

A

Project Report

On

Examination System support module By Using C#

Submitted in partial fulfillment of the requirements for the award of degree of

Bachelor of Science
Submitted By

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(RBS2060645)**

Submitted to

Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)



Under the guidance of

**Asst. Professor Panchal A.N
Department of Computer Science**

Shiv Chhatrapati Shikshan Sanstha's
RAJARSHI SHAHU MAHAVIDYALAYA, LATUR (AUTONOMOUS)

CERTIFICATE

This is to certify that the project entitled "**Examination System Support Module By Using C#**" has been carried out by **Mr. Kokane Deepak Balaji** under my guidance in partial fulfillment of the degree i.e. Bachelor of Science of Rajarshi Shahu Mahavidyalaya , Latur (autonomous) during the academic year 2019-2020.

APPROVED

Guided By

Asst. Professor. Panchal A.N
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Head of Department

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(Department of Computer Science)

HEAD

**Department of Computer Science
R. S. M., LATUR**

ACKNOWLEDGEMENT

First and foremost, we are grateful to **Rajarshi Shahu Mahavidyalaya (Autonomous)** for giving an opportunity to deliver project.

We would like to convey our gratitude to **Dr. M. H. Gavane**, Principal of college , who gave us necessary facilities for project.

We would like to thank Project Guide Asst. **Professor Anant N. Panchal** who guided us through doing these projects, provided with invaluable advice, helped us in journey of completing project and provided practical assistant for our project. Her willingness to motivate us contributed tremendously to the success of this project.

Besides we would like to thank all staff members who helped us by giving advice and providing facilities which we needed.

At last but not in least we would like to thank all who helped and motivated us.

With Sincere Thanks,

1. Kokane Deepak Balaji

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Abstract

- “Examination System Software ” is providing the facility to the students and Faculty to take any Exam online and Offline instead of taking exam on paper.
- This Project is based on Exam System in which we have created Desktop application for online and offline Exam for any field.
- We also included the facilities of To Manage Student Data like Roll number , Address, Mobile number, Exam Seat Number etc.
- Our Desktop application would utilize the Information Technology to cross all the barriers of human workload and make it comfortable for all Teachers or administrators who wish to give their choice-of- Questions well in anticipation whilst.
- It contains various forms and reports with different function, Above all, our Desktop application would be very simple and user-friendly, so that even an Internet layman or a simple user can easily get comfortable with it.

Along with the functional aspects of “Examination System ” additional attention would also be paid to its non-functional aspects such as performance, availability and security.

Introduction

This proposed System is basically used by three users Administrator, students, and Teachers. The System takes information from the new Students who want to give the Exam. The Administrator shall view this information. In Examination System it is the most advantage is that time consuming and no supervisor requirement because the entire exam is taking directly on computer or laptop system. The system shell maintains Record of all students. This system shows available all the subjects and exams. If student wants to give the exam then they has to give his\her personal Information like name, exam name and so many other information's. In our Project "Examination System " it has a facility to give an online exam as well as offline. Students are choosing the Subject of the Exam which they want to give.

Examination System Support Module Provide a suitable database to Store Student as well as Teachers Data in to the Database. SQL Server 2008 can manages The data into database and Visual Studio 2015 is used to Create a smarter View of Desktop Application. Data base have 10 various data Sets that can manages the different data in different manner. Examination System Support Module have Various type in forms for Various Work Such as: Teacher form - manages Teachers information ,Students form - manages Students information And so on.

Objective of Project

- To provide Database service in a easy way.
- Add information using Graphical Interface.
- On time giving a Problem Solution.
- Consistence Quality , Extension of data limlit.
- Provide MSQ and MCQ based Questions to Students
- Provide a Information of Subjects.
- Sending Information To Examination Department With Security.
- Didn't Revel any information.
- Adding Thousand of question and Answers to Examination.
- Time Consumption.
- Simple and Elegant Structure of Module.
- It Provides Delete Tab To Show the Deleted Information.
- Internal Backup data.

Project Summary

Any Teacher can Make An Question series To Examination Of Student using Following Modules.

1) Login Module

Login Module Provides a facility like remembers me, can easily login using password.

2) Teacher Module

Examination Department can maintain the information of Teachers Information.

3) Student Module

In this module Teachers can be Store Information and see all student data.

Information:	Roll No.	Address	Name	Course
	Gender	Email	Mobile	

4) Question Module

This Module is used for adding the Question To be provide the Student for Exam.

5) Subject Module

This Module Provide to Store student's Subject ID and Their name.

6) Branch Module

In that Module Maintain Branch Wise student's information.

7) Report Module

Selected Report can be send using Report Module

8) Delete Module

Delete module is created specially for examination department to delete the student as well as student data .

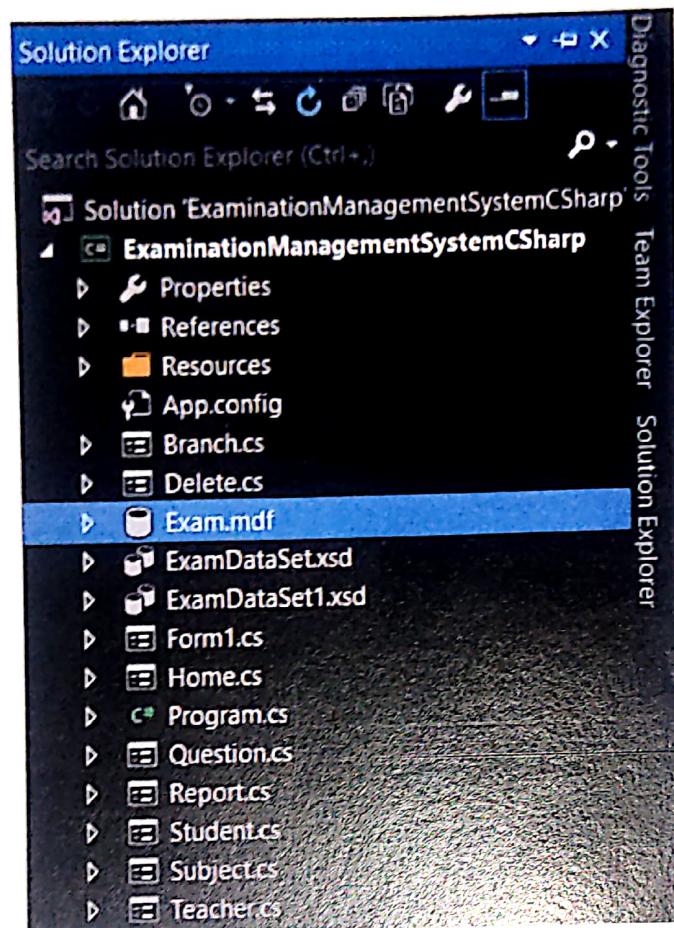
Hardware & Software Requirement

Server Side	
➤ Front End	Microsoft Visual Studio 2015
➤ Back End	Microsoft SQL server 2017
➤ OS	Windows 8 Or Windows 10
➤ Server	Microsoft SQL server

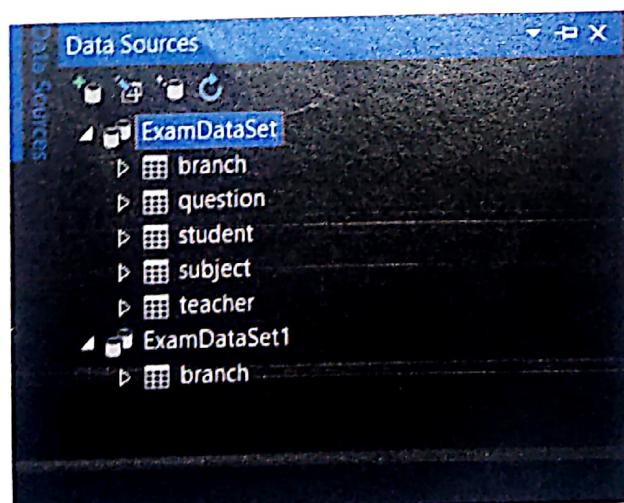
Client Side	
• Minimum Requirement	
➤ Processor	Pentium 4 or later, 1.8Ghz
➤ System Memory	2 Gb
➤ Hard Disk	40GB
• Recommended Requirements	
➤ Processor	Intel i3
➤ System Memory	4GB
➤ Hard Disk	80Gb

