2021

DIPLOMA IN INFORMATION TECHNOLOGY

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BATCH - 615

DITEC-Online Final Assignment

Assignment Topic	Student Enrolment System		
Batch	615	Date Submitted	21 / 10 / 2021
Register No.	Student Name	Signature	Marks Obtained (to be filled by the Assessor)
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Register No.	Name	Signature	Date
00070375	Nethmi Isurika Daniel		21 / 10 / 2021

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Thank You.

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Introduction to the System

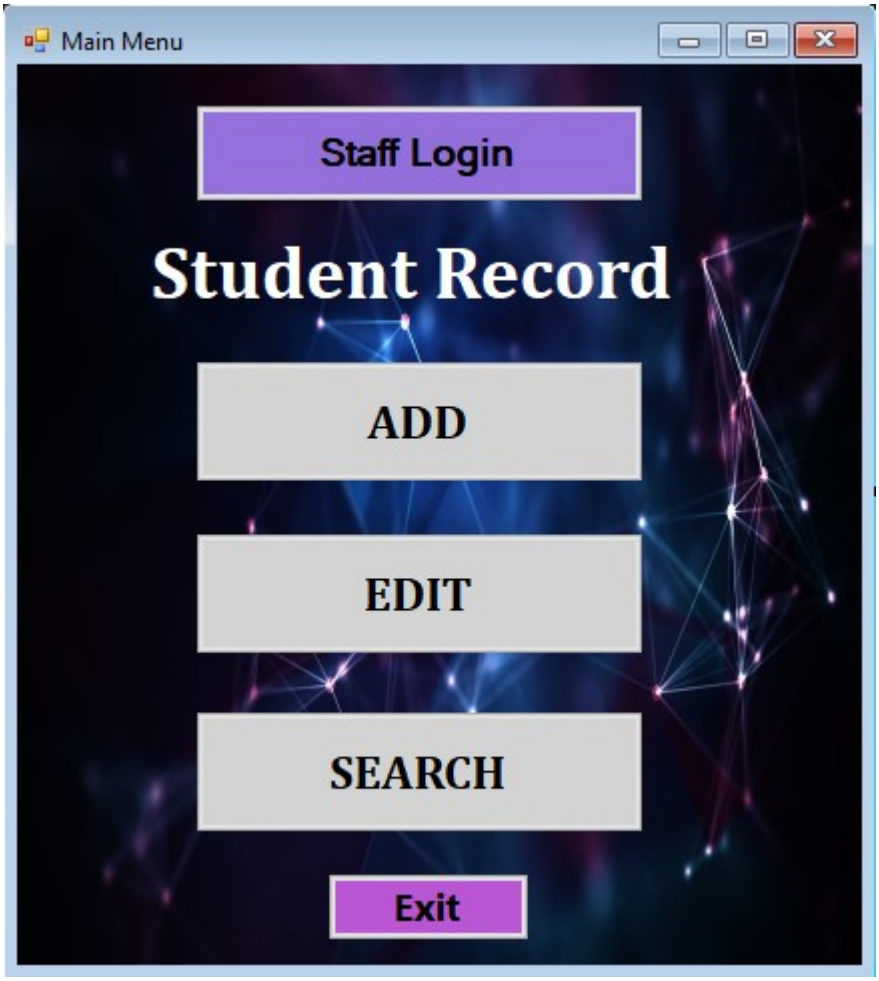
o Functional requirements

Can add, edit and delete student records and able to Search all student recodes as well. This system is used by admin staffs.

