Studio Management System

ESOFT
The Leader in Professional ICT Education

Batch 56

DiTEC
INTERNATIONAL

Title Page

To be filled by the Student

Name of the Student : Udith weerasinghe

Registration no : kan/A-004282 Contact Number: 0766957399 Batch: 56

Date of Submission :

Final Project Information

Qualification : **Pearson Assured Diploma in information Technology**

Project Title: Studio Management System

Proposed Organization Name : Kandy Films (pvt) Ltd

Proposed Organization Address : No.29/A/1/1,Sri SumangalaMw,Asgiriya,Kandy

Document Information

Total Number of Pages :114

Group Leader Name : Udith weerasinghe

Group Members Details :

Name	Contact Number
01. Udith weerasinghe	076 6957399
02. Chamika Liyanage	071 3666080
03. Mursaleen Maheesha	076 5438877
04. Dimalsha Abeyratne	071 8349572
05. Sitharika Dhananjani	077 2869536

Lecturer Name : **Coordinator/Manager** :
Date Submission : **Date Reviewed** :
Date Issued : **Days Due**

LECTURER EVALUATION FORM

Lecturer evaluation form			
Lecturer Name			
Batch No			
Project Title			
Total Team members			
Total numbers of pages			
If you satisfied about following criteria can apply maximum 2 marks minimum 1 Marks			
Description	**Yes / No**	**Comment**	**Marks**
System Requirements and Description			
Objectives of the project			
Project scope			
Software Feasibility description			
Internal and external functions			
Existing system description			
Fact finding techniques			
System architecture diagram			
Flow charts			
Data entity diagram			
Class diagrams			
Interfaces			
Table structure			
Implementation chart			
Systems requirements			
Black box testing			
White box testing			
Issues of the applications			
Future issues of the applications.			
Are you satisfied			
		Total Marks	
Lecture Signature:			

Acknowledgement

Before we get into thick of things, we would like to add few words of appreciation for the people who have been a part of this project right from its inception. The writing of this project has been one of the significant academic challenges we have faced and without the support, patience and guidance of the people involved, this task would not have been completed. It is to them I owe my deepest gratitude.

It gives us a great pleasure in presenting this project report of "Studio Management System". It has been our privilege to have a team of project guide who have assisted us from the commencement of this project .The success of this project is a result of this sheer hard work, and determination of us with the help of our project guide. We hereby take this opportunity to add a special note of thanks to Mr. AmilaSiriwardana who undertook to act as our mentor despite his many other academic and professional commitments. His wisdom, knowledge, and commitment to the highest standards inspired and motivated us. Without his insight, Support and energy, this project wouldn't have kick-started and neither would have reached fruitfulness.

We also feel heartiest sense of obligation to Mr.A.T. Selvam, the staff members & seniors and who helped us in collection of data & resource material & also in its processing as well as in drafting manuscript. The project is dedicated to all those people, who helped us while doing this project.

Our thanks and appreciation also goes to all the group members and those who supported us beyond their capacity to make this project a success.

Abstract

The digital revolution is far more significant than the invention of writing or even of printing.

The above quote was stated by Douglas Engelbart. As we are living in the information era we all know the computer systems are the most reliable and accurate systems that fulfills the quotidian activities of the human race. The time is precious. Therefore saving time is a challenge these days. The computer systems that have been replaced most of organizations shows better results in almost all the ways compared to human systems.

The studio management system that we developed to Kandy Films Asgiriya is a great opportunity that we got our lives. Until recently they used a manual system. Mostly they were using a single diary to keep records of all the events that they were covering. After the software was developed and a database is also attached they have found it so easy to keep records and to maintain their studio.

Table of Content

Name	Page
1. Background and project Need for this project I. Objectives of the project II. Outline and description of the purpose 2. Feasibility analysis I. Technical feasibility II. Economical feasibility 3. Analysis report I. Existing system II. Our system compared to the existing III. Fact finding techniques to gather requirements 4. Application designing I. System architecture diagram II. Flow charts III. Use case diagram IV. Class diagram 5. Software development I. Interfaces II. Coding III. Data table structures 6. Implementation and evaluation 7. Testing reports I. System requirements II. Black box testing III. White box testing 8. Application maintenance and agreements with client. 9. Client agreement letter	

Background and Project

Need for this Project

This Project is the result of the knowledge that was gained from our 06-month learning at E-SOFT from the modules that are required for the Diploma in Information Technology.
We look forward demonstrating our organizing, technical skills, project management knowledge, time management, team work, software management, logical as well as some creative thinking by undertaking a disciplined work to cater for a real world scenario by developing a suitable software system of an acceptable scope.
We decided developing software to the Kandy films studio - asgiriya. We believe by doing this software, we will not only able to improve and develop our knowledge and skills in this field, but can help the client in overcoming the difficulties that are experiencing by them.

Objectives of the project

1. To implement the knowledge gained in E-Soft.
2. To provide a better system to maintain accounting records.
3. To help clients to overcome their present difficulties.
4. To help clients to complete their work with ease and short period

Outline and Description of the purpose

The basic objective of the Studio Management System is to replace the existing written system into a computer based system, so that the user will be able to perform tasks related to studio with much easily. Besides that the new software will help to complete work within a short period, and information stored in the system will be safe. The software can be edited, view and delete information related to customers, staff and videos, etc. It can also update information of booking or cancelling videos. Furthermore, it has a login address with password which will help to use only by selected users, which is required for maintaining safety of the information stored in the system.

Scope of the project

1. To make the existing system more efficient.
2. To provide a user friendly environment where user can be serviced better.
3. Make functioning of studio faster.
4. Provide a system where the staff can catch defaulters and not let them escape.

Feasibility Analysis

It is wise to think about the feasibility of any problem we undertake. Feasibility is the study of impact, which happens in the organization by the development of a system. The impact can be either positive or negative. When the positives nominate negatives, then the system is considered feasible. Here the feasibility can be performed in two ways such as Technical and Economical feasibility.

Technical feasibility

Generally there is not being much difficulty in getting required resources for the development and maintaining of a system. All resources for the development of the software as well as the maintenance of the same are available in the organization. Here we are utilizing only the resources which are available already.

Economical feasibility

Development of an application is highly economically feasible. The organization does not need to spend much for the development of the system. They need to only make an environment with an effective supervision. If the task is given to us, we can attain the maximum usability of the corresponding resources. Even after the development, the organization will not be in a condition to invest more in the organization. Therefore, the system can be called as economically feasible.

1. The system is not cost effective.
2. The benefits do not outweigh cost.
3. Since it is user friendly, the cost of full system study will be less.
4. No cost for hardware, since we use the available hardware.
5. Cost of software development and package software will not be necessary, since we do it free of charge.

Analysis Report

Existing System

The client faces difficulties in maintaining accounts records, since all records related to studio are updated manually, as you know it is very complicating handling accounts records manually, as it requires each entry for each video. There would have been occasions where records have been misplaced, skipped, destroyed or have been incorrectly recorded. It is not an easy task to find such missing records, and to add, remove, or edit manually. Furthermore during the time of handing over of such responsibilities to another person, it takes a very long time in explaining the current method of records. Misinformation or false references might lead to serious setback.

1. When a video booked by a person, details of such information are registered in a book manually.
2. The information of the project will also be written in a book.

Problems encountered

1. Lack of safety.
2. Mistakes while recording.
3. Too many paper recording which leads to loss of documents
4. Large space for storing such paper records
5. Poor data storage.
6. Slow on retrieval of data.
7. Time consuming.
8. Often loss of data recording sources.

Our system compared to existing

All videos booking in the existing system are done manually, which takes more timing. Other major disadvantages are time consuming on arranging the details according to the customer requirement, which at present is carried out as a one day process for verifying such records. So after conducting the feasibility study it was decided to take the manual studio management system to be computerized.

The studio management system created by us is completely user friendly software. It helps to overcome all the difficulties and problems that are faced by the existing system in maintaining studio records. Editing of any previously encoded records which is presently done by handwriting will now be computerized by creating this studio management system software.

The proposed system is an automated studio management system, in which the user can add, edit, save and retrieve information of videos and photos of a particular customer in a simple and quick way. In addition our proposed system has the following advantages:

- Secured login system
- User friendly interfaces
- Fast access to database
- Less errors
- Look and feel environment

All difficulties that are faced by manually managing the studio record has now been rectified by implementing computerization system.

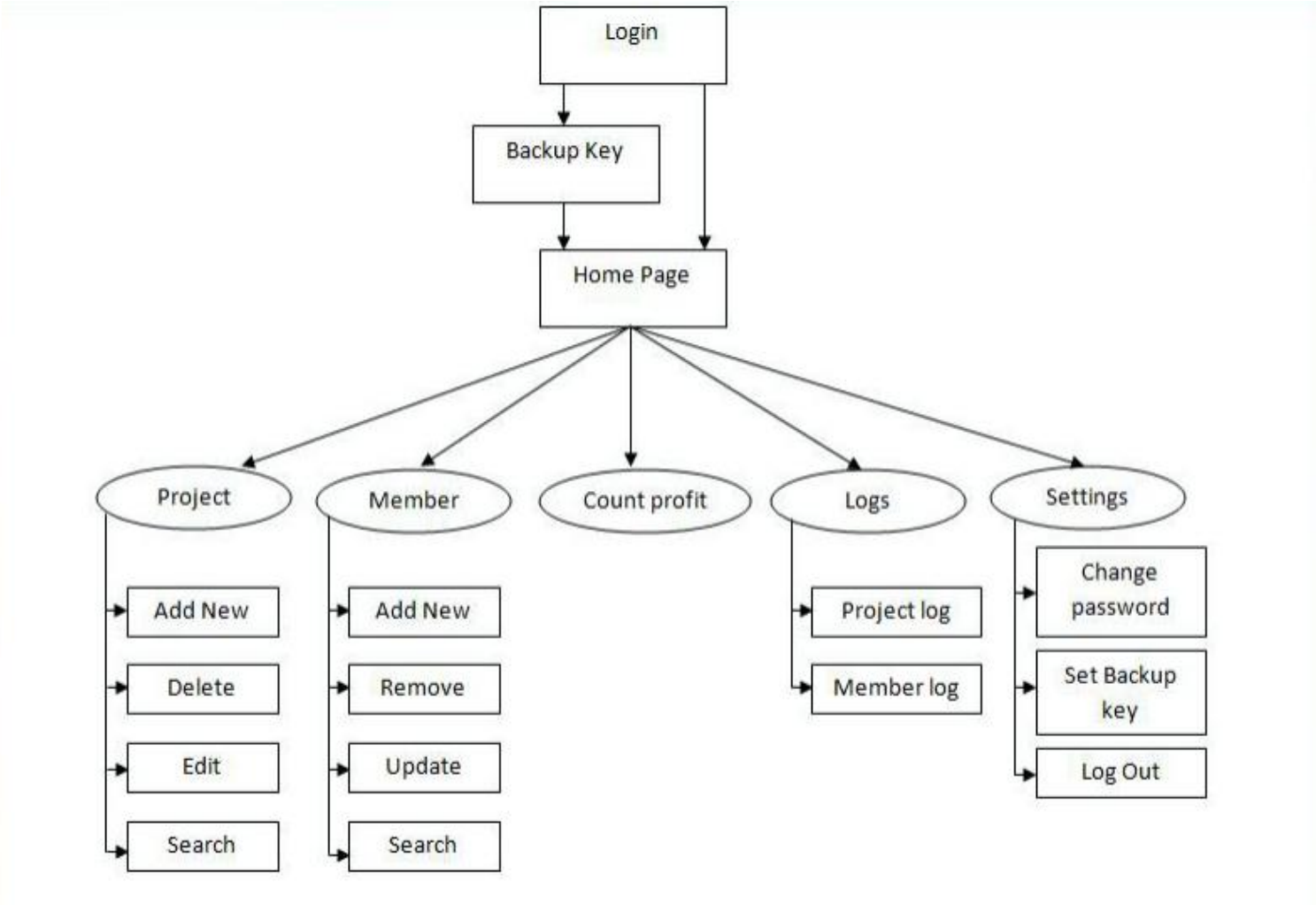
Fact finding techniques to gather requirements

During our survey in finding the requirements of the client, we used a question and answer technique. This helped us to get clear idea as how the software should be developed according to the client requirements. The questions that were placed are as follows:

1. What is the current system you are using to record information?
2. What are the problems you face with your existing system?
3. Would you prefer to use a computerized system to maintain records?
4. What type of a system will be essential at the moment?
5. How will a computerized system help you to overcome the problems faced by your current system?