System Interface (Coding With Screen Short)

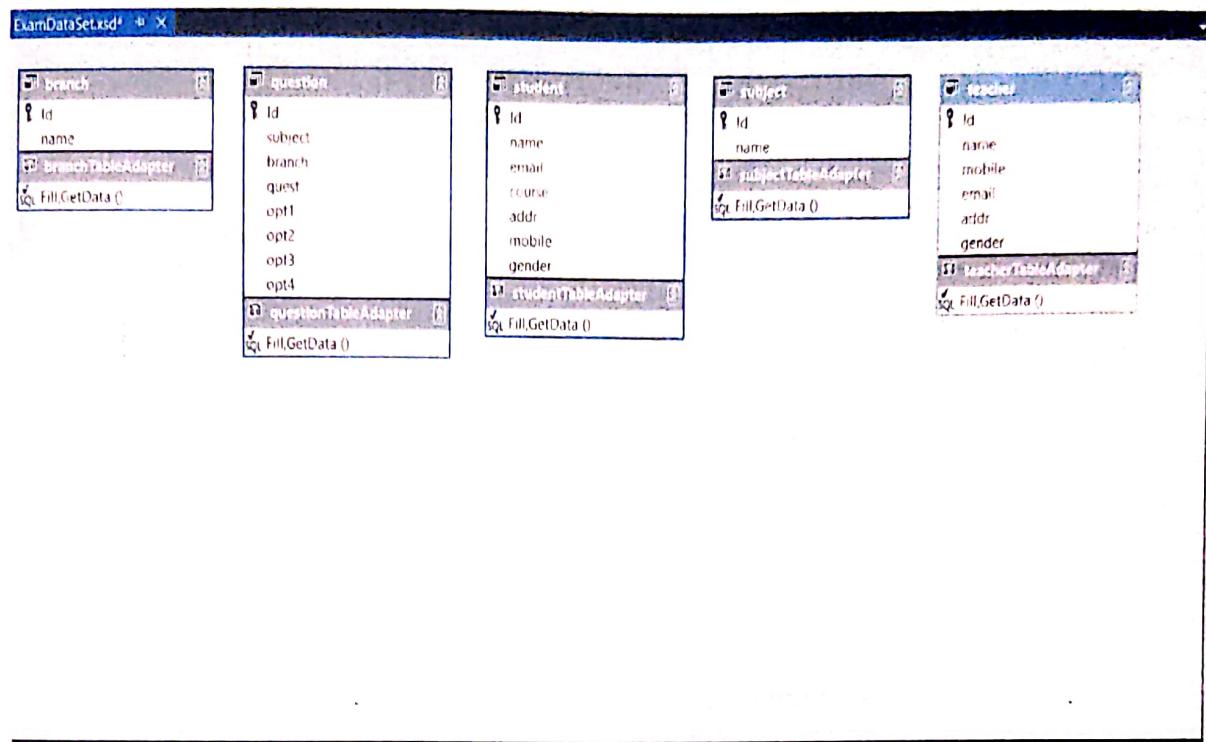
[1] Solution Explorer



[2] Data Source:

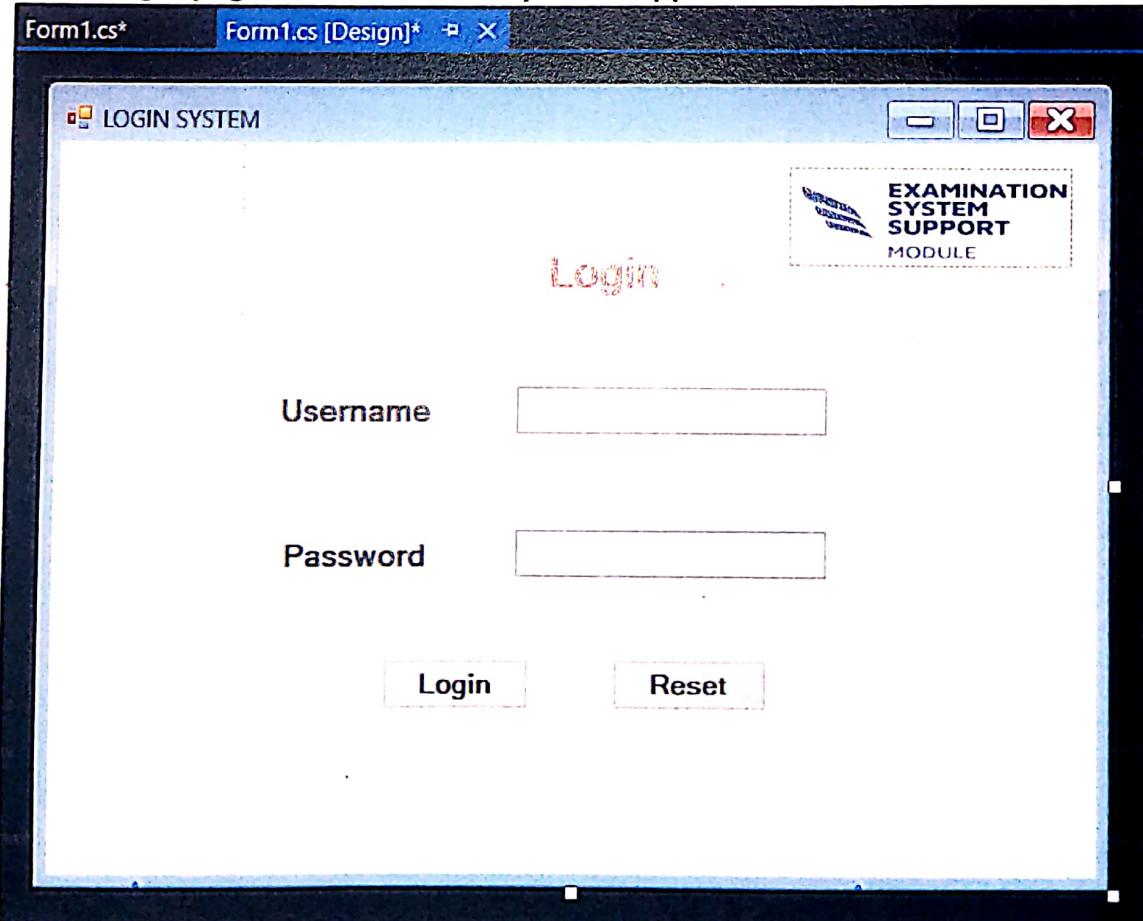


[3] Exam Data Set :



[4] DESIGN AND CODING OF PROJECT

❖ Login page of Examination System Support Module:

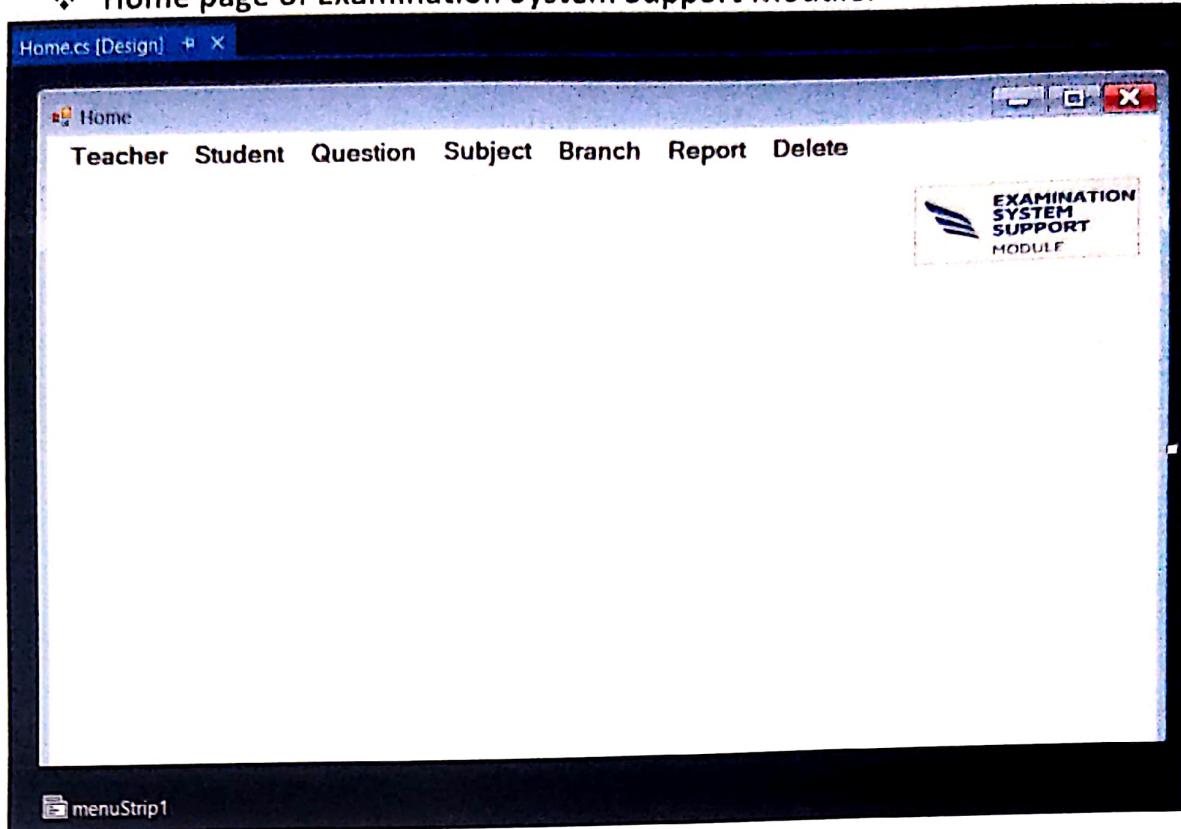


❖ **Login page Coding of Examination System Support Module:**

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        private void button1_Click(object sender, EventArgs e)
        {
            if(textBox1.Text == "system" || textBox2.Text == "system")
            {
                MessageBox.Show("You are logged in successfully..");
                this.Visible = false;
                Home obj1 = new Home();
                obj1.ShowDialog();
            }
            else
            {
                MessageBox.Show("Enter Valid Username and Password.");
            }
        }
    }
}
```

❖ Home page of Examination System Support Module:



❖ Home page Coding of Examination System Support Module:

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Home : Form
    {
        public Home()
        {
            InitializeComponent();
        }

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

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

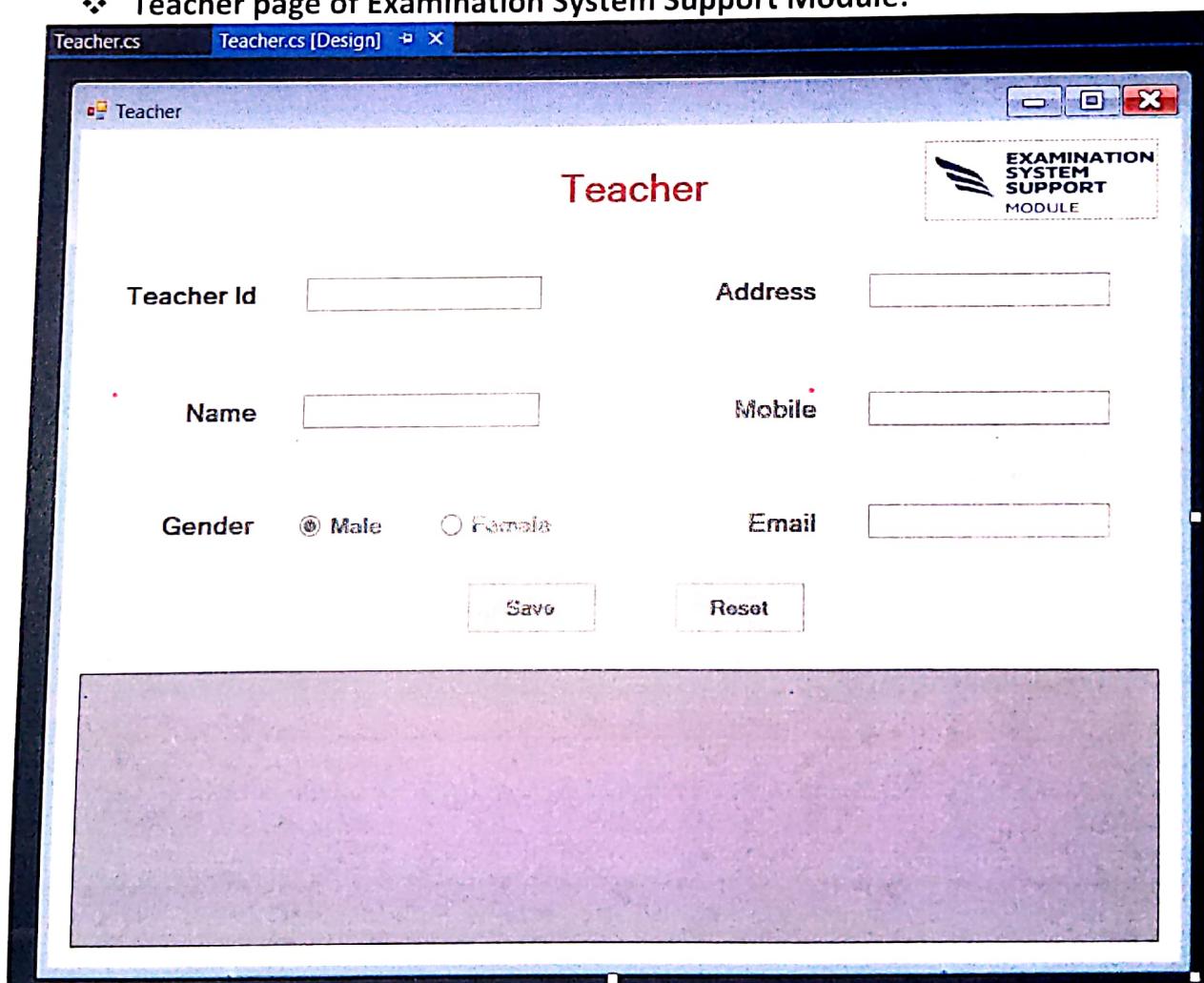
        private void questionToolStripMenuItem_Click(object sender, EventArgs e)
```

```

    {
        Question obj2 = new Question();
        obj2.ShowDialog();
    }
    private void subjectToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Subject obj3 = new Subject();
        obj3.ShowDialog();
    }
    private void branchToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Branch obj4 = new Branch();
        obj4.ShowDialog();
    }
    private void reportToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Report obj5 = new Report();
        obj5.ShowDialog();
    }
    private void exitToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Delete obj6 = new Delete();
        obj6.ShowDialog();
    }
}
}
}

```

❖ Teacher page of Examination System Support Module:



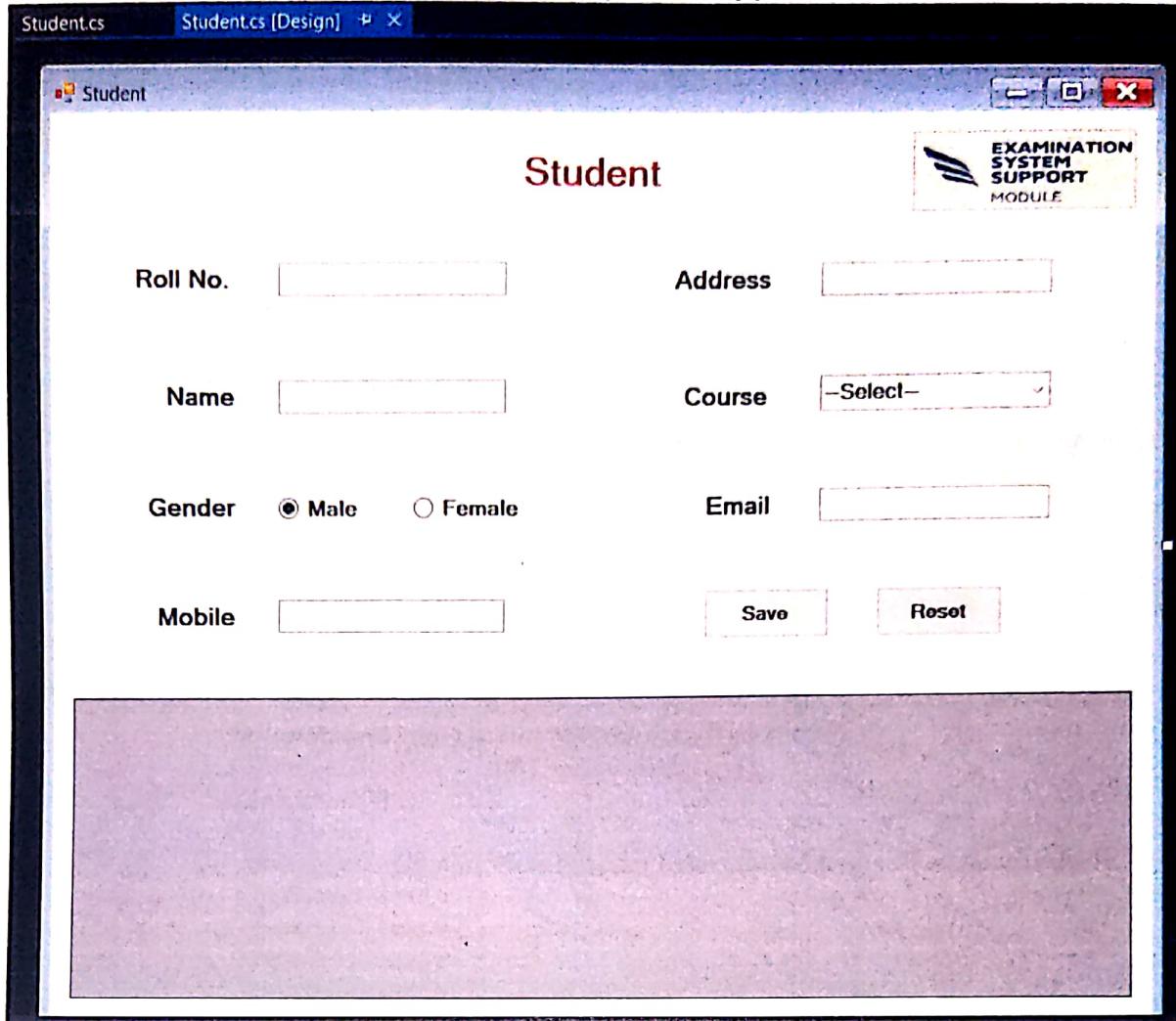
❖ Teacher page of Examination System Support Module:

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Teacher : Form
    {
        public Teacher()
        {
            InitializeComponent();
        }
        private void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();
            string gen = string.Empty;
            if (RadioButton1.Checked)
            {
                gen = "Male";
            }
            else if (RadioButton2.Checked)
            {
                gen = "Female";
            }
            try
            {
                string str = " INSERT INTO teacher(name,mobile,email,addr,gender) VALUES("
+ TextBox2.Text + "','" + TextBox5.Text + "','" + TextBox3.Text + "','" + TextBox4.Text +
"','" + gen + "); ";
                SqlCommand cmd = new SqlCommand(str, con);
                cmd.ExecuteNonQuery();
                string str1 = "select max(Id) from teacher;";
                SqlCommand cmd1 = new SqlCommand(str1, con);
                SqlDataReader dr = cmd1.ExecuteReader();
                if (dr.Read())
                {
                    MessageBox.Show("New Teacher Information Registered Successfully..");
                    TextBox1.Text = "";
                    TextBox2.Text = "";
                    TextBox3.Text = "";
                    TextBox4.Text = "";
                    TextBox5.Text = "";
                }
            }
        }
    }
}
```

```
        }
        this.Close();
    }
    catch (SqlException excep)
    {
        MessageBox.Show(excep.Message);
    }
    con.Close();
}
private void Button2_Click(object sender, EventArgs e)
{
    TextBox1.Text = "";
    TextBox2.Text = "";
    TextBox3.Text = "";
    TextBox4.Text = "";
    TextBox5.Text = "";
}
private void Teacher_Load(object sender, EventArgs e)
{
    using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
    {
        string str = "SELECT * FROM teacher";
        SqlCommand cmd = new SqlCommand(str, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);
        dataGridView1.DataSource = new BindingSource(dt, null);
    }
}
```

❖ Student page of Examination System Support Module:



❖ Student page Coding of Examination System Support Module:

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Student : Form
    {
        public Student()
        {
            InitializeComponent();
        }
        private void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
```

```

2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
        con.Open();
        string gen = string.Empty;
        if (RadioButton1.Checked)
        {
            gen = "Male";
        }
        else if (RadioButton2.Checked)
        {
            gen = "Female";
        }
        try
        {
            string str = " INSERT INTO student(name,email,course,addr,mobile,gender)
VALUES('" + TextBox2.Text + "','" + TextBox5.Text + "','" + ComboBox1.Text + "','" +
TextBox4.Text + "','" + TextBox3.Text + "','" + gen + "') ";
            SqlCommand cmd = new SqlCommand(str, con);
            cmd.ExecuteNonQuery();
            //-----
            string str1 = "select max(Id) from student;";
            SqlCommand cmd1 = new SqlCommand(str1, con);
            SqlDataReader dr = cmd1.ExecuteReader();
            if (dr.Read())
            {
                MessageBox.Show("New Student Information Registered Successfully..");
                TextBox1.Text = "";
                TextBox2.Text = "";
                TextBox3.Text = "";
                TextBox4.Text = "";
                TextBox5.Text = "";
                ComboBox1.Text = "--Select--";
            }
            this.Close();
        }
        catch (SqlException excep)
        {
            MessageBox.Show(excep.Message);
        }
        con.Close();
    }
    private void Button2_Click(object sender, EventArgs e)
    {
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox3.Text = "";
        TextBox4.Text = "";
        TextBox5.Text = "";
        ComboBox1.Text = "--Select--";
    }
    private void Student_Load(object sender, EventArgs e)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio

```

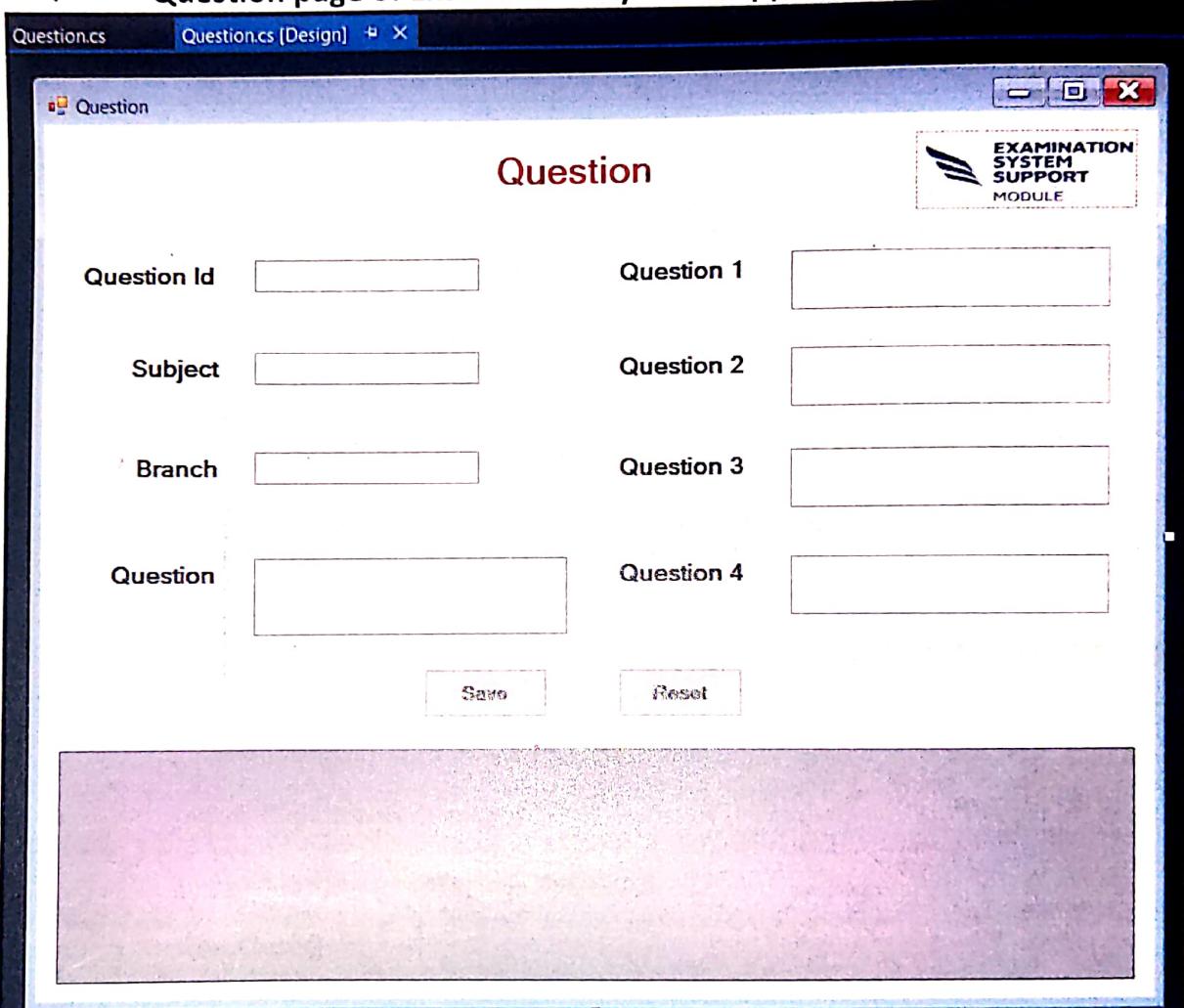
```

2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
{
    string str = "SELECT * FROM student";
    SqlCommand cmd = new SqlCommand(str, con);
    SqlDataAdapter da = new SqlDataAdapter(cmd);
    DataTable dt = new DataTable();
    da.Fill(dt);

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

```

❖ **Question page of Examination System Support Module:**



❖ **Question page Coding of Examination System Support Module:**

```

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

```

```

using System.Data.SqlClient;

namespace ExaminationManagementSystemCSharp
{
    public partial class Question : Form
    {
        public Question()
        {
            InitializeComponent();
        }

        private void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();

            try
            {
                string str = " INSERT INTO question(subject,branch,quest,opt1,opt2,opt3,opt4)
VALUES('" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox5.Text + "','" +
TextBox6.Text + "','" + TextBox4.Text + "','" + TextBox7.Text + "','" + TextBox8.Text +
"'); ";
                SqlCommand cmd = new SqlCommand(str, con);
                cmd.ExecuteNonQuery();

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

                SqlCommand cmd1 = new SqlCommand(str1, con);
                SqlDataReader dr = cmd1.ExecuteReader();
                if (dr.Read())
                {
                    MessageBox.Show("New question Information Registered Successfully..");

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

        private void Button2_Click(object sender, EventArgs e)
        {
            TextBox1.Text = "";
            TextBox2.Text = "";
            TextBox3.Text = "";
            TextBox4.Text = "";
            TextBox5.Text = "";
            TextBox6.Text = "";
            TextBox7.Text = "";
            TextBox8.Text = "";
        }
    }
}

```

```

        }

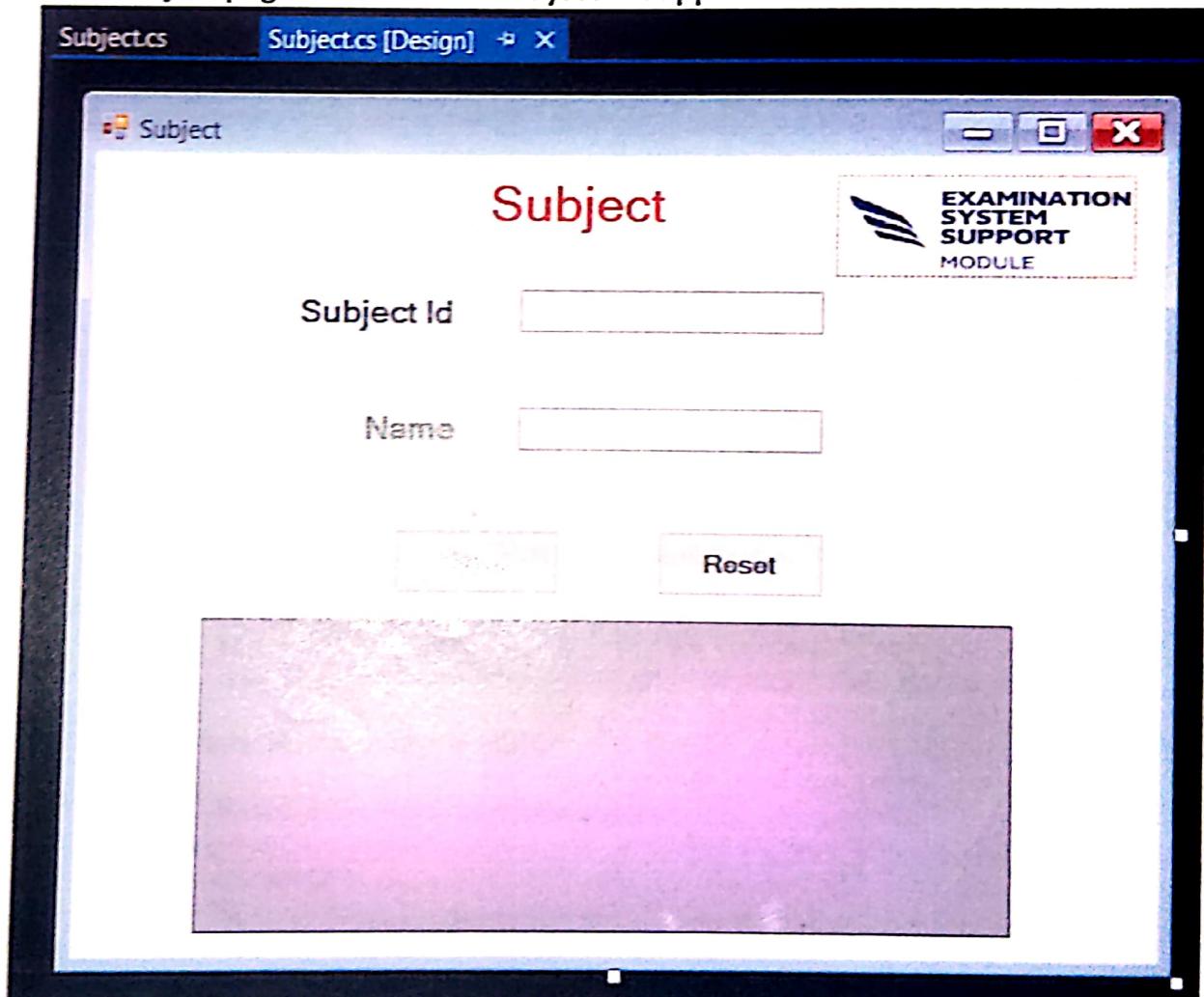
        private void Question_Load(object sender, EventArgs e)
        {
            using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
            {

                string str = "SELECT * FROM question";
                SqlCommand cmd = new SqlCommand(str, con);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataTable dt = new DataTable();
                da.Fill(dt);

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