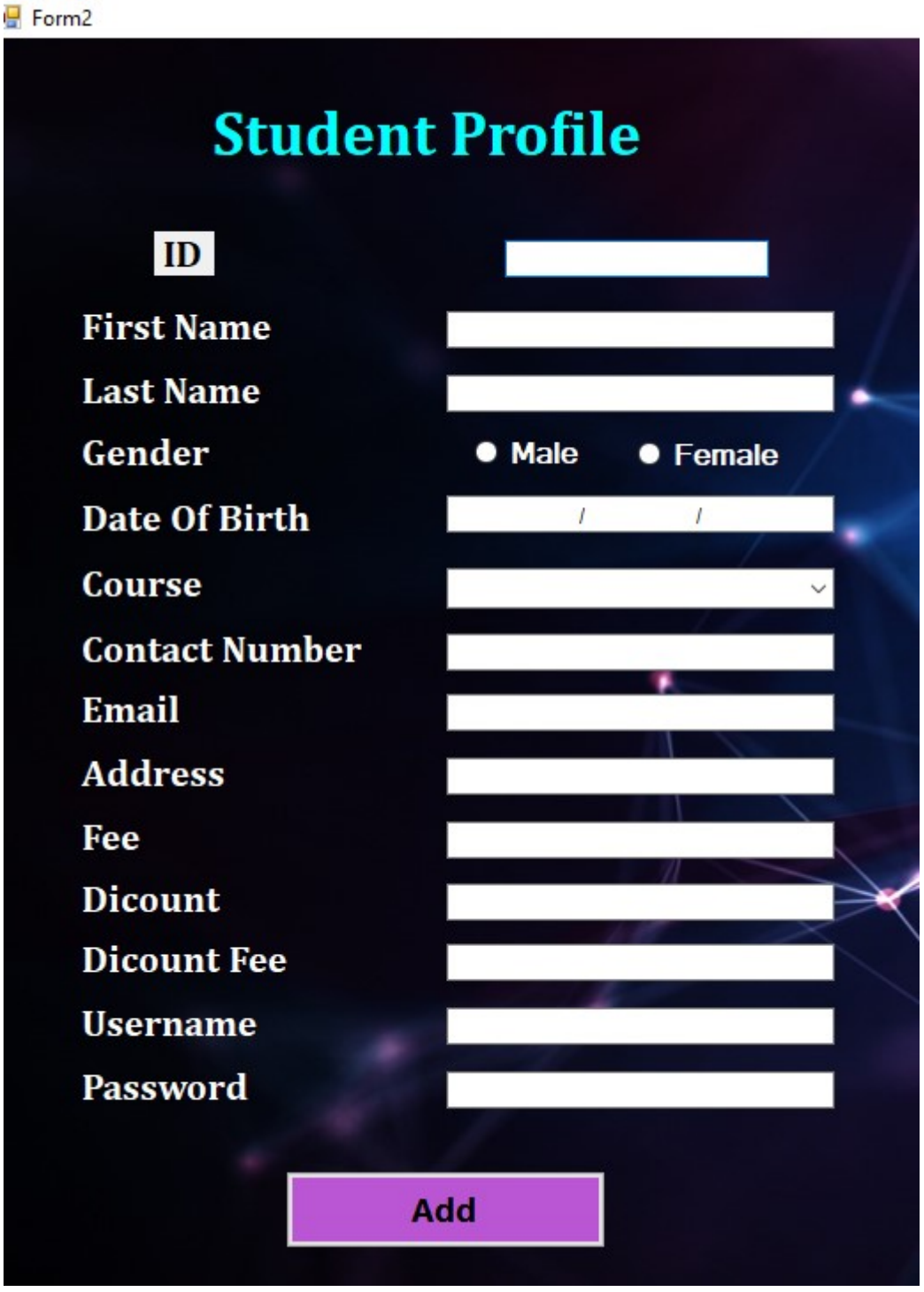
o Non - Functional requirements

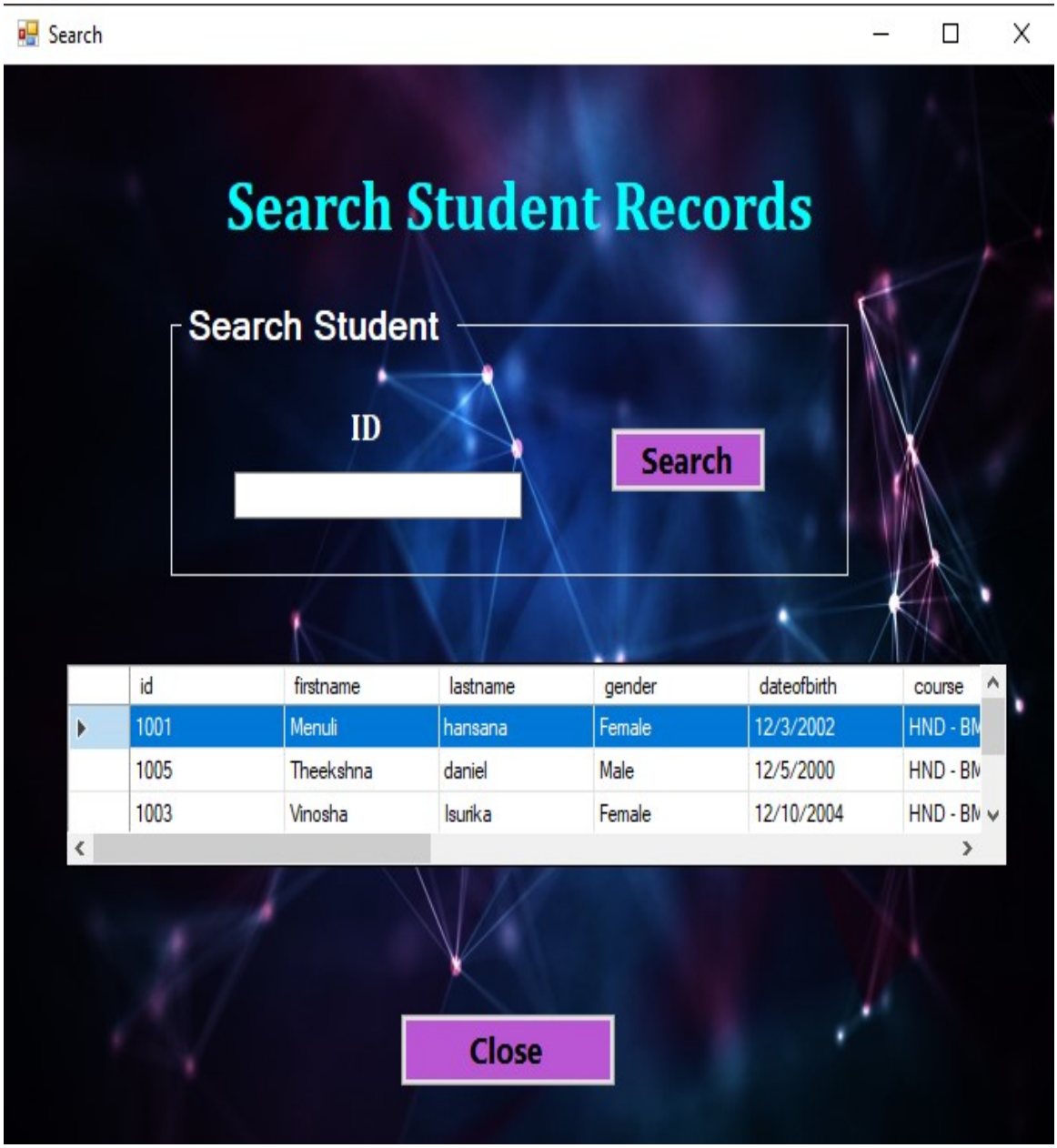
None of the admin staff cannot be add, edit, delete students records to the system. Because this system is only can handle by the staffs.