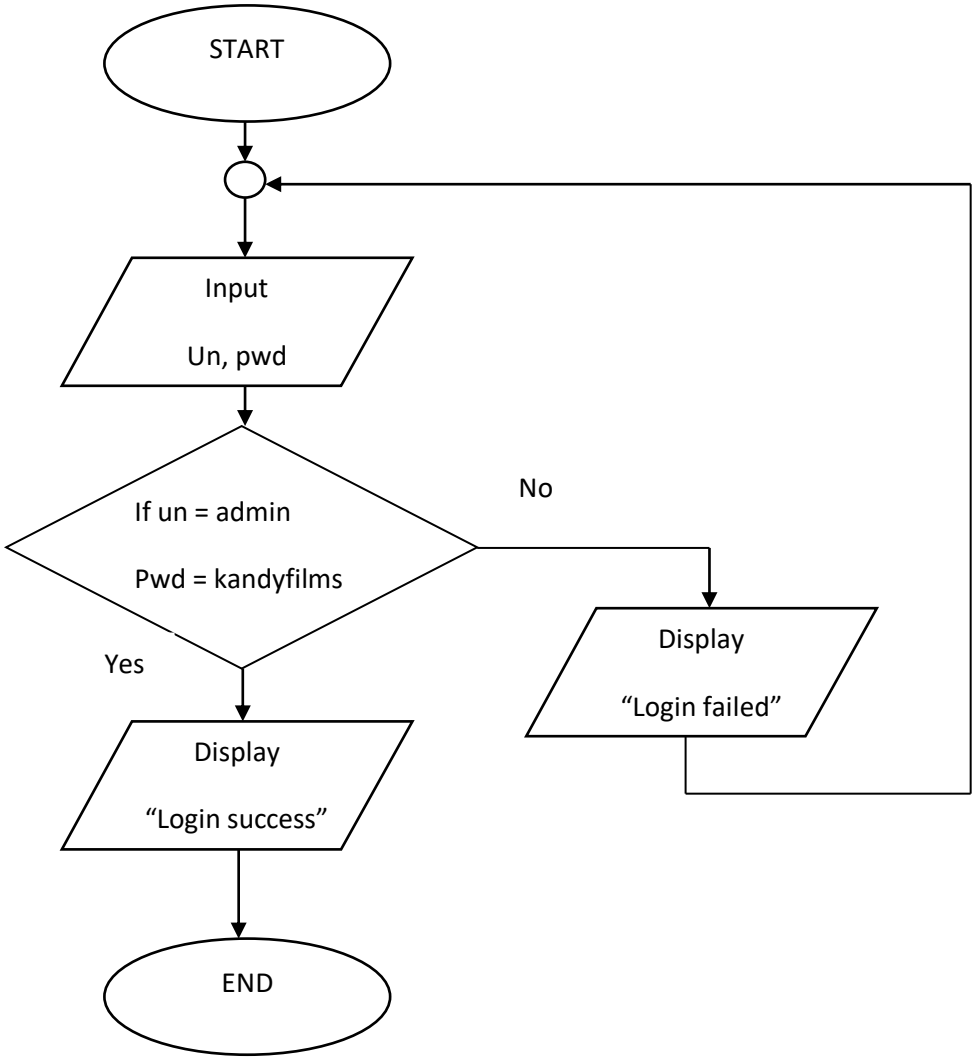
Application Design

System Architecture Diagram

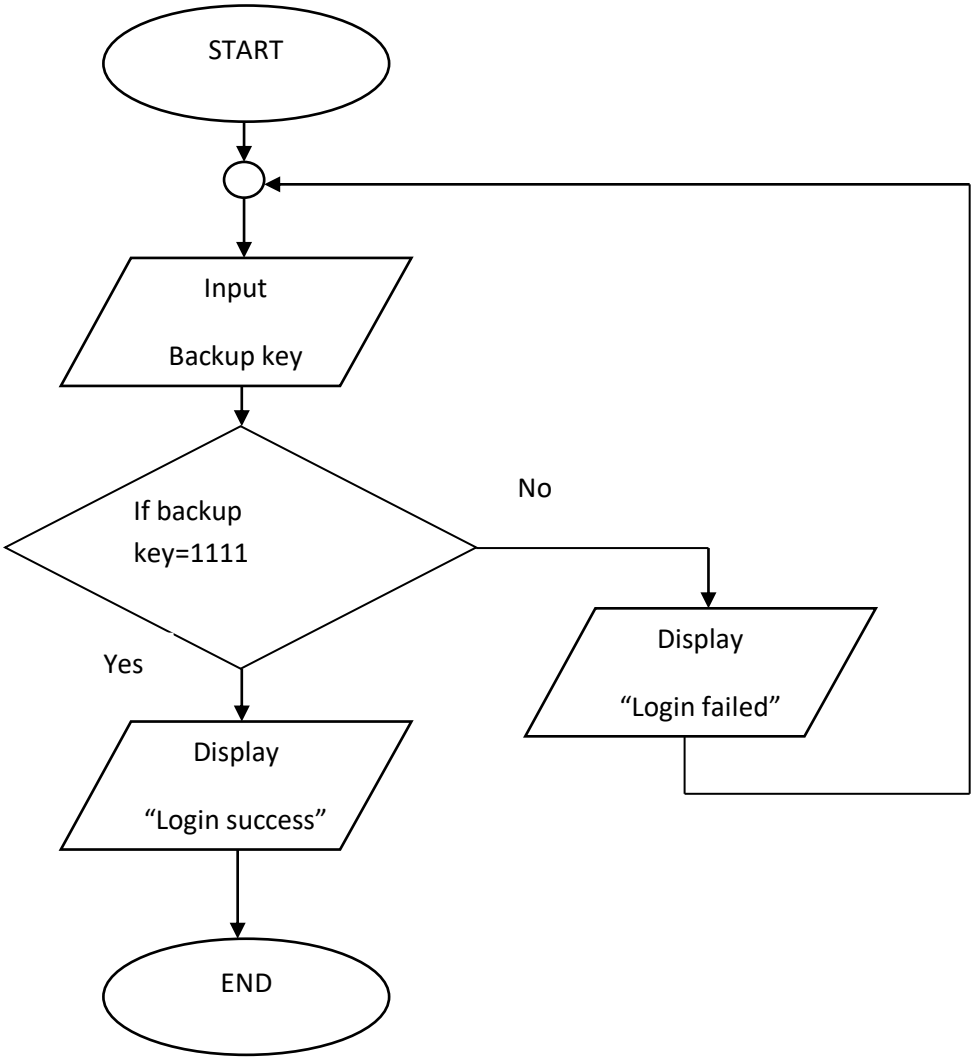


Flow Charts

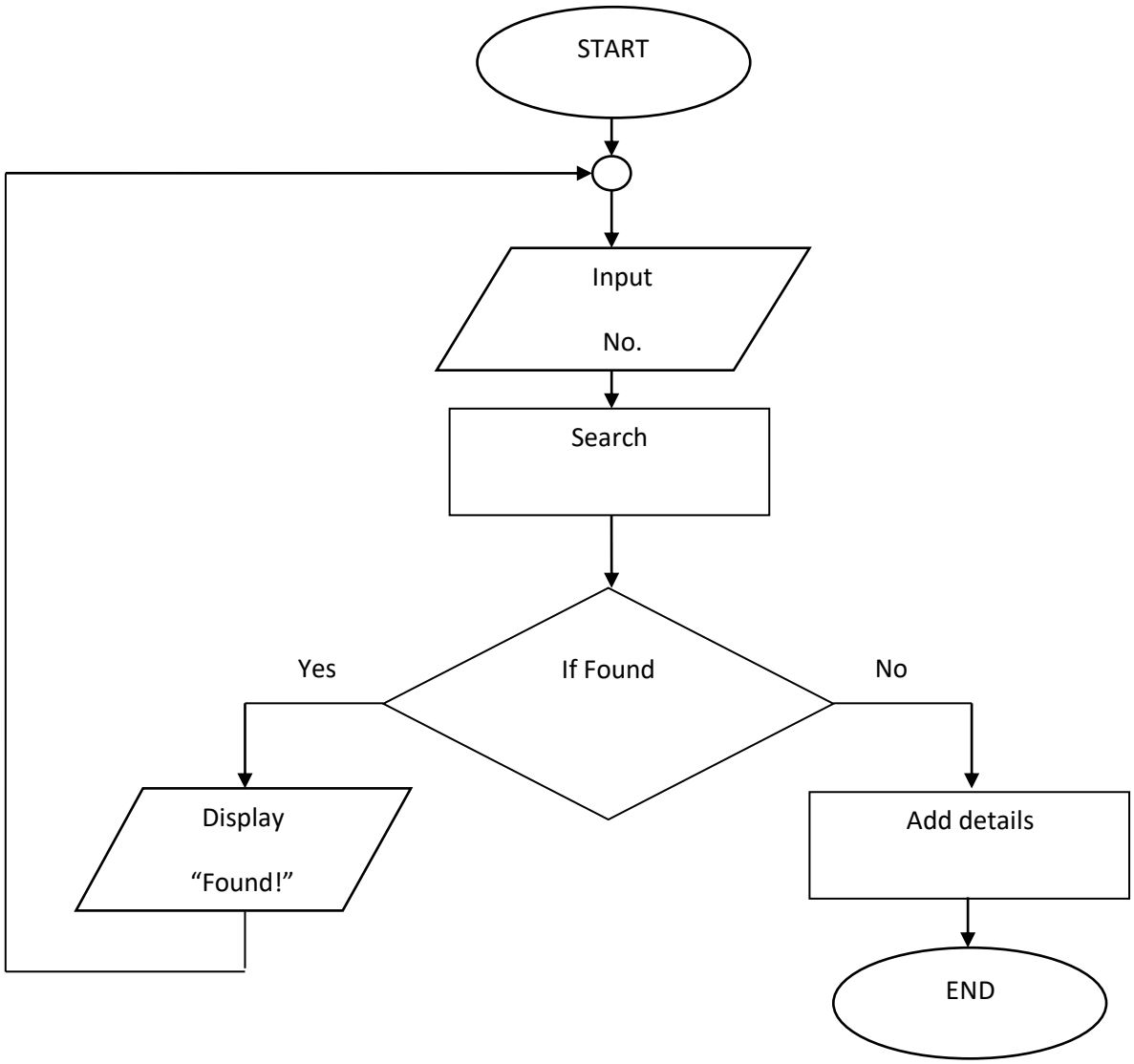
1. login



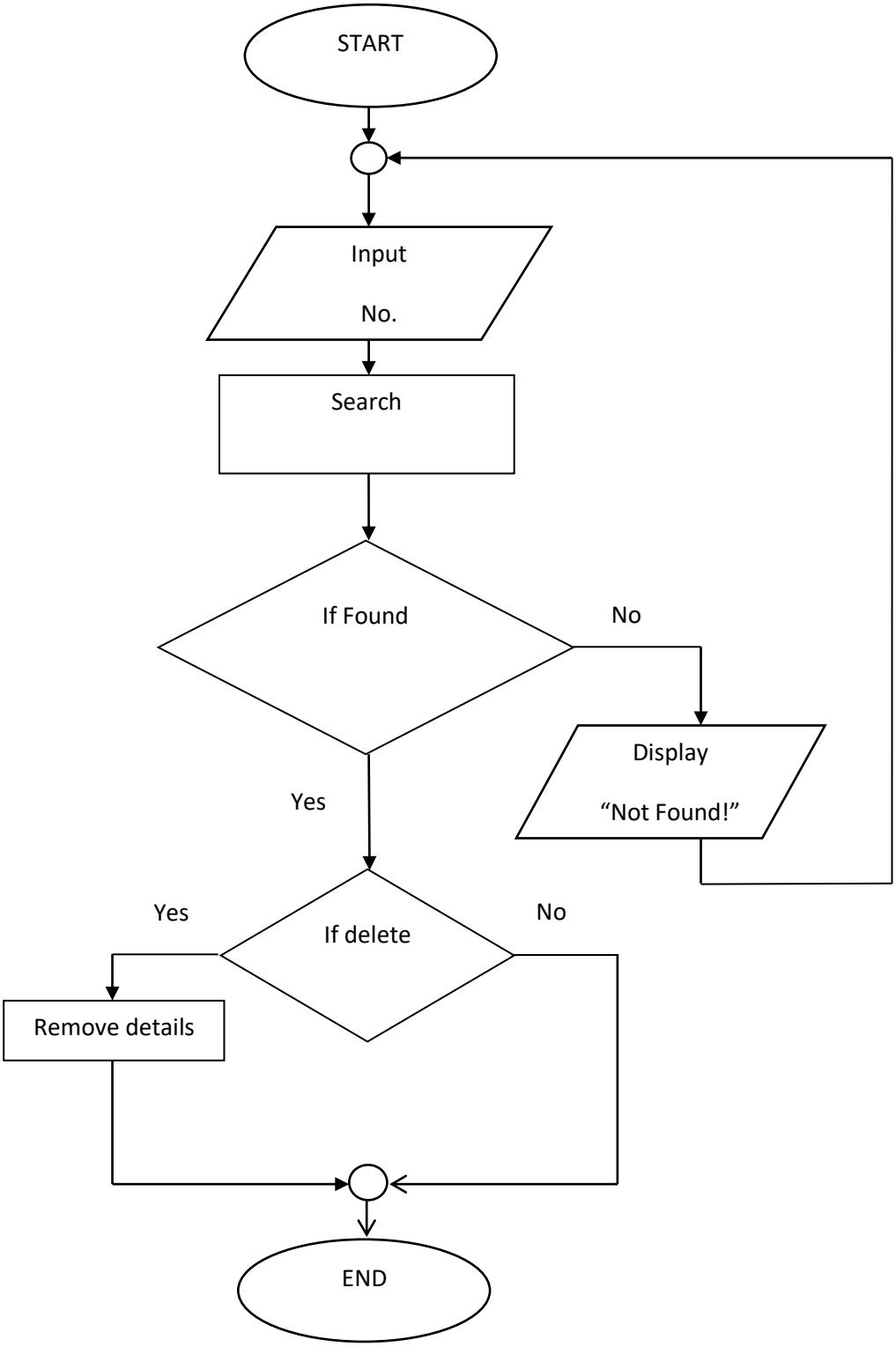
2. Type Backup key



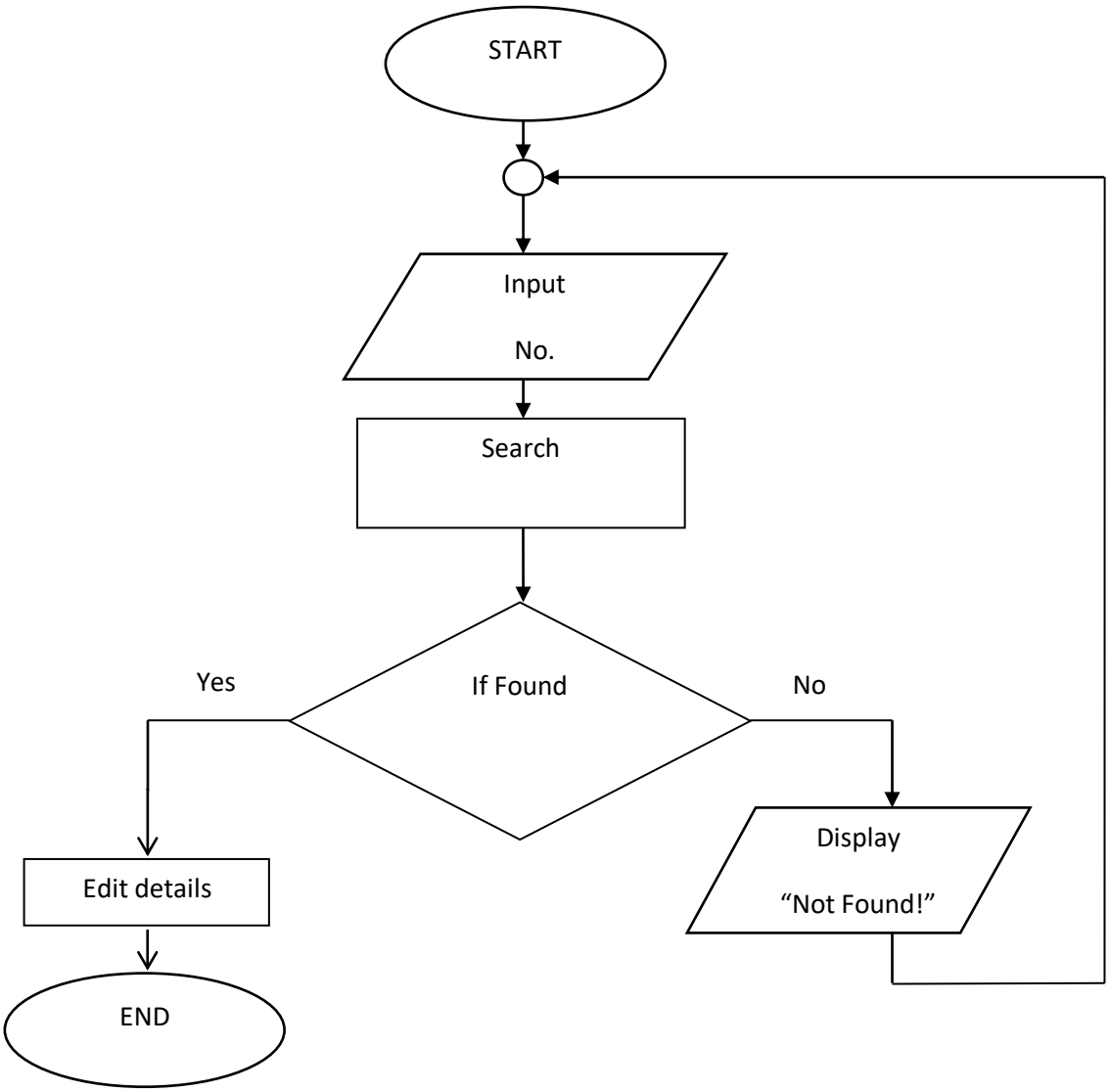
3. Add (Projects & Member)



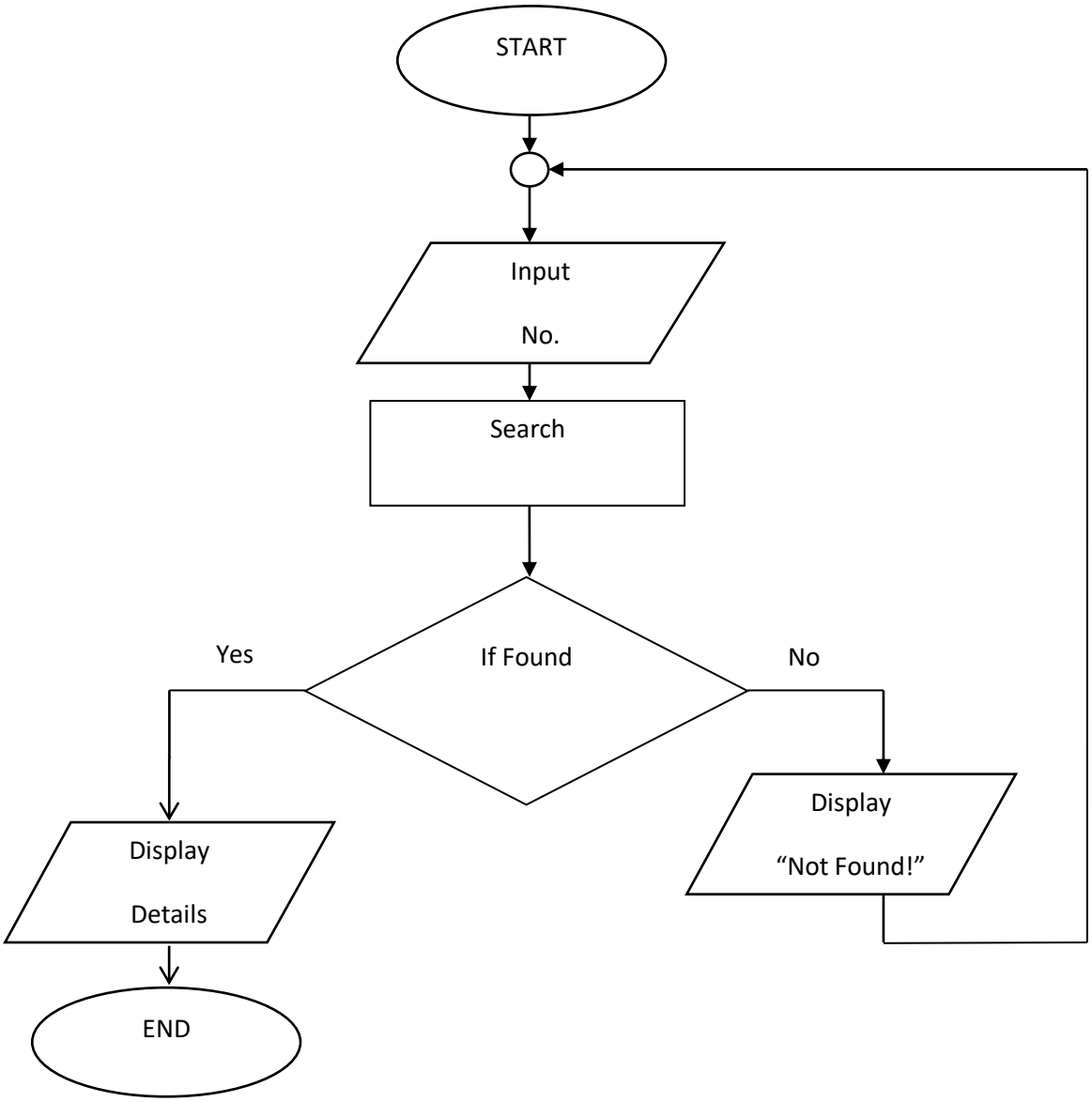
4. Delete (project & member)