```

❖ Subject page of Examination System Support Module:



❖ **Subject page Coding of Examination System Support Module:**

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Subject : Form
    {
        public Subject()
        {
            InitializeComponent();
        }

        private void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();
            try
            {
                string str = " INSERT INTO subject(name) VALUES('" + TextBox2.Text + "'); ";
                SqlCommand cmd = new SqlCommand(str, con);
                cmd.ExecuteNonQuery();
                string str1 = "select max(Id) from subject;";

                SqlCommand cmd1 = new SqlCommand(str1, con);
                SqlDataReader dr = cmd1.ExecuteReader();
                if (dr.Read())
                {
                    MessageBox.Show("New subject Information Registered Successfully..");
                    TextBox1.Text = "";
                    TextBox2.Text = "";
                }
                this.Close();
            }
            catch (SqlException excep)
            {
                MessageBox.Show(excep.Message);
            }
            con.Close();
        }

        private void Button2_Click(object sender, EventArgs e)
        {
            TextBox1.Text = "";
            TextBox2.Text = "";
        }

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

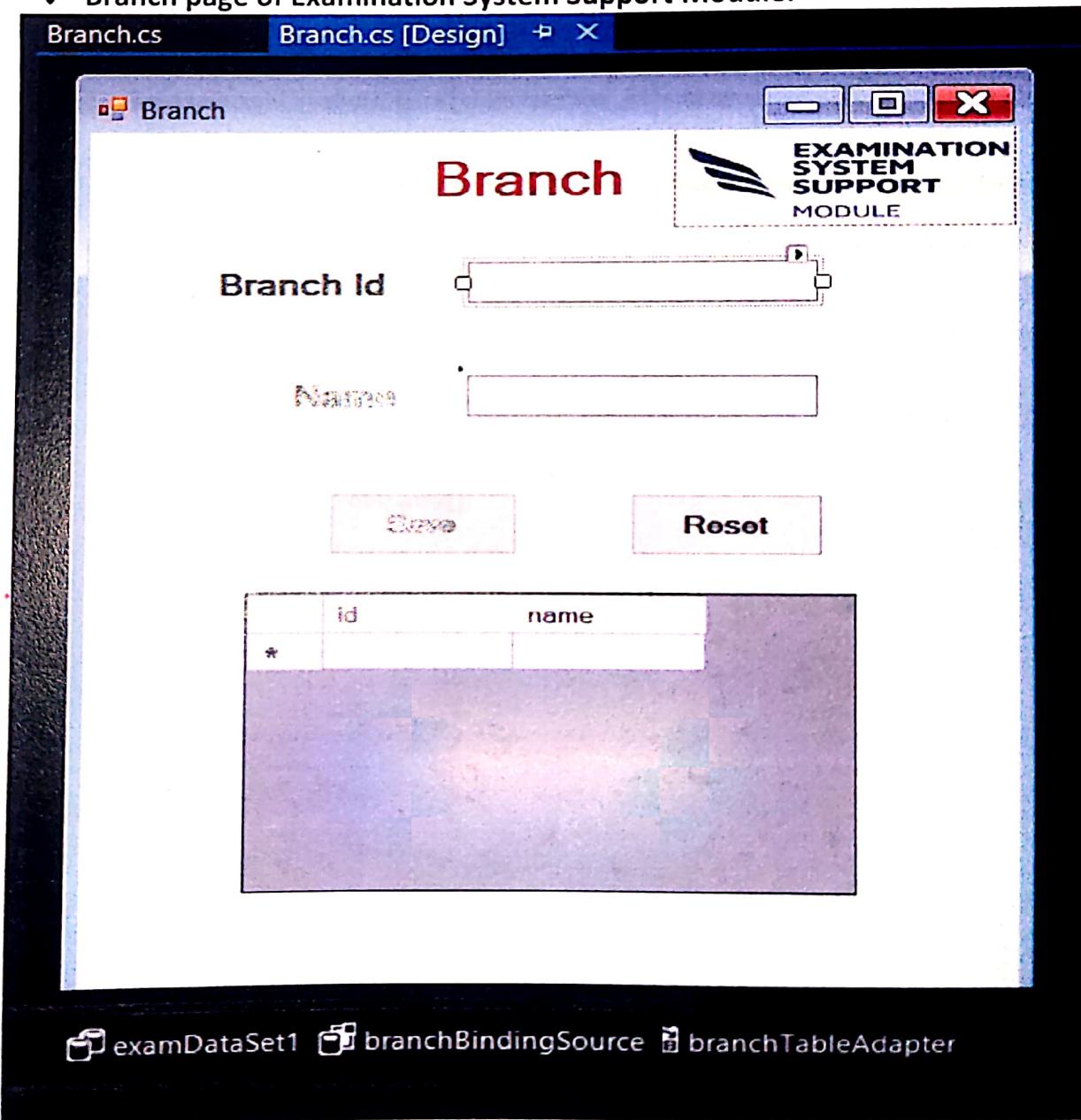
```

    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
    {

        string str = "SELECT * FROM subject";
        SqlCommand cmd = new SqlCommand(str, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);
        dataGridView1.DataSource = new BindingSource(dt, null);
    }
}
}
}
}

```

❖ Branch page of Examination System Support Module:



❖ **Branch page Coding of Examination System Support Module:**

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Branch : Form
    {
        public Branch()
        {
            InitializeComponent();
        }

        private void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();

            try
            {
                string str = " INSERT INTO branch(name) VALUES('" + TextBox2.Text + "'); ";

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

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

                SqlCommand cmd1 = new SqlCommand(str1, con);
                SqlDataReader dr = cmd1.ExecuteReader();
                if (dr.Read())
                {
                    MessageBox.Show("New Branch Details Inserted Successfully..");
                    TextBox1.Text = "";
                    TextBox2.Text = "";