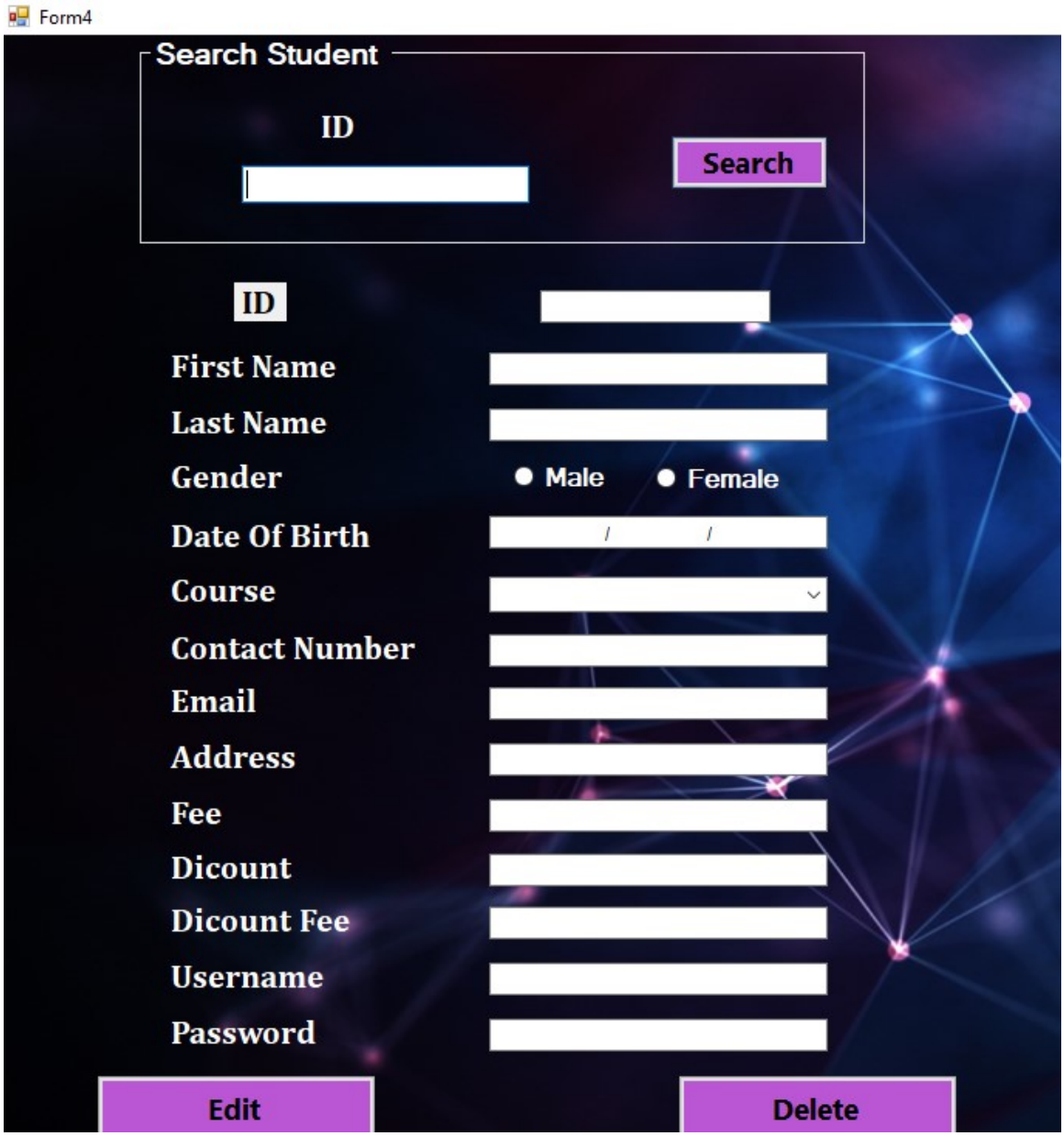
User Interface Design



Login
Login
Username
Password
Login


Form2
Student Profile
ID
First Name
Last Name
Gender
Male
Female
Date Of Birth
/ /
Course
Contact Number
Email
Address
Fee
Dicount
Dicount Fee
Username
Password
Add


Search
Search Student Records
Search Student
ID
Search
id
firstname
lastname
gender
dateofbirth
course
1001
Menuli
hansana
Female
12/3/2002
HND - BM
1005
Theekshna
daniel
Male
12/5/2000
HND - BM
1003
Vinosha
Isurika
Female
12/10/2004
HND - BM
Close


Form4
Search Student
ID
Search
ID
First Name
Last Name
Gender
Male
Female
Date Of Birth
Course
Contact Number
Email
Address
Fee
Dicount
Dicount Fee
Username
Password
Edit
Delete

Program Code Listing

- To Calculate Discount –

```
float fee = float.Parse(textBox8.Text);
float discount = float.Parse(textBox9.Text);

float disRare = fee - discount;

textBox10.Text = disRare.ToString();
```

- Exit Button –

```
Application.Exit();
```

- Login Page -

```
try
{

    String username = textBox1.Text;
    String password = textBox2.Text;

    SqlDataAdapter sda = new SqlDataAdapter("select count(*) from Een
where username = '" + username + "' and password = '" + password + "' ", con);

    //Retreive the value to a table
    DataTable dt = new DataTable();

    //Filling the value to the data table
    sda.Fill(dt);


    if (dt.Rows[0][0].ToString() == "1")
    {

        this.Hide();
        //Direct the user to the form1
        //New keyword is use to creat a new object

        Form1 Ob = new Form1();
        //To show the form
        Ob.Show();
```

```
                }
                else
                {

                }
```

```
                MessageBox.Show("Login Successfully!!", "Success",
MessageBoxButtons.OK, MessageBoxIcon.Information);
            }

            catch
            {
                MessageBox.Show("Can't Loggin..", "Error", MessageBoxButtons.OK,
MessageBoxIcon.Error);
            }
```