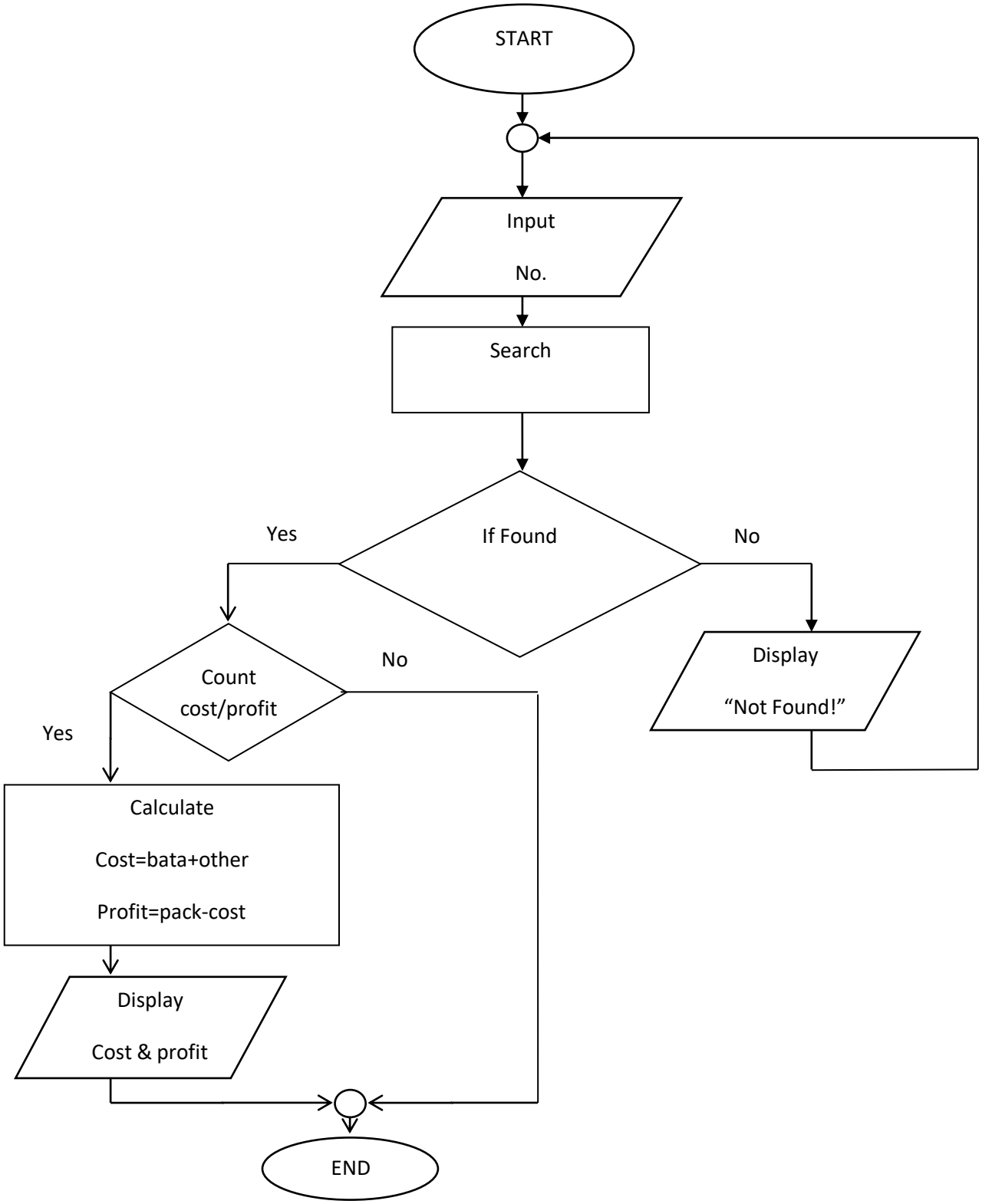
5. Edit (project & Member)



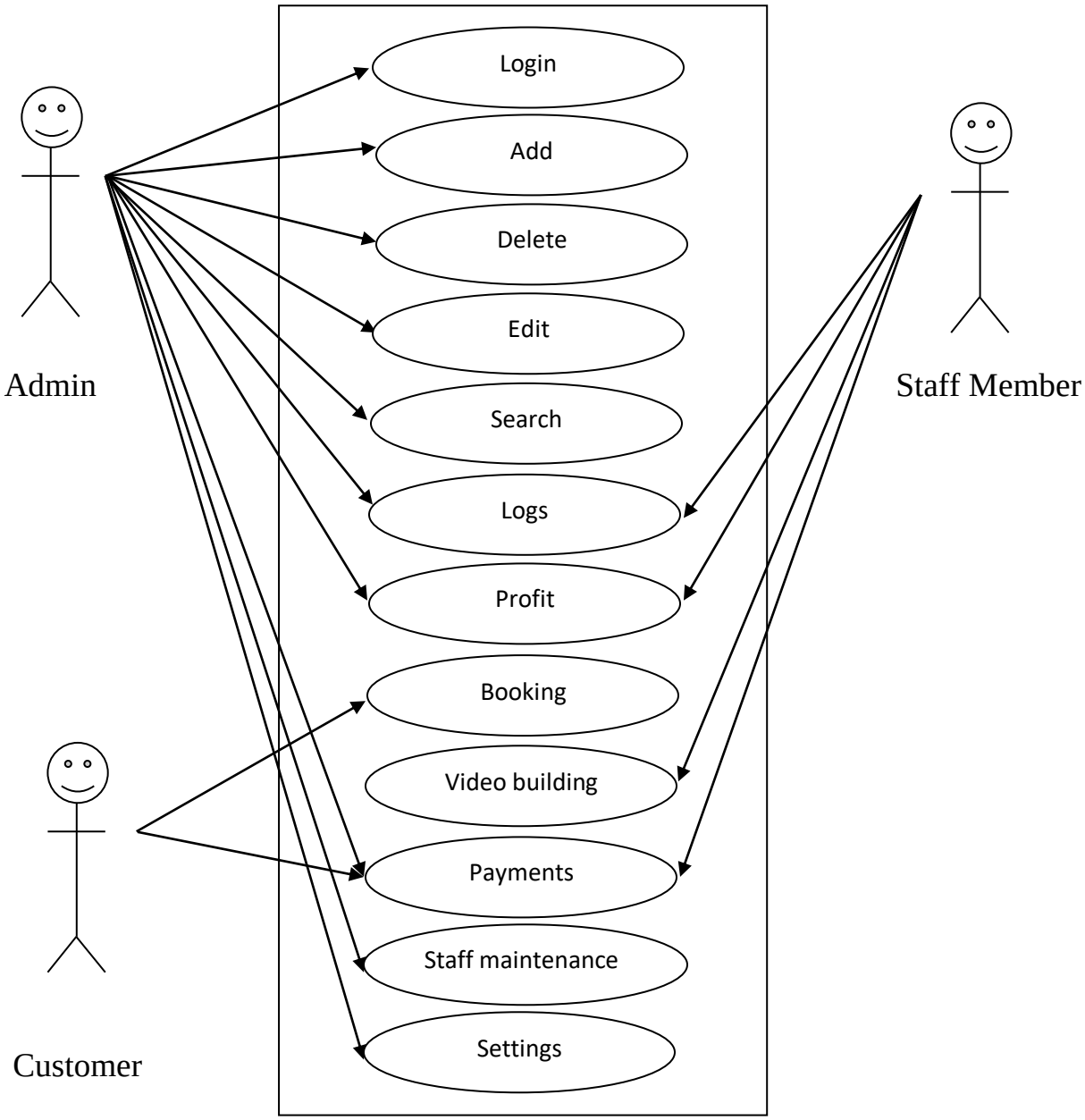
6. Search(project & Member)



