfully. | LAPTOP-V8DITO49\NKSQL (10.0... | nk (53) | master | 00:00:00 | 6 rows