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

        private void Button2_Click(object sender, EventArgs e)
```

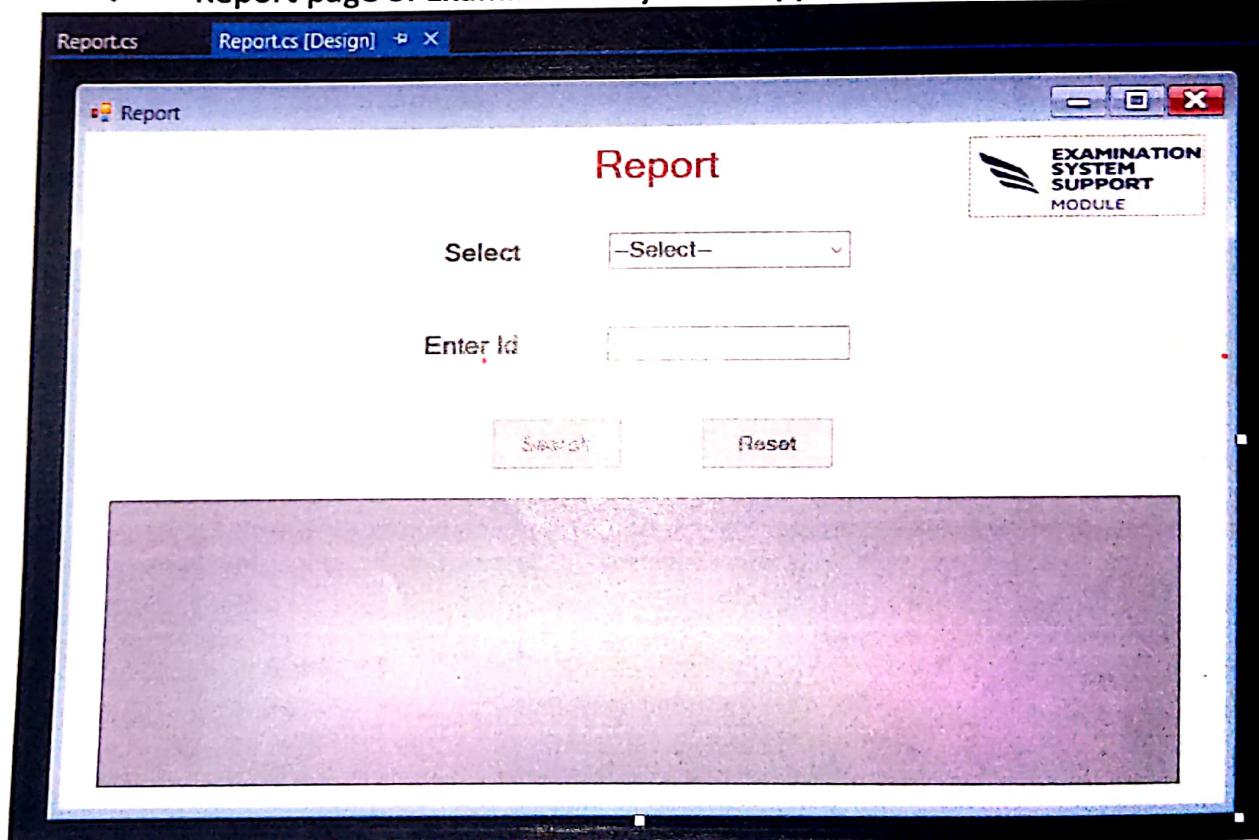
```

    {
        TextBox1.Text = "";
        TextBox2.Text = "";
    }

    private void Branch_Load(object sender, EventArgs e)
    {
        // TODO: This line of code loads data into the 'examDataSet1.branch' table. You
        can move, or remove it, as needed.
        this.branchTableAdapter.Fill(this.examDataSet1.branch);
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
        {
            string str = "SELECT * FROM branch";
            SqlCommand cmd = new SqlCommand(str, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();
            da.Fill(dt);
            dataGridView1.DataSource = new BindingSource(dt, null);
        }
    }
}

```

❖ Report page of Examination System Support Module:



❖ Report page Coding of Examination System Support Module:
using System;
using System.Collections.Generic;

```

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Report : Form
    {
        public Report()
        {
            InitializeComponent();
        }

        private void ComboBox1_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (ComboBox1.SelectedIndex == 0)
            {
                using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
                {

                    string str = "SELECT * FROM teacher ";
                    SqlCommand cmd = new SqlCommand(str, con);
                    SqlDataAdapter da = new SqlDataAdapter(cmd);
                    DataTable dt = new DataTable();
                    da.Fill(dt);

                    dataGridView1.DataSource = new BindingSource(dt, null);
                }
            }
            else if (ComboBox1.SelectedIndex == 1)
            {
                using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
                {

                    string str = "SELECT * FROM student";
                    SqlCommand cmd = new SqlCommand(str, con);
                    SqlDataAdapter da = new SqlDataAdapter(cmd);
                    DataTable dt = new DataTable();
                    da.Fill(dt);

                    dataGridView1.DataSource = new BindingSource(dt, null);
                }
            }
            else if (ComboBox1.SelectedIndex == 2)

```

```

    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
    {

        string str = "SELECT * FROM question ";
        SqlCommand cmd = new SqlCommand(str, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);

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

}

else if (ComboBox1.SelectedIndex == 3)
{
    using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
    {

        string str = "SELECT * FROM subject";
        SqlCommand cmd = new SqlCommand(str, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);

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

else if (ComboBox1.SelectedIndex == 4)
{
    using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
    {

        string str = "SELECT * FROM branch";
        SqlCommand cmd = new SqlCommand(str, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);

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

```

```

private void Button1_Click(object sender, EventArgs e)
{
    if (ComboBox1.SelectedIndex == 0)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
        {

            string str = "SELECT * FROM teacher WHERE Id = '" + TextBox1.Text + "'";
            SqlCommand cmd = new SqlCommand(str, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();
            da.Fill(dt);

            dataGridView1.DataSource = new BindingSource(dt, null);
        }
    }
    else if (ComboBox1.SelectedIndex == 1)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
        {

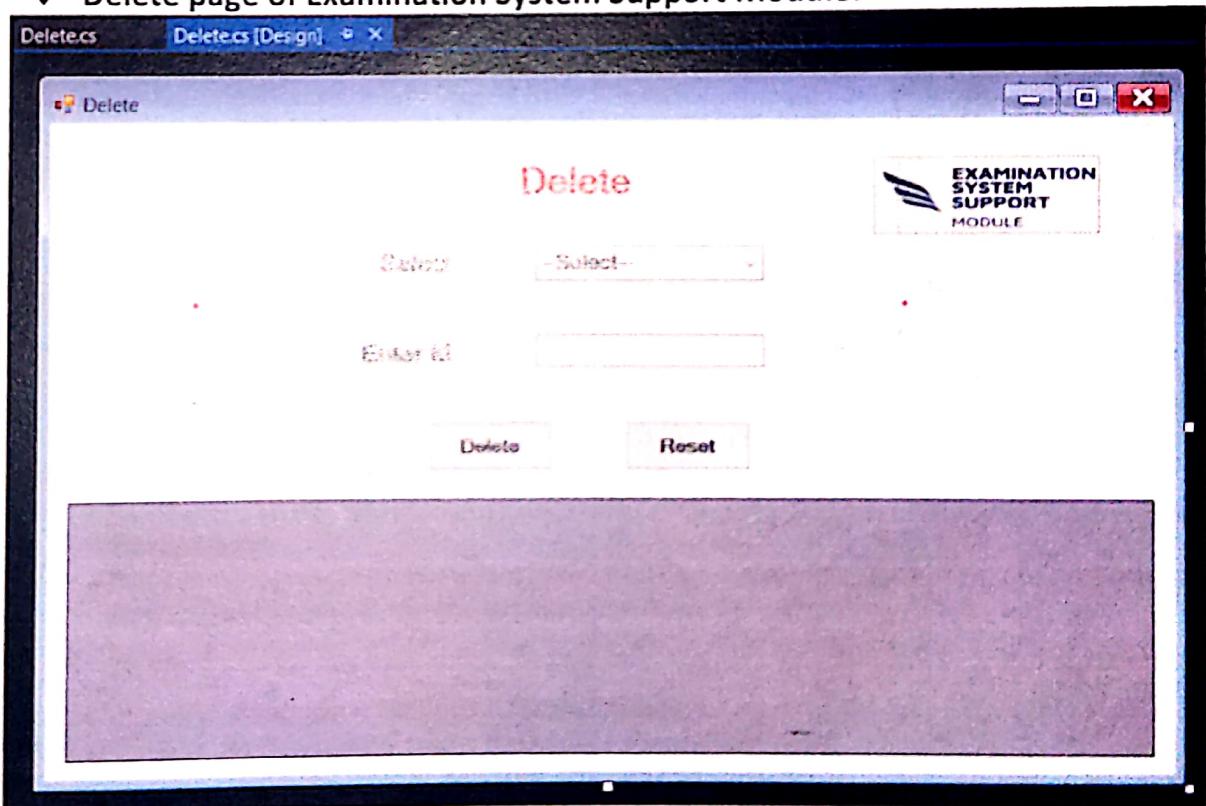
            string str = "SELECT * FROM student WHERE Id = '" + TextBox1.Text + "'";
            SqlCommand cmd = new SqlCommand(str, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();
            da.Fill(dt);