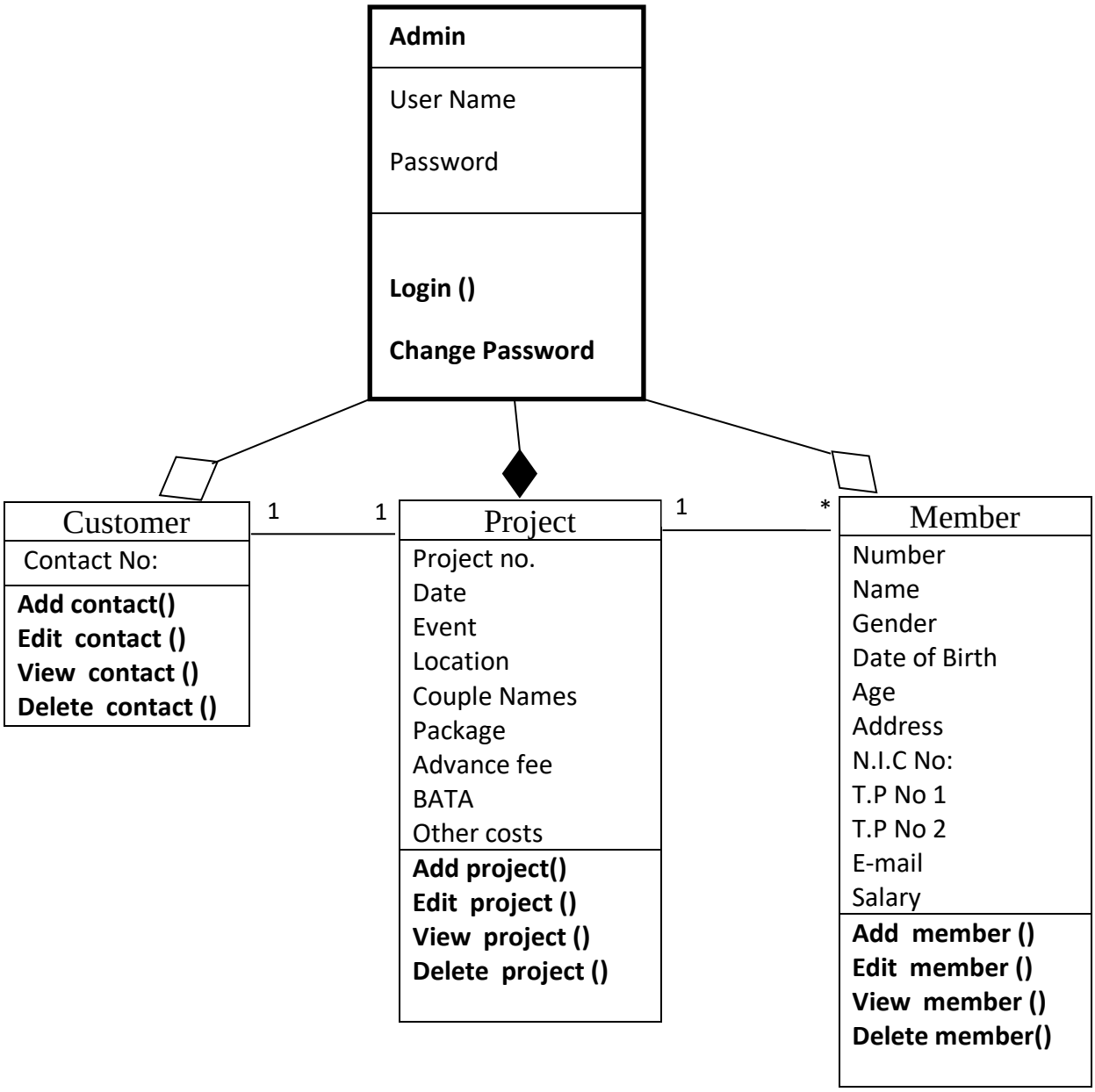
7. Profit/ Cost count



Use case diagram



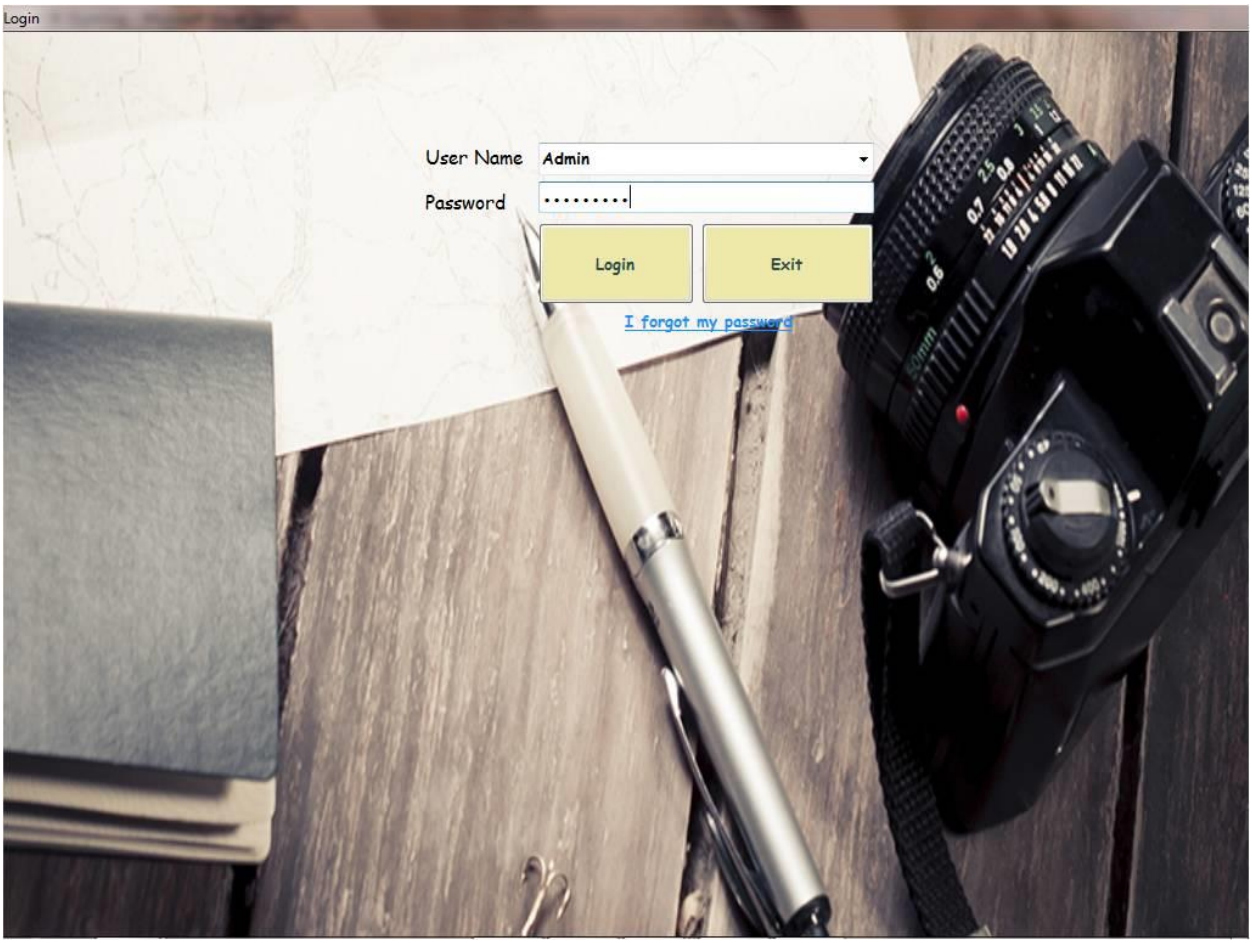
Class diagram



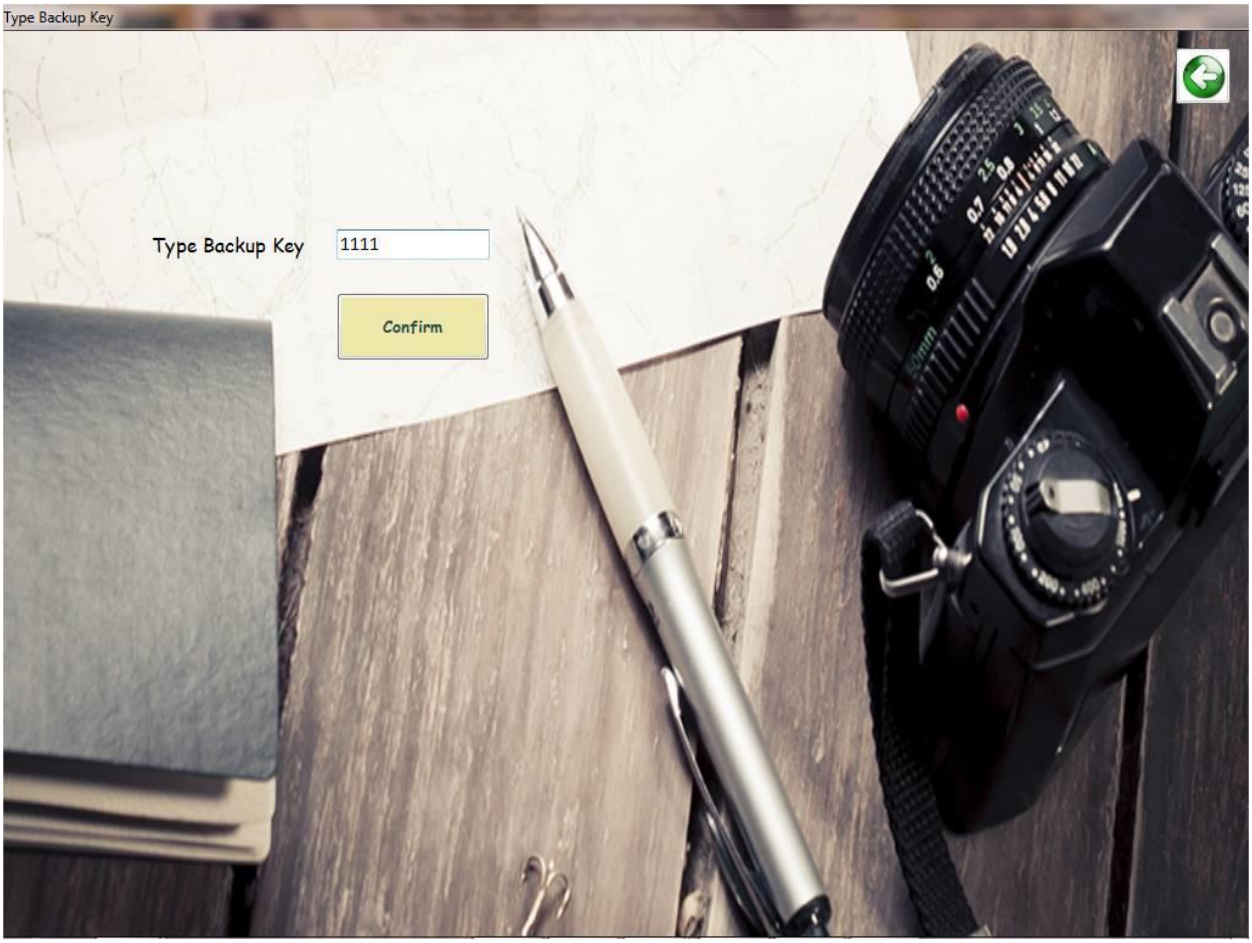
System development

Interface designing

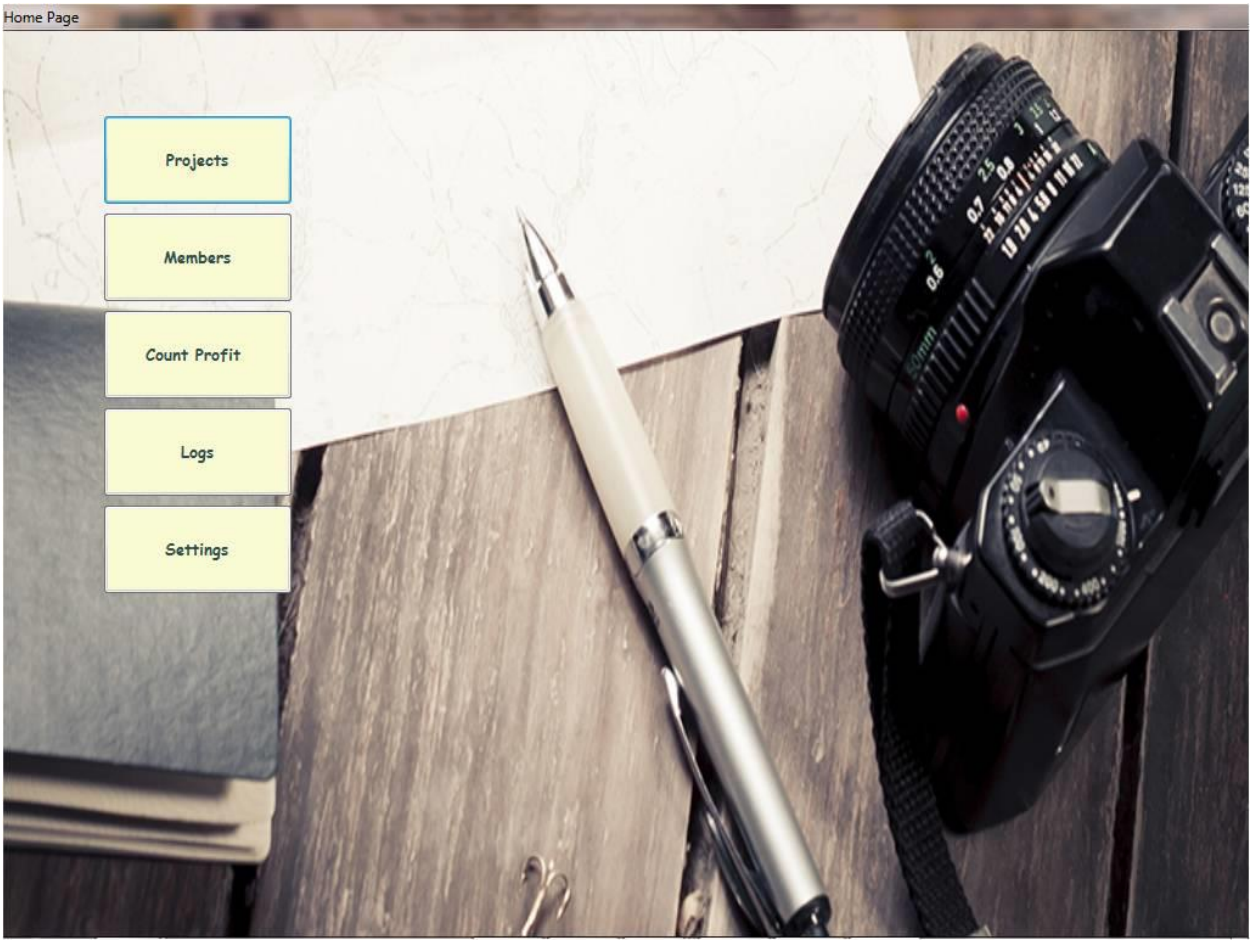
1. User login



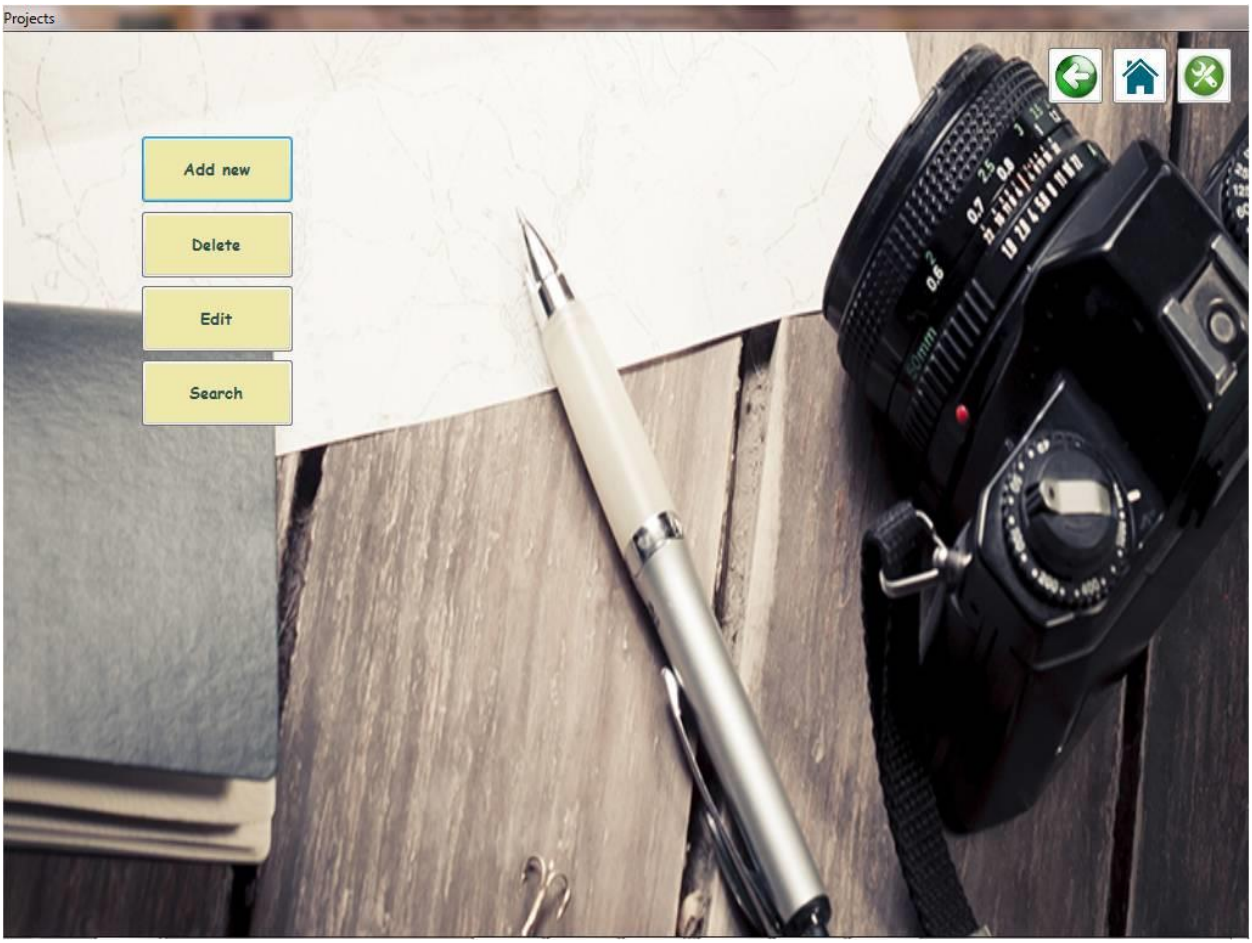
2. Type backup key



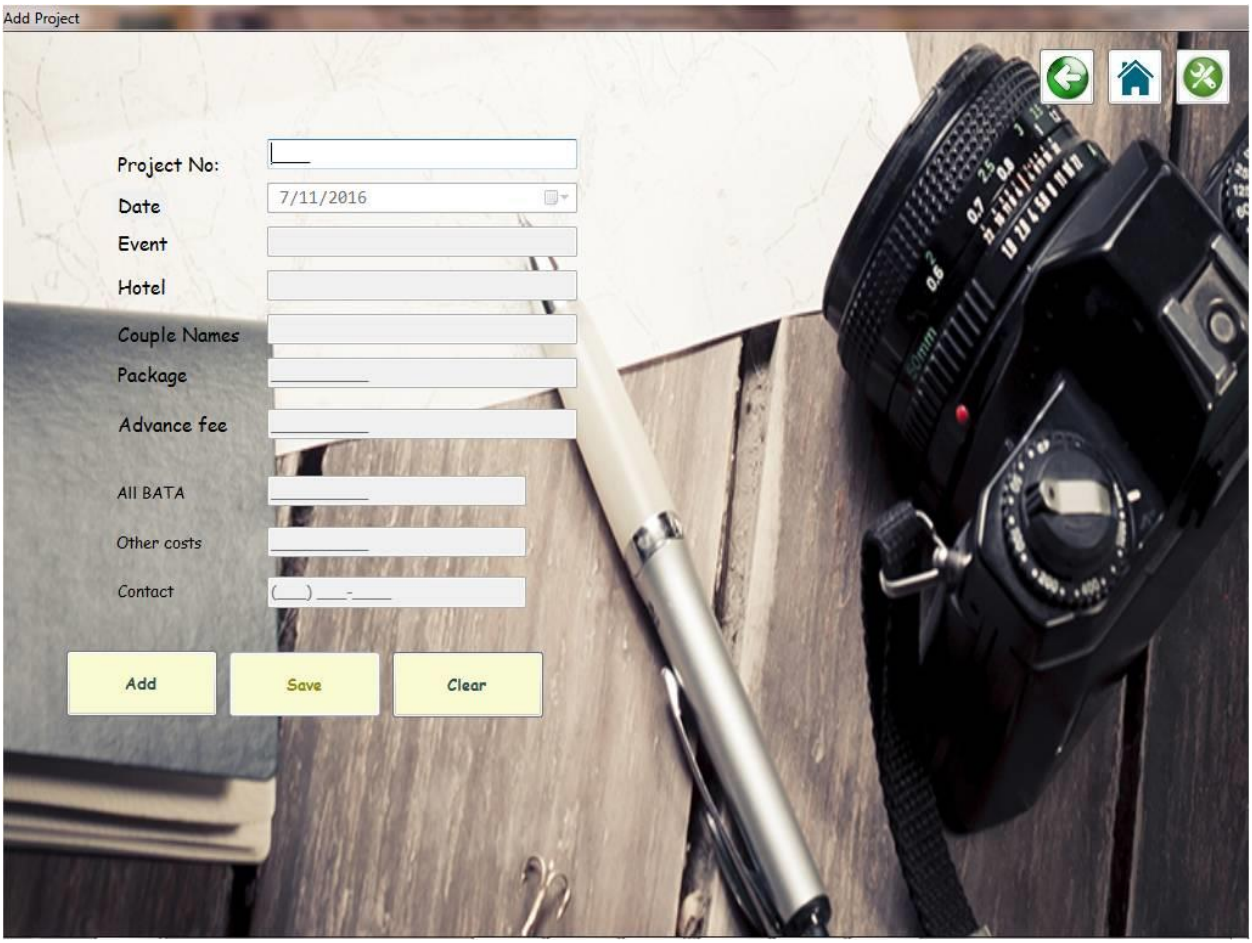
3. Home page



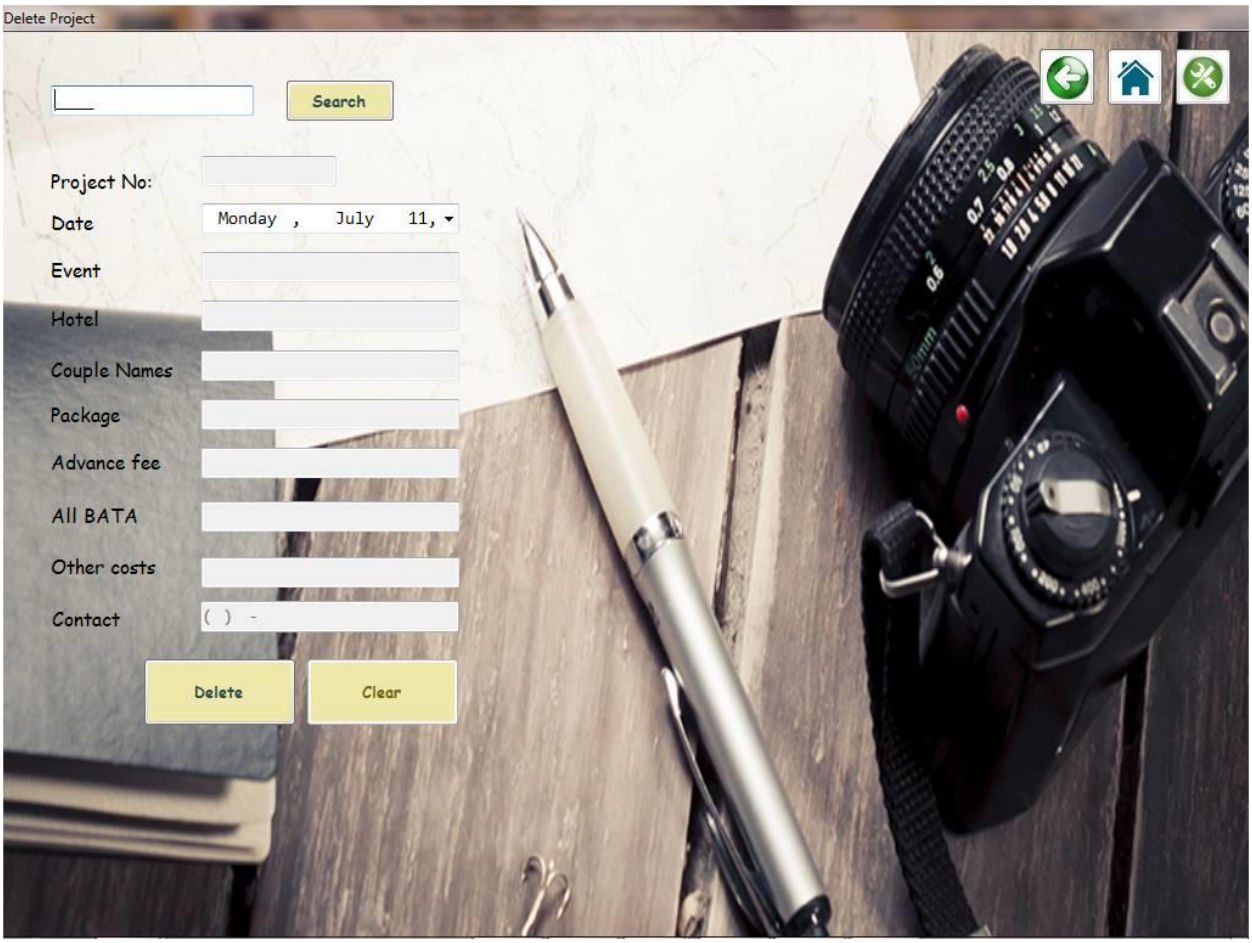
4. Project menu



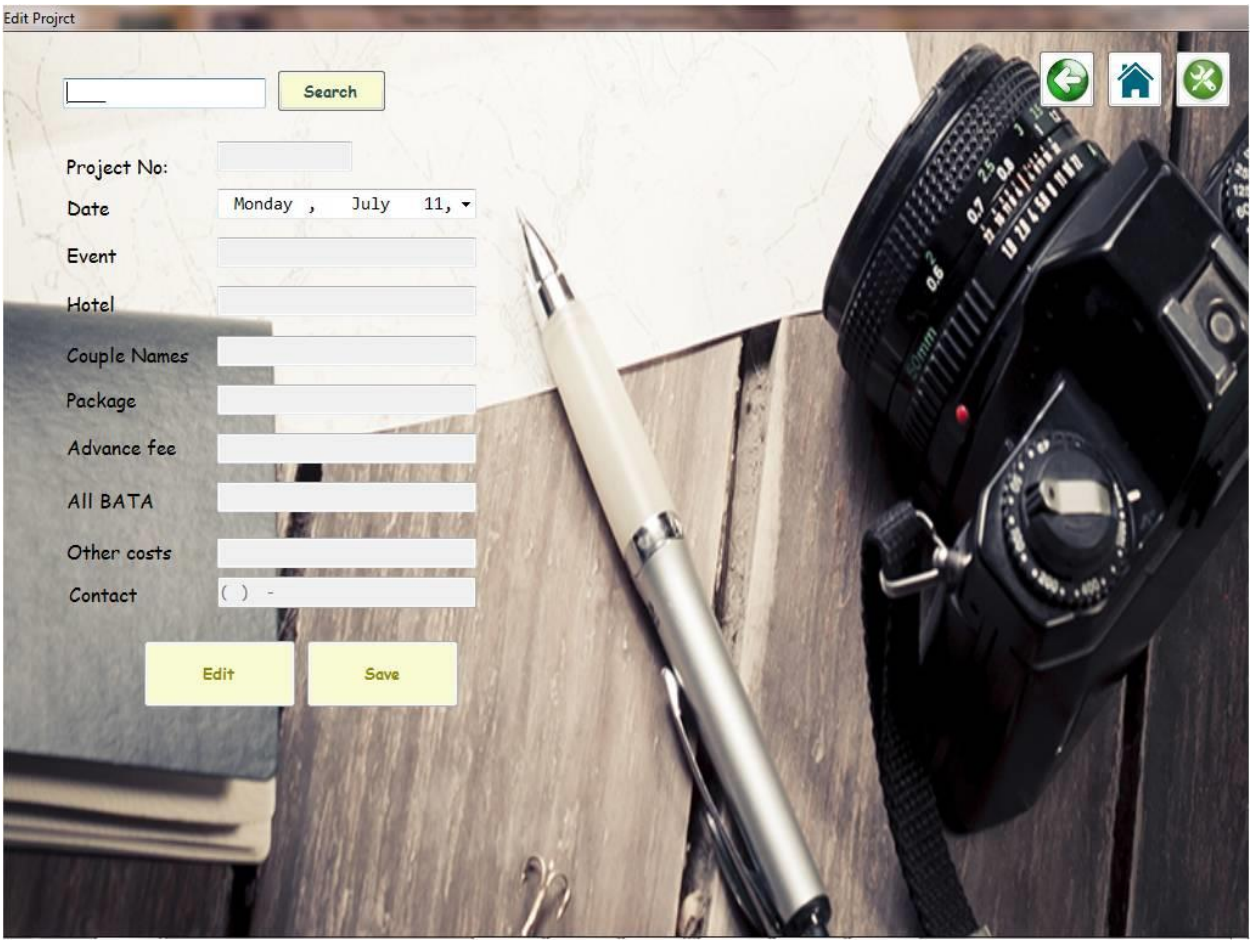
5. Add project



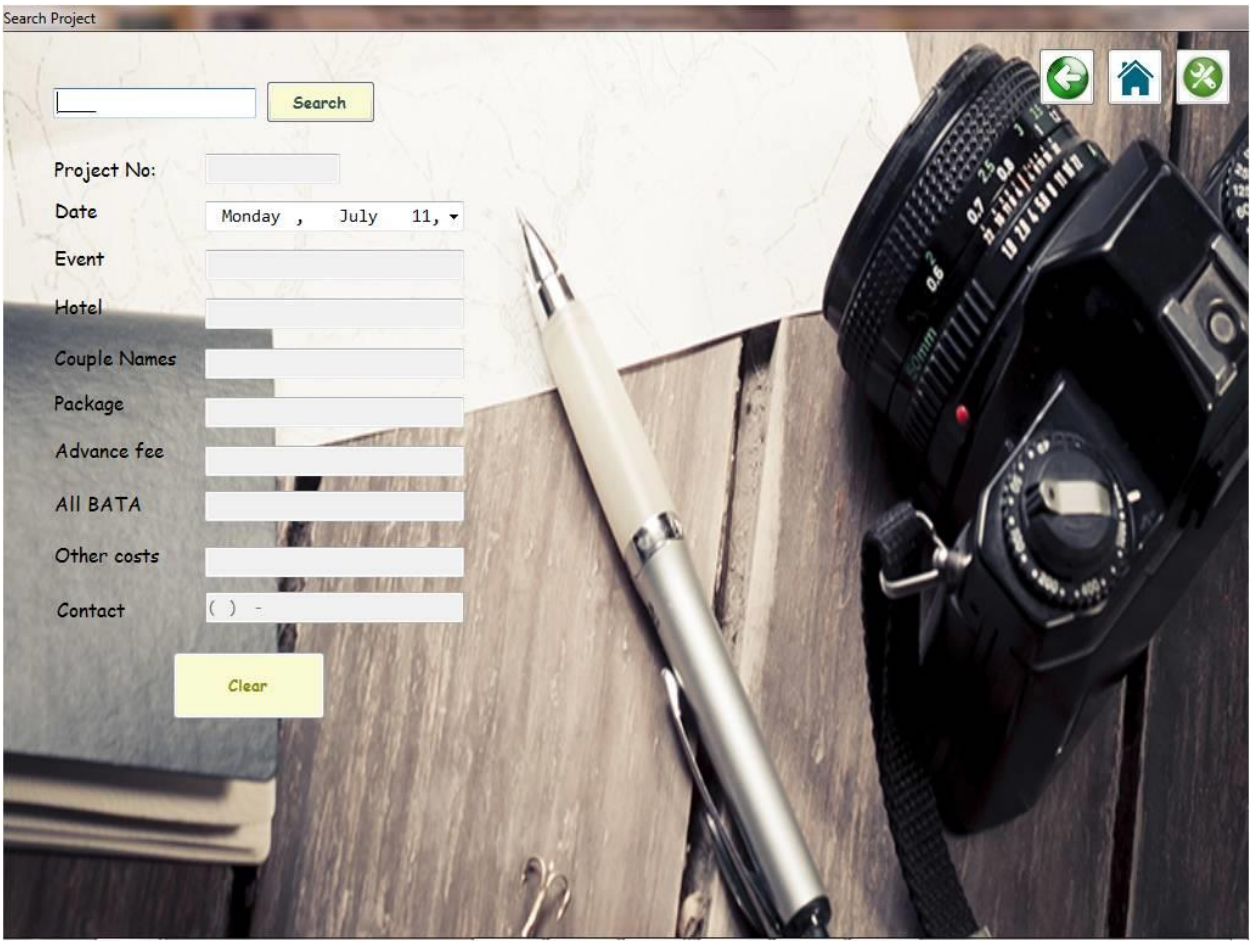
6. Delete project



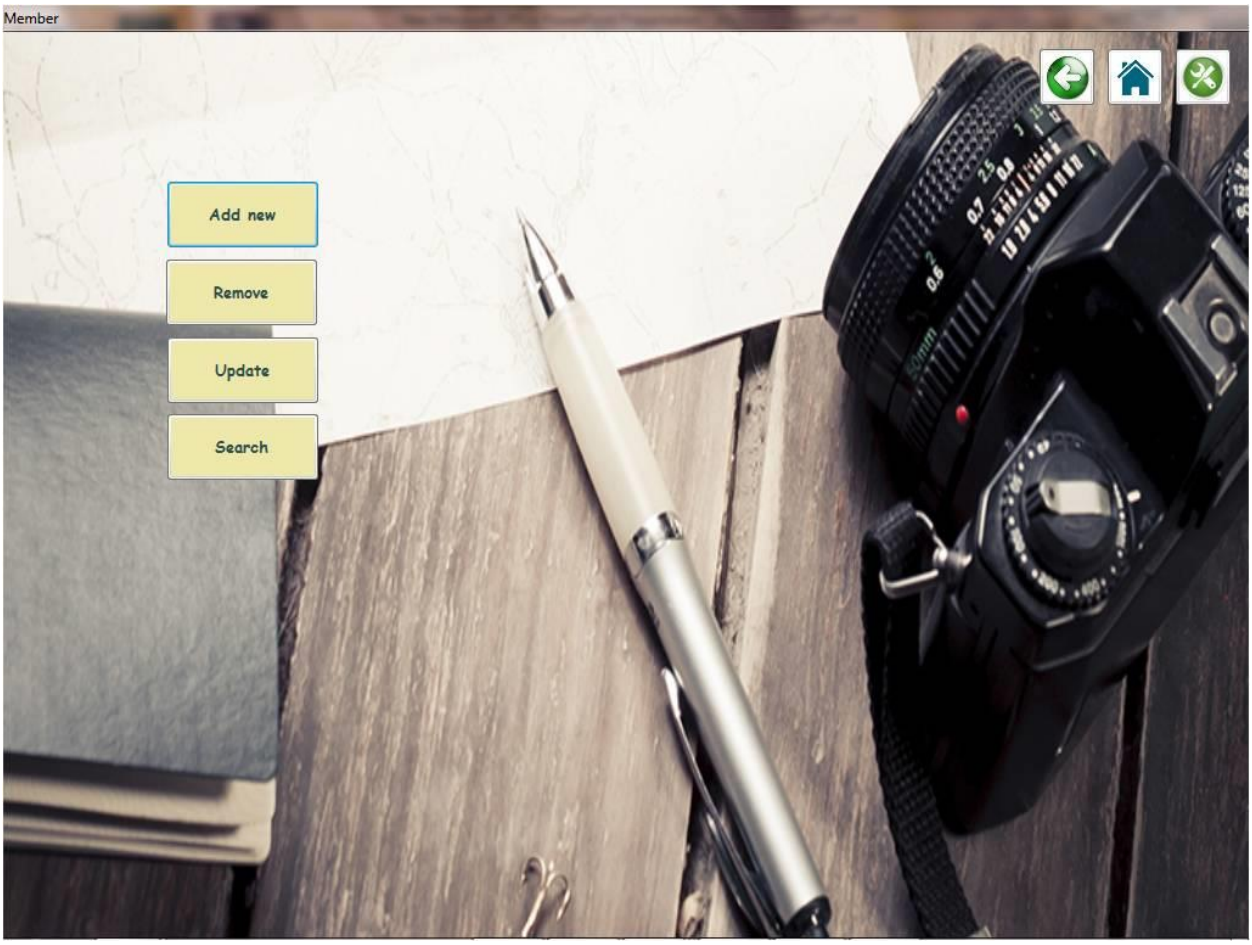
7. Edit project



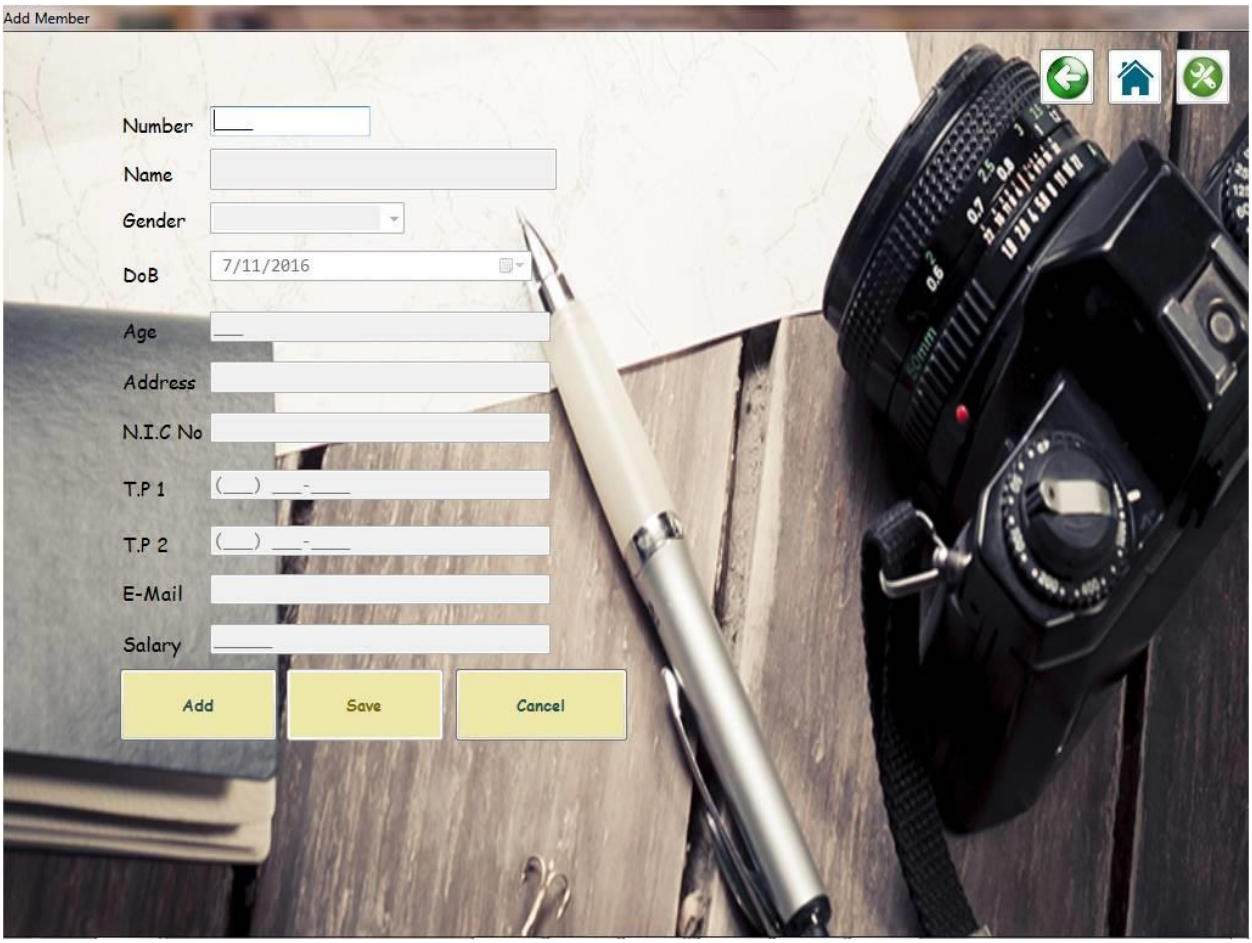
8. Search project



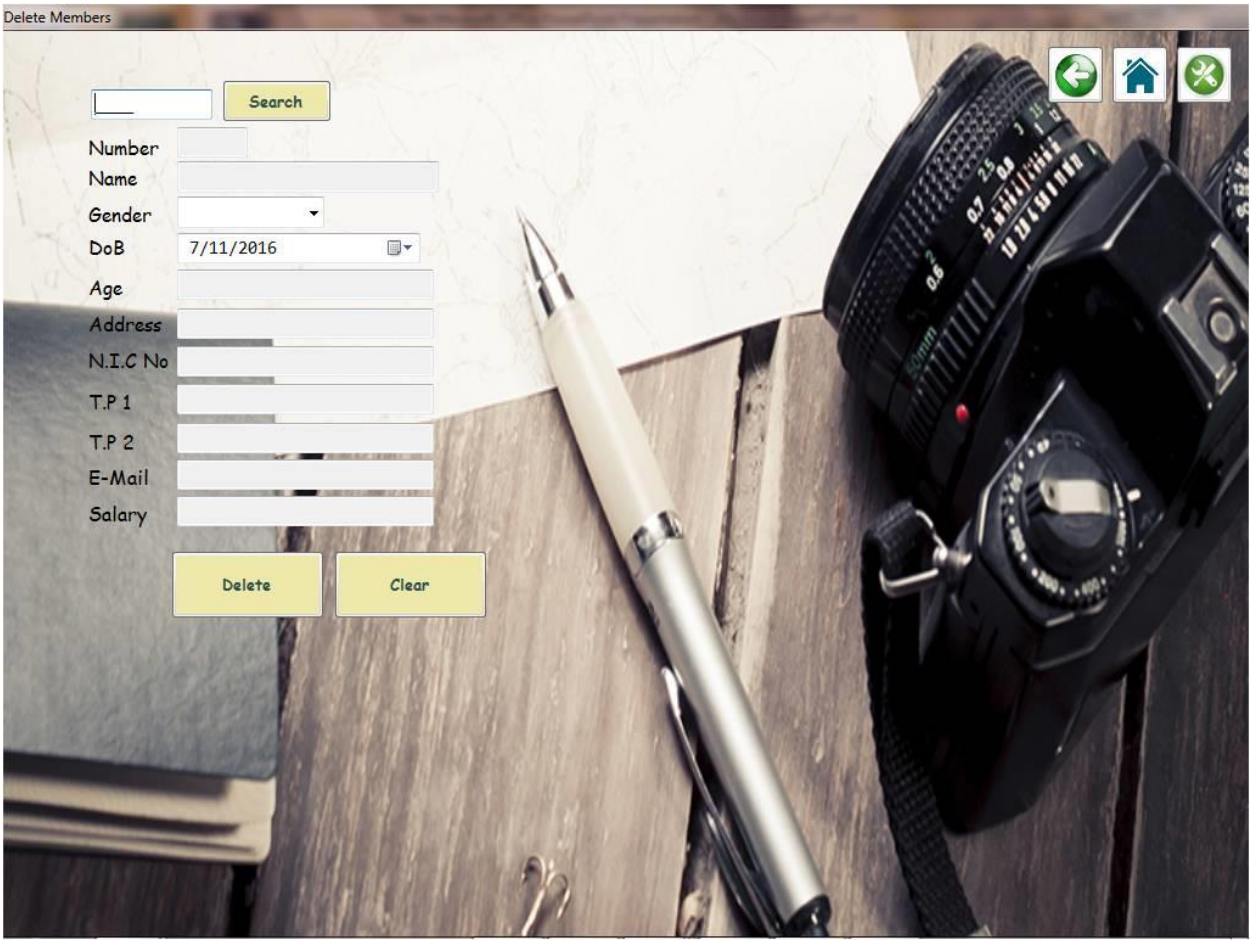
9. Member menu



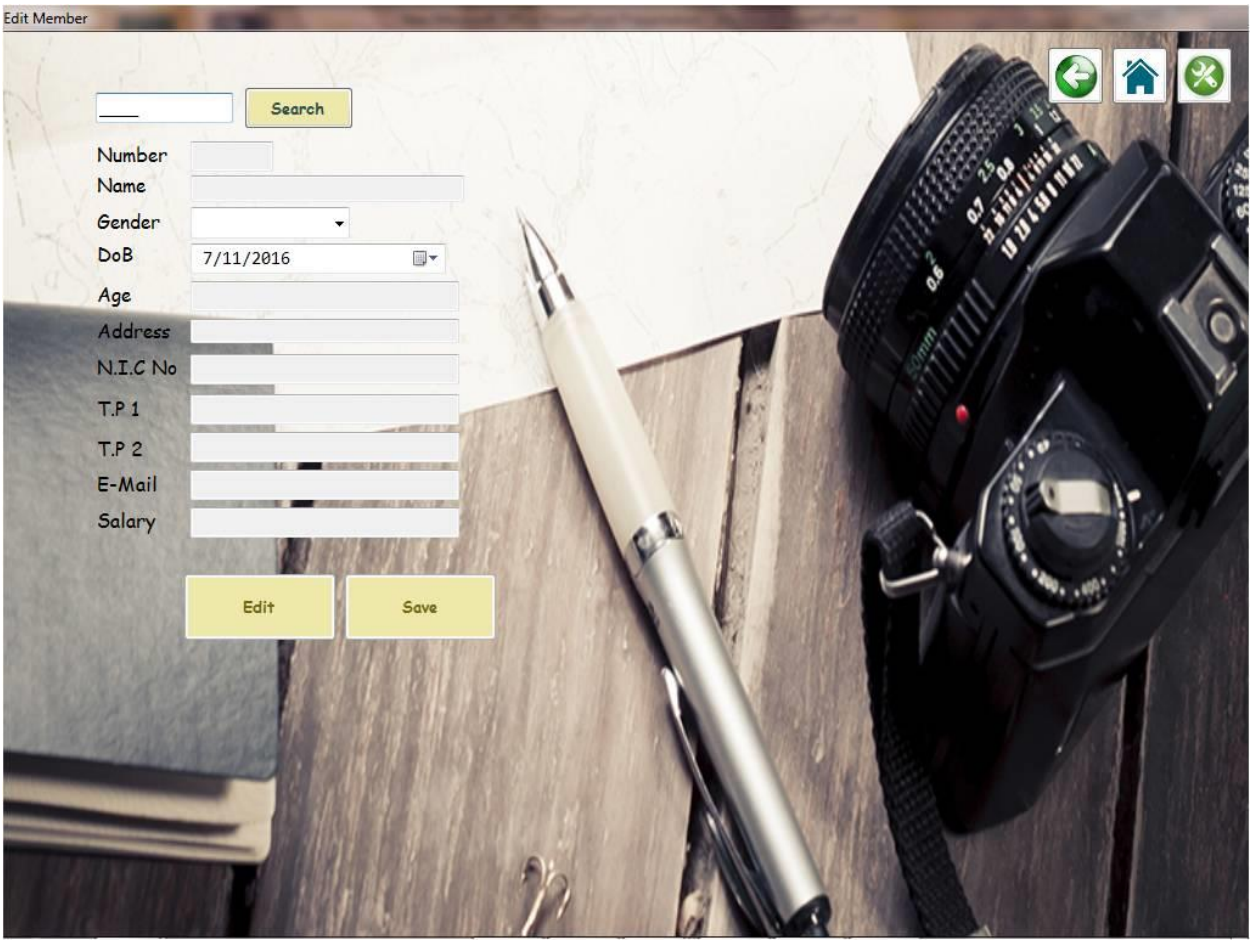
10. Add member



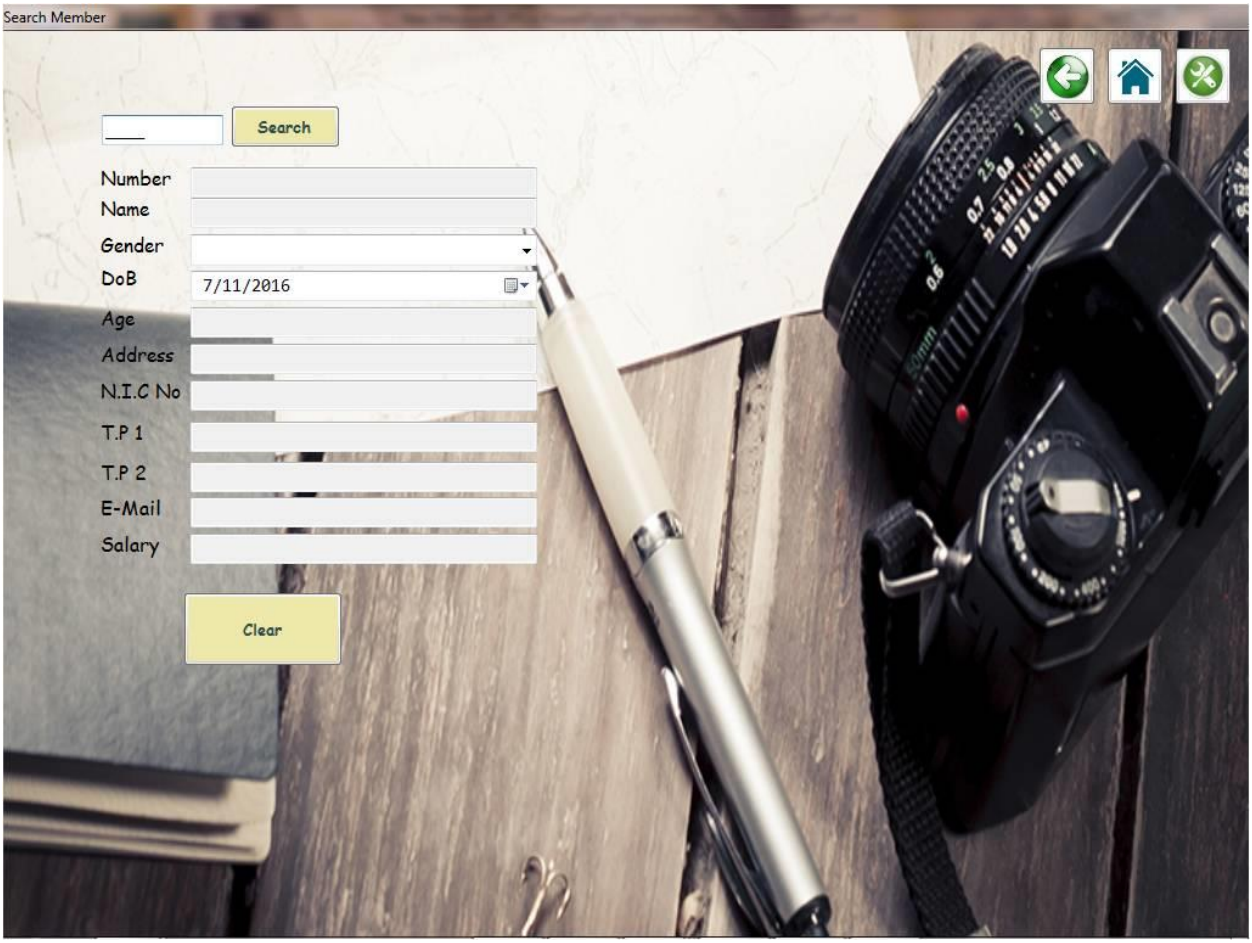
11. Delete member



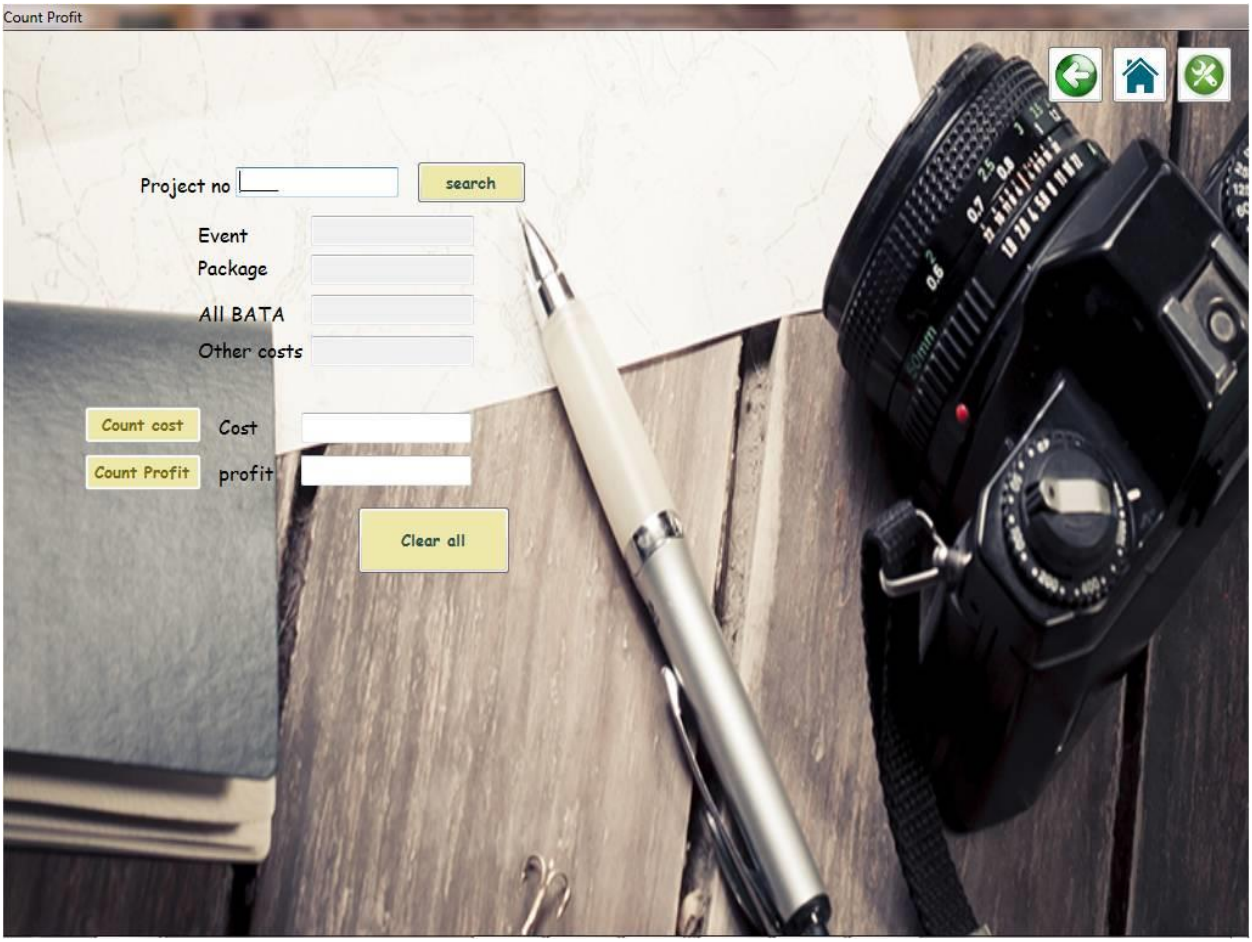
12. Edit member details



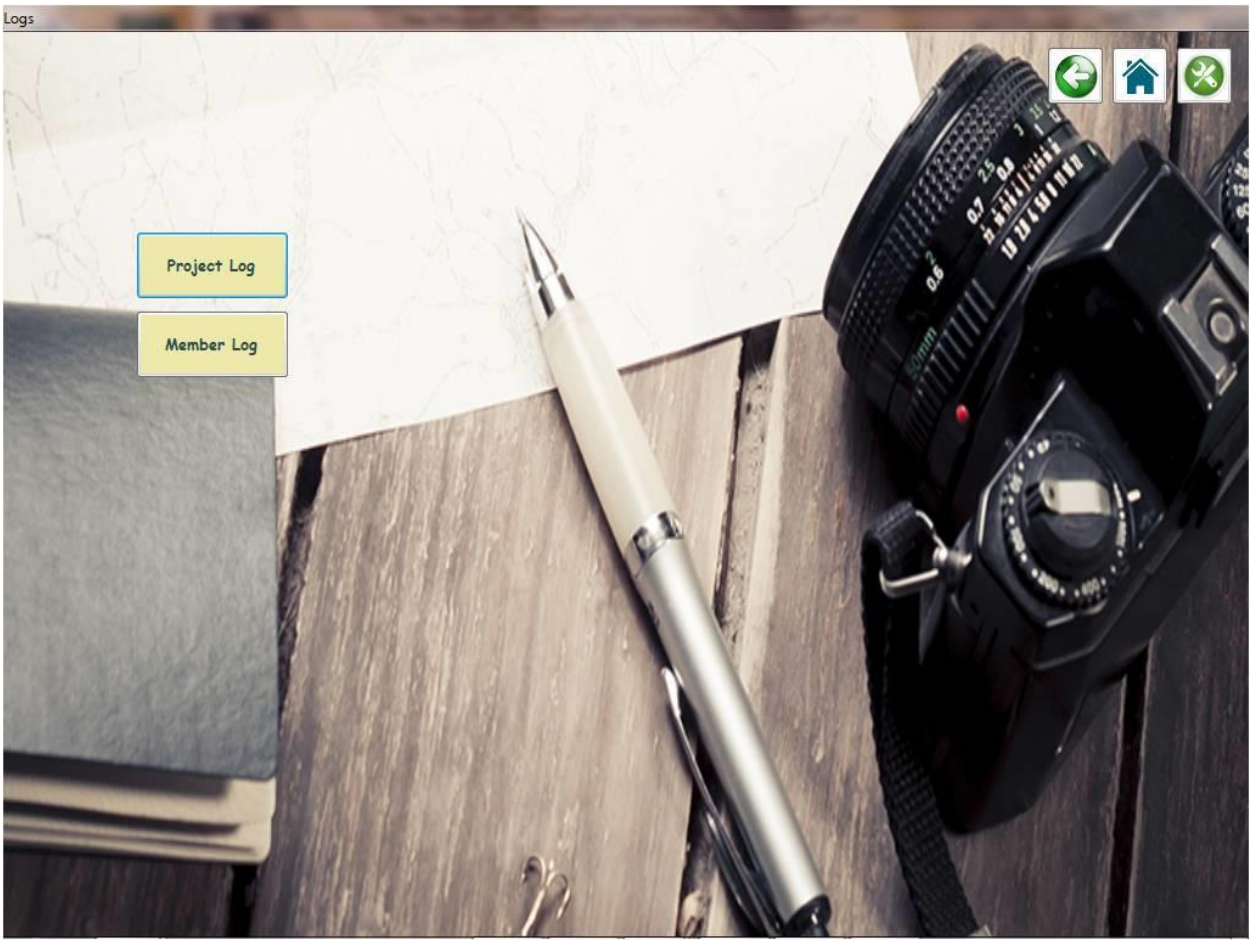
13. Search member



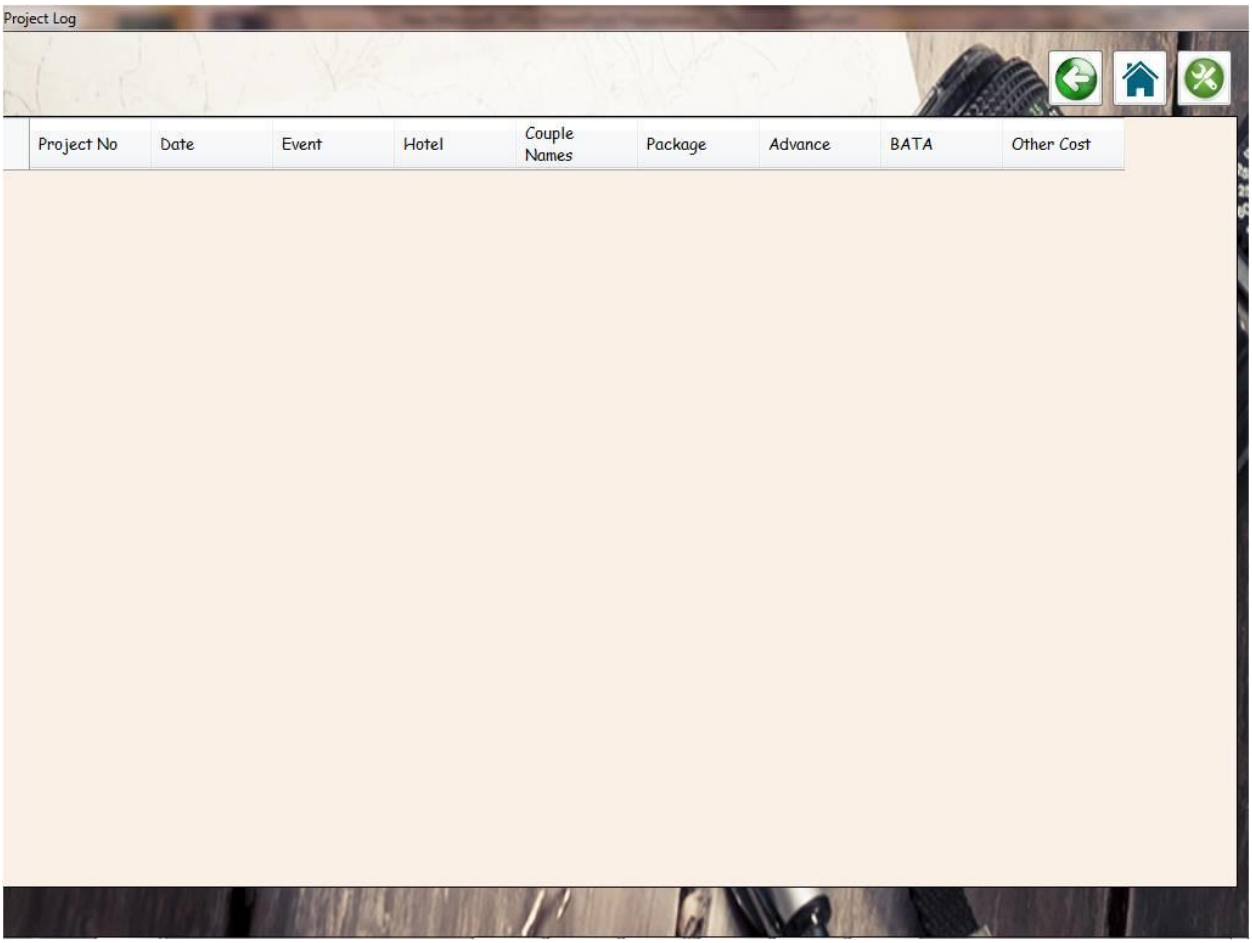
14. Count profit



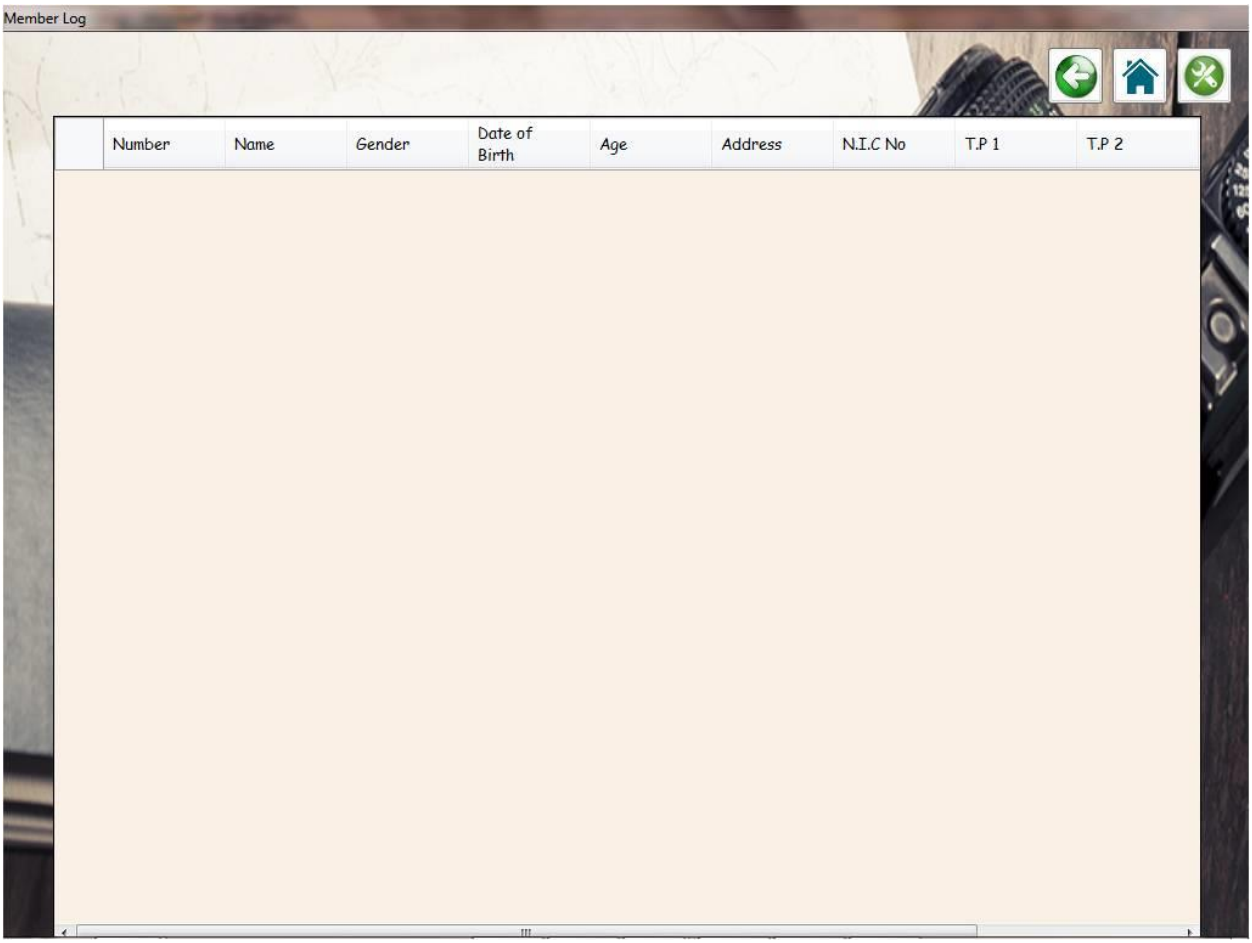
15. Logs



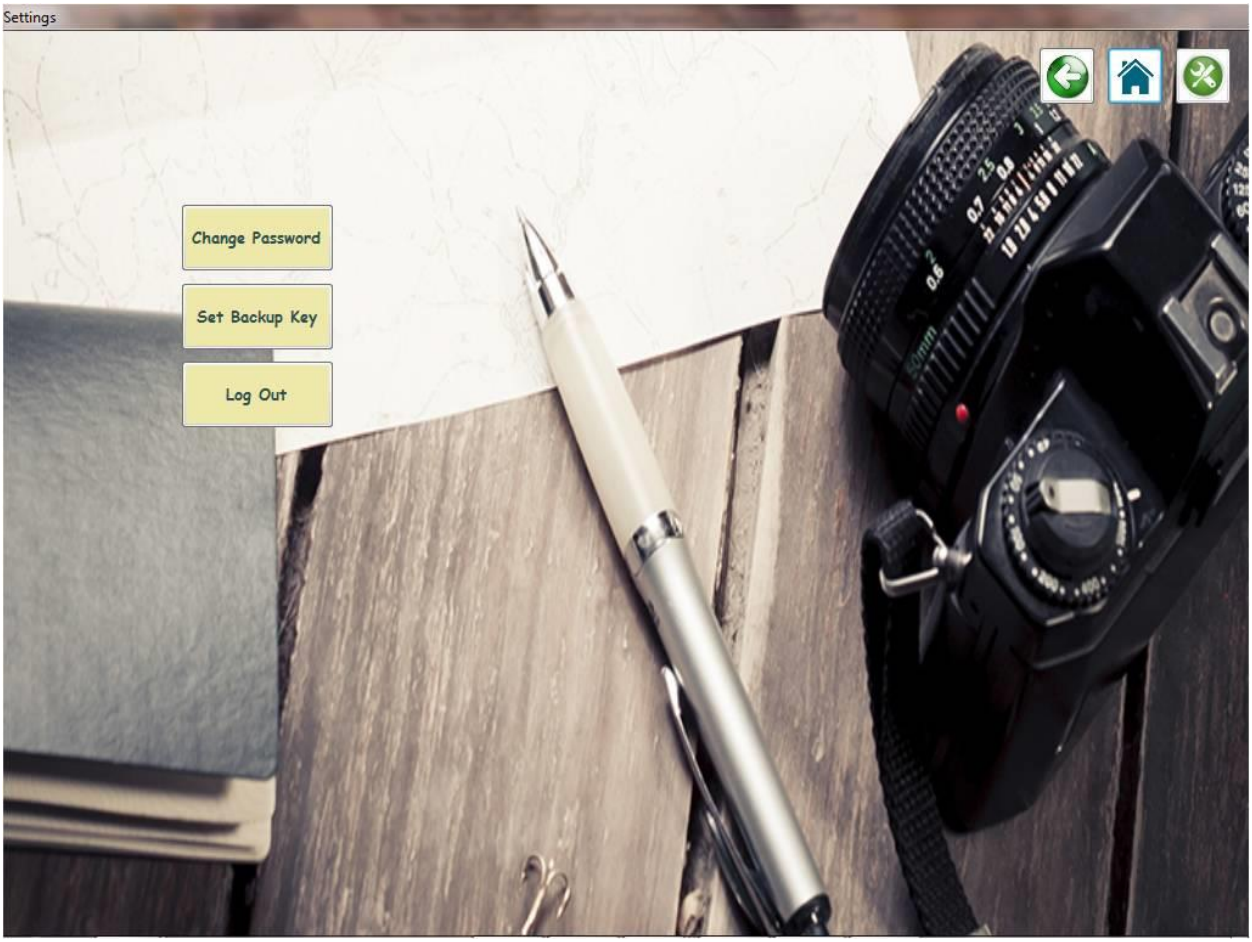
16. Project log



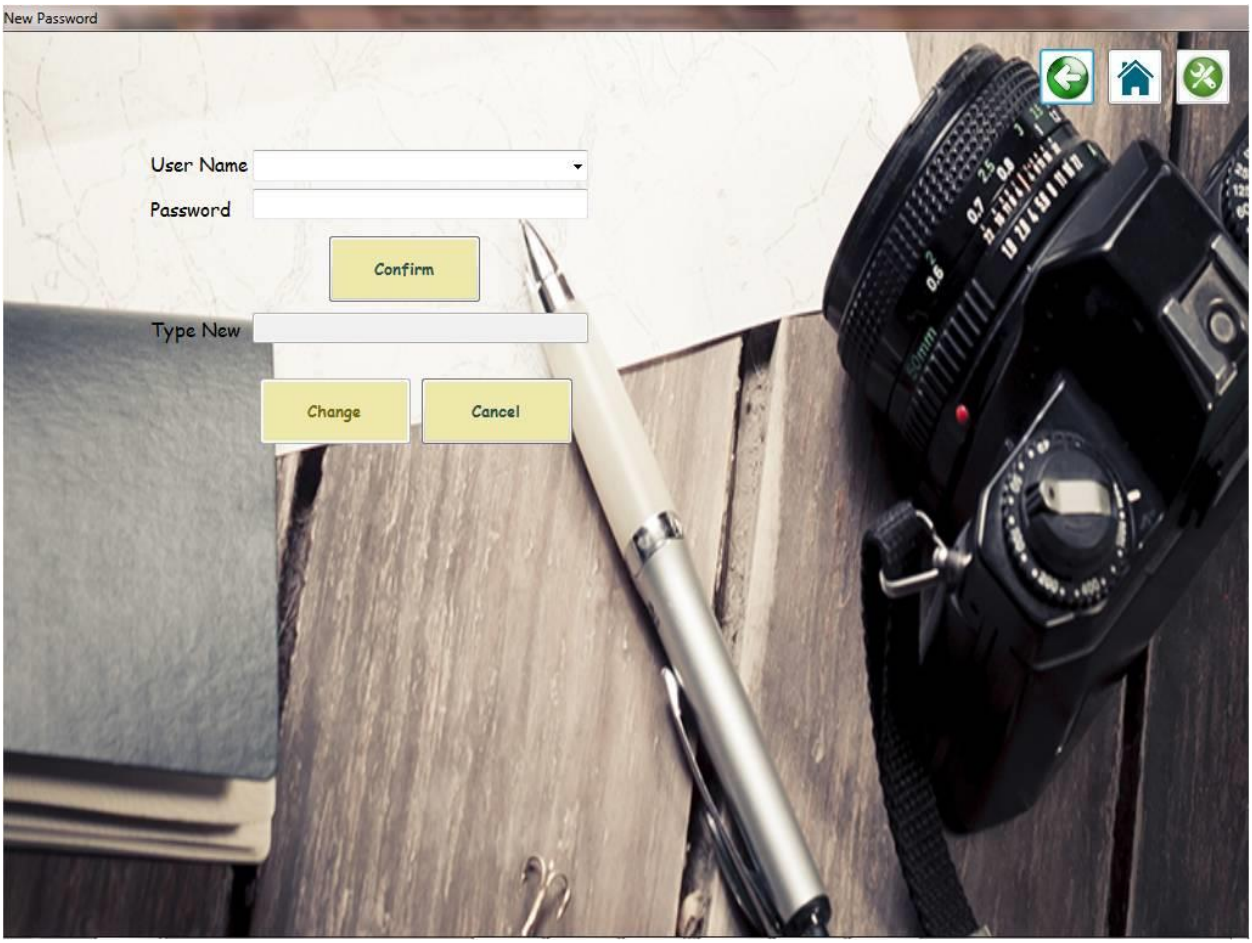
17. Member log



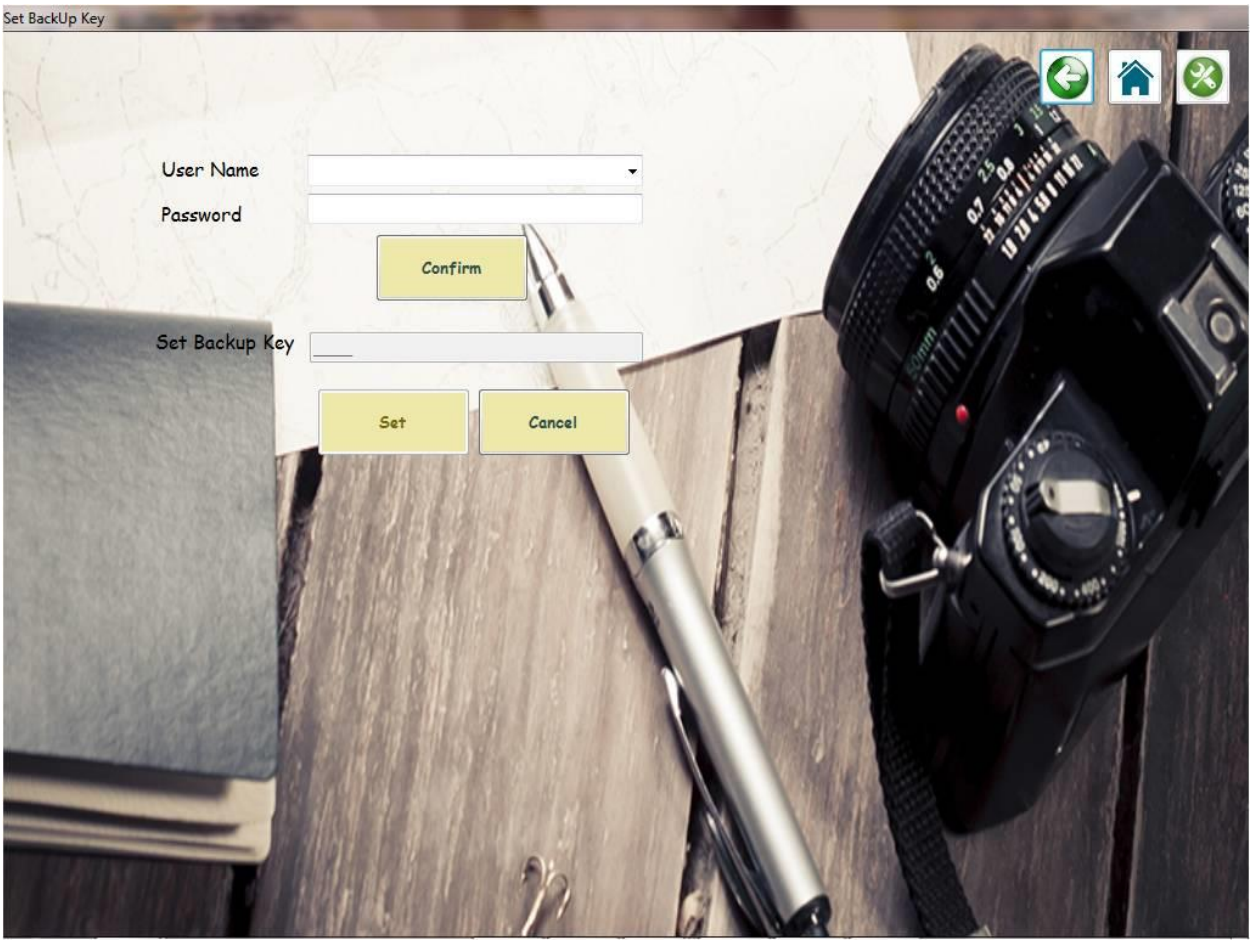
18. Settings



19. Change password



20. Set backup key



Coding

User login

```
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 NEW
{
    public partial class login : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public login()
        {
            InitializeComponent();
        }
        private void Form2_Load(object sender, EventArgs e)
        {

        }

        private void btnlogin_Click(object sender, EventArgs e)
        {

            try
            {

                con.Open();
                string sql = "select * from Tablelog where password='" + txtpwd.Text +
"'";
                com = new SqlCommand(sql, con);
                SqlDataReader dr;
                dr = com.ExecuteReader();
                if (dr.Read())
                {
                    MessageBox.Show("Login success", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    this.Hide();
                    mainmenu obj = new mainmenu();
                    obj.Show();

                }
                else
                {
```

```
                    MessageBox.Show("Login failed!", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    txtpwd.Clear();

                    txtun.Focus();

                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }

        private void txtpwd_KeyPress(object sender, KeyPressEventArgs e)
        {
            if(e.KeyChar==13)
            try
            {

                con.Open();
                string sql = "select * from Tablelog where password='" + txtpwd.Text +
"'";
                com = new SqlCommand(sql, con);
                SqlDataReader dr;
                dr = com.ExecuteReader();
                if (dr.Read())
                {
                    MessageBox.Show("Login success", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    this.Hide();
                    mainmenu obj = new mainmenu();
                    obj.Show();

                }
                else
                {
                    MessageBox.Show("Login failed!", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    txtpwd.Clear();

                    txtun.Focus();

                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }
```

```
        private void btnex_Click(object sender, EventArgs e)
        {
            Application.Exit();
        }

        private void linkLabel1_LinkClicked(object sender, LinkLabelLinkClickedEventArgs
e)
        {
            type obj= new type();
            obj.Show();
            this.Hide();
        }




    }
}
```

Type backup key

```
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 NEW
{
    public partial class type : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public type()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (txtbkup.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                txtbkup.Clear();
                txtbkup.Focus();
            }
            else
            {
                try
                {

                    con.Open();
                    string sql = "select * from Tablelog where backupkey='" +
txtbkup.Text + "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr;
                    dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        MessageBox.Show("Login success", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        this.Hide();