Screenshots of the database

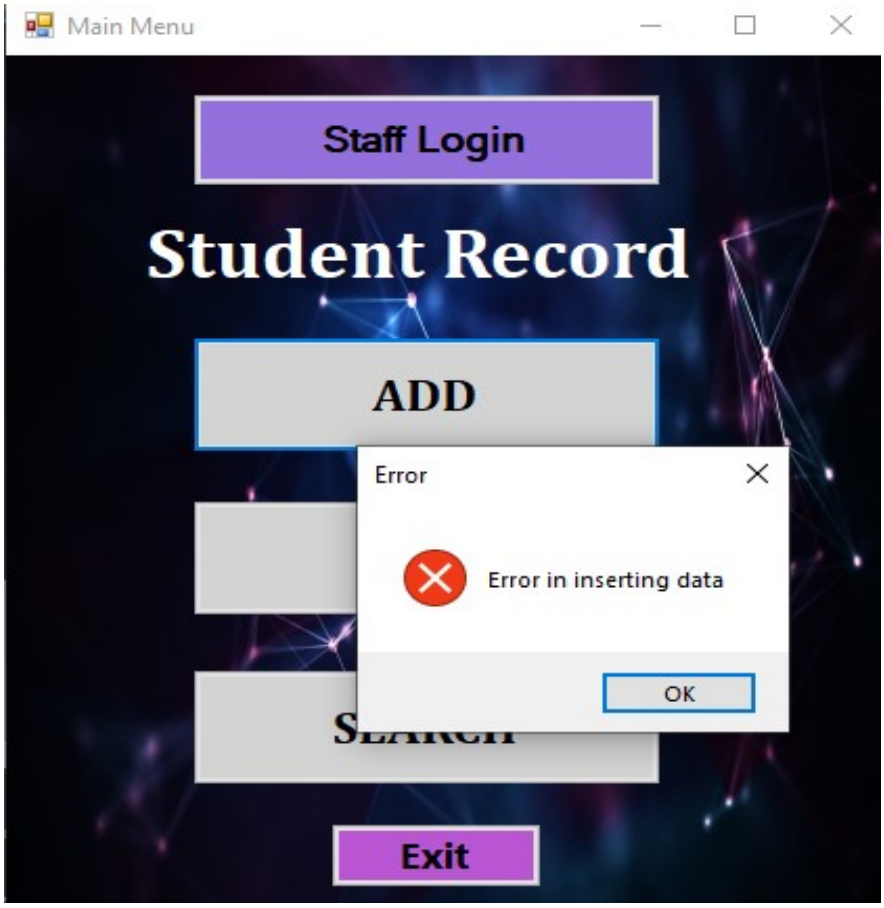
Column Name	Data Type	Allow Nulls
id	int	☐
firstname	varchar(50)	☐
lastname	varchar(50)	☐
gender	char(10)	☐
dateofbirth	int	☐
course	varchar(50)	☐
contactnumber	int	☐
email	varchar(50)	☐
address	varchar(50)	☐
fee	float	☐
discount	float	☐
discountfee	float	☐
username	varchar(50)	☐
password	varchar(50)	☐
		☐

Login page datebase

	Column Name	Data Type	Allow Nulls
▶	username	varchar(50)	☐
	password	varchar(50)	☐
			☐

	username	password
▶	Menaka	M7822
	Daniel	D4560
	Nethmi	N1234
*	*NULL*	*NULL*

Screen shots of the system demonstrate the functions of the System and Error Message



Simple User guide on how to operate the system

i. Click on the “Staff Login Button” next we are direct to the “Login page” Next show the staff to login and the staff enter the username and password. When the staff login to the system the staff can see “Main Menu page”.

ii. Click on the "Add Button" it redirects to the "Student Profile" page. We can add new student.

iii. Click on the "Edit Button" next we can edit and delete student records.

iv. Click on the "Search Button" and we can search all student records from the database.

Future Enhancement & Conclusion

I would like to send an e-mail or message to the student with the student password and ID number. I will add the student profile picture.

References

- Di-Tech Book
- You Tube

- Google

THANK YOU.