            dataGridView1.DataSource = new BindingSource(dt, null);
        }
    }
    else if (ComboBox1.SelectedIndex == 2)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
        {
            string str = "SELECT * FROM question WHERE Id = '" + TextBox1.Text + "'";
            SqlCommand cmd = new SqlCommand(str, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();
            da.Fill(dt);
            dataGridView1.DataSource = new BindingSource(dt, null);
        }
    }
    else if (ComboBox1.SelectedIndex == 3)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\

```

```
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
{ string str = "SELECT * FROM subject WHERE Id = '" + TextBox1.Text + "'";
  SqlCommand cmd = new SqlCommand(str, con);
  SqlDataAdapter da = new SqlDataAdapter(cmd);
  DataTable dt = new DataTable();
  da.Fill(dt);
  dataGridView1.DataSource = new BindingSource(dt, null);
}
}
else if (ComboBox1.SelectedIndex == 4)
{
  using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
  { string str = "SELECT * FROM branch WHERE Id = '" + TextBox1.Text + "'";
    SqlCommand cmd = new SqlCommand(str, con);
    SqlDataAdapter da = new SqlDataAdapter(cmd);
    DataTable dt = new DataTable();
    da.Fill(dt);
    dataGridView1.DataSource = new BindingSource(dt, null);
  }
}
}
```

❖ Delete page of Examination System Support Module:



❖ **Delete page Coding of Examination System Support Module:**

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

namespace ExaminationManagementSystemCSharp
{
    public partial class Delete : Form
    {
        public Delete()
        {
            InitializeComponent();
        }

        private void ComboBox1_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (ComboBox1.SelectedIndex == 0)
            {
                using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
                {

                    string str = "SELECT * FROM teacher ";
                    SqlCommand cmd = new SqlCommand(str, con);
                    SqlDataAdapter da = new SqlDataAdapter(cmd);
                    DataTable dt = new DataTable();
                    da.Fill(dt);

                    dataGridView1.DataSource = new BindingSource(dt, null);
                }
            }
            else if (ComboBox1.SelectedIndex == 1)
            {
                using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
                {

                    string str = "SELECT * FROM student";
                    SqlCommand cmd = new SqlCommand(str, con);
                    SqlDataAdapter da = new SqlDataAdapter(cmd);
                    DataTable dt = new DataTable();
                    da.Fill(dt);

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

```

        }
    }
    else if (ComboBox1.SelectedIndex == 2)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
        {

            string str = "SELECT * FROM question ";
            SqlCommand cmd = new SqlCommand(str, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();
            da.Fill(dt);

            dataGridView1.DataSource = new BindingSource(dt, null);
        }
    }
    else if (ComboBox1.SelectedIndex == 3)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
        {

            string str = "SELECT * FROM subject";
            SqlCommand cmd = new SqlCommand(str, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();
            da.Fill(dt);

            dataGridView1.DataSource = new BindingSource(dt, null);
        }
    }
    else if (ComboBox1.SelectedIndex == 4)
    {
        using (SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True"))
        {

            string str = "SELECT * FROM branch";
            SqlCommand cmd = new SqlCommand(str, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            DataTable dt = new DataTable();
            da.Fill(dt);

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

```

```

}

private void Button1_Click(object sender, EventArgs e)
{
    if(ComboBox1.SelectedIndex == 0)
    {
        try
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();

            string str = "DELETE FROM teacher WHERE id = '" + TextBox1.Text + "'";

            SqlCommand cmd = new SqlCommand(str, con);
            cmd.ExecuteNonQuery();
            con.Close();
            MessageBox.Show(" Teacher's Record Delete Successfully");
            this.Close();
        }

        catch (SqlException ex)
        {
            MessageBox.Show(ex.Message);
            MessageBox.Show("Please Enter Teacher Id..");
        }
    }
    else if (ComboBox1.SelectedIndex == 1)
    {
        try
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();

            string str = "DELETE FROM student WHERE id = '" + TextBox1.Text + "'";

            SqlCommand cmd = new SqlCommand(str, con);
            cmd.ExecuteNonQuery();
            con.Close();
            MessageBox.Show(" Student's Record Delete Successfully");
            this.Close();
        }

        catch (SqlException ex)
        {
            MessageBox.Show(ex.Message);
            MessageBox.Show("Please Enter Student Id..");
        }
    }
    else if (ComboBox1.SelectedIndex == 2)
    {
        try

```

```

        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();
            string str = "DELETE FROM question WHERE id = '" + TextBox1.Text + "'";
            SqlCommand cmd = new SqlCommand(str, con);
            cmd.ExecuteNonQuery();
            con.Close();
            MessageBox.Show("Question Record Delete Successfully");
            this.Close();
        }
        catch (SqlException ex)
        {
            MessageBox.Show(ex.Message);
            MessageBox.Show("Please Enter Question Id..");
        }
    }
    else if (ComboBox1.SelectedIndex == 3)
    {
        try
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();
            string str = "DELETE FROM subject WHERE id = '" + TextBox1.Text + "'";

            SqlCommand cmd = new SqlCommand(str, con);
            cmd.ExecuteNonQuery();
            con.Close();
            MessageBox.Show(" Subject's Record Delete Successfully");
            this.Close();
        }
        catch (SqlException ex)
        {
            MessageBox.Show(ex.Message);
            MessageBox.Show("Please Enter Subject Id..");
        }
    }
    else if (ComboBox1.SelectedIndex == 4)
    {
        try
        {
            SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\Deepak\Documents\
Visual Studio
2015\Projects\examinationmanagementsystemcsharp\ExaminationManagementSyst
emCSharp\Exam.mdf;Integrated Security=True");
            con.Open();
            string str = "DELETE FROM branch WHERE id = '" + TextBox1.Text + "'";
            SqlCommand cmd = new SqlCommand(str, con);
            cmd.ExecuteNonQuery();
            con.Close();
        }
    }
}

```

```
        MessageBox.Show(" Branch's Record Delete Successfully");
        this.Close();
    }
    catch (SqlException ex)
    {
        MessageBox.Show(ex.Message);
        MessageBox.Show("Please Enter Branch Id..");
    }
}
```

Conclusion

- As taking a closer look to our system we can conclude that student satisfaction is more important to us so, we try our best to solve the student problem.
- The key concept is to minimize the amount of paper and convert all forms of documentation to digital form. It can observe that the information required can be obtained with ease and accuracy in the computerized system.
- The project was successfully designed and is tested for accuracy and quality. During this project I have accomplished all the objectives and this project meets the needs of the organization . The developed will be used in searching , retrieving and generating information for the concerned requests

References

- **Books**

- 1) C# 8.0 and .NET Core 3.0
- 2) Agile Principles, Patterns and Practices in C#
- 3) The C# Player's Guide

- **Websites**

- 1) <https://www.tutorialspoint.com/csharp/index.html>
- 2) <https://www.w3schools.com/cs>
- 3) <https://www.javatpoint.com/c-sharp-tutorial>