                        mainmenu obj = new mainmenu();
                        obj.Show();

                    }
                    else
```

```
                    {
                        MessageBox.Show("Login failed!", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        txtbkup.Clear();

                        txtbkup.Focus();

                    }
                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {

                    con.Close();
                }
            }
        }

        private void txtbkup_KeyPress(object sender, KeyPressEventArgs e)
        {
            if(e.KeyChar==13)
                if (txtbkup.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    txtbkup.Clear();
                    txtbkup.Focus();
                }
                else
                {
                    try
                    {

                        con.Open();
                        string sql = "select * from Tablelog where backupkey='" +
txtbkup.Text + "'";
                        com = new SqlCommand(sql, con);
                        SqlDataReader dr;
                        dr = com.ExecuteReader();
                        if (dr.Read())
                        {
                            MessageBox.Show("Login success", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                            this.Hide();
                            mainmenu obj = new mainmenu();
                            obj.Show();

                        }
                        else
                        {
                            MessageBox.Show("Login failed!", "Loging",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                            txtbkup.Clear();

                            txtbkup.Focus();
```

```
                    }
                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }
        }

        private void btnback_Click(object sender, EventArgs e)
        {
            login obj = new login();
            obj.Show();

            this.Hide();
        }
    }

}
```

Home page

```
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 NEW
{
    public partial class mainmenu : Form
    {
        public mainmenu()
        {
            InitializeComponent();
        }

        private void btnpro_Click(object sender, EventArgs e)
        {

            project frm = new project();
            frm.Show();
            this.Hide();

        }

        private void btnmem_Click(object sender, EventArgs e)
        {
            member frm = new member();
            frm.Show();
            this.Hide();
        }

        private void btnlogs_Click(object sender, EventArgs e)
        {
            log frm = new log();
            frm.Show();
            this.Hide();
        }

        private void btnset_Click(object sender, EventArgs e)
        {
            settings frm = new settings();
            frm.Show();
            this.Hide();
        }

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

```
            }


        }
    }
```

Project menu

```
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 NEW
{
    public partial class project : Form
    {
        public project()
        {
            InitializeComponent();
        }

        private void btnnew_Click(object sender, EventArgs e)
        {
            proadd frm = new proadd();
            frm.Show();
            this.Hide();
        }

        private void btndel_Click(object sender, EventArgs e)
        {
            prodel frm = new prodel();
            frm.Show();
            this.Hide();
        }

        private void btnedit_Click(object sender, EventArgs e)
        {
            proedit frm = new proedit();
            frm.Show();
            this.Hide();
        }

        private void btnsrc_Click(object sender, EventArgs e)
        {
            prosrc frm = new prosrc();
            frm.Show();
            this.Hide();
        }




        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
```

```
            obj.Show();
            this.Hide();
        }

        private void btnback_Click_1(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click_1(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }


    }
}
```

Add project

```
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 NEW
{
    public partial class proadd : Form
    {

        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;

        public proadd()
        {
            InitializeComponent();

        }


        private void btnadd2_Click(object sender, EventArgs e)
        {

            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();
            }
            else
            {
                try
                {
                    btncan.Enabled = true;
                    con.Open();
                    string sql = "select * from Tablepro where projectno='" + mskno.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr;
                    dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        MessageBox.Show("Project Found,Try Again", "Add Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
                        mskno.Focus();
```

```
                }
                else
                {
                    dtp1.Enabled = true;
                    txtev.Enabled = true;
                    txthtl.Enabled = true;
                    txtcn.Enabled = true;
                    txtpac.Enabled = true;
                    txtadv.Enabled = true;
                    allbata.Enabled = true;
                    othrc.Enabled = true;
                    btnsv.Enabled = true;
                    txtcntct.Enabled = true;
                    txtev.Focus();

                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }
    }

    private void btnsv_Click(object sender, EventArgs e)
    {


            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();

            }

            else
            {
                try
                {
                    con.Open();
                    string sql = "Insert into
Tablepro(projectno,date,event,hotel,cn,pac,advance,allbata,othercost,contact) values('" +
mskno.Text + "','" + dtp1.Text + "','" + txtev.Text + "','" + txthtl.Text + "','" +
txtcn.Text + "','" + txtpac.Text + "','" + txtadv.Text + "','" + allbata.Text + "','" +
othrc.Text + "','"+txtcntct.Text+"')";
                    com = new SqlCommand(sql, con);
                    com.ExecuteNonQuery();
                    MessageBox.Show("Project Added", "Add",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    txtev.Clear();
                    txthtl.Clear();
```

```
                txtcn.Clear();
                txtpac.Clear();
                txtadv.Clear();
                allbata.Clear();
                othrc.Clear();
                txtcntct.Clear();


                mskno.Focus();
                txtcn.Enabled = false;
                dtp1.Enabled = false;
                txtev.Enabled = false;
                txthtl.Enabled = false;
                txtpac.Enabled = false;
                txtadv.Enabled = false;
                allbata.Enabled = false;
                othrc.Enabled = false;
                txtcntct.Enabled = false;

                mskno.Enabled = true;



            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }


        }
    }
```

```
private void btncan_Click(object sender, EventArgs e)
{
      Clear_Text();


}
private void Clear_Text()
{
    mskno.Text = " ";
    mskno.Clear();
    txtev.Clear();
    txthtl.Clear();
    txtcn.Clear();
    txtpac.Clear();
    txtadv.Clear();
```

```
            txtcntct.Clear();
            mskno.Focus();

        }



        private void mskno_KeyPress(object sender, KeyPressEventArgs e)
        {
            if (e.KeyChar == 13)
                if (mskno.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();
                }
                else
                {
                    try
                    {
                        btncan.Enabled = true;
                        con.Open();
                        string sql = "select * from Tablepro where projectno='" +
mskno.Text + "'";
                        com = new SqlCommand(sql, con);
                        SqlDataReader dr;
                        dr = com.ExecuteReader();
                        if (dr.Read())
                        {
                            MessageBox.Show("Project Found,Try Again", "Add Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                            mskno.Clear();
                            mskno.Focus();
                        }
                        else
                        {
                            dtp1.Enabled = true;
                            txtev.Enabled = true;
                            txthtl.Enabled = true;
                            txtcn.Enabled = true;
                            txtpac.Enabled = true;
                            txtadv.Enabled = true;
                            allbata.Enabled = true;
                            othrc.Enabled = true;
                            btnsv.Enabled = true;
                            txtcntct.Enabled = true;
                            txtev.Focus();

                        }
                    }
                    catch (Exception ex)
                    {
                        MessageBox.Show(ex.Message);
                    }
                    finally
                    {
                        con.Close();
```

```
            }
        }
    }

    private void txtev_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txthtl.Focus();
    }

    private void txthtl_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txtcn.Focus();
    }

    private void txtcn_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txtpac.Focus();
    }

    private void txtpac_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txtadv.Focus();
    }

    private void txtadv_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            allbata.Focus();
    }

    private void allbata_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            othrc.Focus();
    }



    private void btnback_Click_1(object sender, EventArgs e)
    {
        project obj = new project();
        obj.Show();
        this.Hide();
    }

    private void btnhome_Click_1(object sender, EventArgs e)
    {
        mainmenu obj = new mainmenu();
        obj.Show();
        this.Hide();
    }

    private void btnstng_Click_1(object sender, EventArgs e)
    {
```

```
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }









        }



        }
```

Delete project

```
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 NEW
{
    public partial class prodel : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public prodel()
        {
            InitializeComponent();
        }

        private void btnsrc2_Click(object sender, EventArgs e)
        {
            {
                try
                {
                    int a;
                    a = int.Parse(txtpac.Text + txtadv.Text + allbata.Text + othrc.Text);
                    MessageBox.Show(a.ToString());
                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);


                }
                if (mskno.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();

                }
                else
                {
                    try
                    {
                        btncan.Enabled = true;
                        btndel.Enabled = true;
```

```
                    con.Open();
                    string sql = "Select * from Tablepro where projectno='" +
mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        txtpn.Text = dr["projectno"].ToString();
                        dtp1.Text = dr["date"].ToString();
                        txtev.Text = dr["event"].ToString();
                        txthtl.Text = dr["hotel"].ToString();
                        txtcn.Text = dr["cn"].ToString();
                        txtpac.Text = dr["pac"].ToString();
                        txtadv.Text = dr["advance"].ToString();
                        allbata.Text = dr["allbata"].ToString();
                        othrc.Text = dr["othercost"].ToString();
                        txtcntct.Text = dr["contact"].ToString();
                        btncan.Enabled = true;
                        btndel.Enabled = true;



                    }
                    else
                    {
                        MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
                        mskno.Focus();

                    }


                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }

        }
    }

    private void btndel_Click(object sender, EventArgs e)
    {
        DialogResult ans = MessageBox.Show("Do you Really Want to Delete this
Record?", "Confirmation", MessageBoxButtons.YesNo, MessageBoxIcon.Question);
        if (ans == DialogResult.Yes)
        {
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
```

```
                mskno.Focus();
            }
            else
            {
                try
                {
                    con.Open();
                    string sql = "Delete from tablepro where projectno='" +
mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    com.ExecuteNonQuery();
                    MessageBox.Show("Project Deleted");

                    mskno.Focus();
                    mskno.Clear();
                    txtpn.Clear();
                    txtev.Clear();
                    txthtl.Clear();
                    txtcn.Clear();
                    txtpac.Clear();
                    txtadv.Clear();
                    allbata.Clear();
                    txtcntct.Clear();
                    othrc.Clear();


                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }
        }
    }


    private void btncan_Click(object sender, EventArgs e)
    {
        Clear_Text();
        mskno.Clear();
        txtev.Clear();
        txthtl.Clear();
        txtcn.Clear();
        txtpac.Clear();
        txtadv.Clear();
        txtcntct.Clear();
        mskno.Focus();


    }
    private void Clear_Text()
    {
        mskno.Text = " ";
```

```
        }

        private void btncan_Click_1(object sender, EventArgs e)
        {
            mskno.Text = " ";
            mskno.Clear();
            txtev.Clear();
            txthtl.Clear();
            txtcn.Clear();
            txtpac.Clear();
            txtadv.Clear();
            allbata.Clear();
            othrc.Clear();
            txtcntct.Clear();

            mskno.Focus();
        }

        private void mskno_KeyPress(object sender, KeyPressEventArgs e)
        {
            if (e.KeyChar == 13)
                if (mskno.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();

                }
                else
                {
                    try
                    {
                        btncan.Enabled = true;
                        btndel.Enabled = true;

                        con.Open();
                        string sql = "Select * from Tablepro where projectno='" +
mskno.Text + "'";
                        com = new SqlCommand(sql, con);
                        SqlDataReader dr = com.ExecuteReader();
                        if (dr.Read())
                        {
                            txtpn.Text = dr["projectno"].ToString();
                            dtp1.Text = dr["date"].ToString();
                            txtev.Text = dr["event"].ToString();
                            txthtl.Text = dr["hotel"].ToString();
                            txtcn.Text = dr["cn"].ToString();
                            txtpac.Text = dr["pac"].ToString();
                            txtadv.Text = dr["advance"].ToString();
                            allbata.Text = dr["allbata"].ToString();
                            othrc.Text = dr["othercost"].ToString();
                            txtcntct.Text = dr["contact"].ToString();
                            btncan.Enabled = true;
                            btndel.Enabled = true;
```

```
                        }
                        else
                        {
                            MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                            mskno.Clear();
                            mskno.Focus();

                        }


                    }
                    catch (Exception ex)
                    {
                        MessageBox.Show(ex.Message);
                    }
                    finally
                    {
                        con.Close();
                    }

                }
        }




        private void btnback_Click(object sender, EventArgs e)
        {
            project obj = new project();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }



    }
}
```

Edit project

```
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 NEW
{
    public partial class proedit : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public proedit()
        {
            InitializeComponent();
        }

        private void btnedit_Click(object sender, EventArgs e)
        {
            txtev.ReadOnly = false;
            txthtl.ReadOnly = false;
            txtcn.ReadOnly = false;
            txtpac.ReadOnly = false;
            txtadv.ReadOnly = false;
            allbata.ReadOnly = false;
            othrc.ReadOnly = false;
            txtcntct.ReadOnly = false;

            txtpn.ReadOnly = false;

            btnsv.Enabled = true;
        }


        private void btnsrc2_Click(object sender, EventArgs e)
        {
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();

            }
            else
            {
                try
```

```
                {


                    con.Open();
                    string sql = "Select * from Tablepro where projectno='" + mskno.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        txtpn.Text = dr["projectno"].ToString();
                        dtp1.Text = dr["date"].ToString();
                        txtev.Text = dr["event"].ToString();
                        txthtl.Text = dr["hotel"].ToString();
                        txtcn.Text = dr["cn"].ToString();
                        txtpac.Text = dr["pac"].ToString();
                        txtadv.Text = dr["advance"].ToString();
                        allbata.Text = dr["allbata"].ToString();
                        othrc.Text = dr["othercost"].ToString();
                        txtcntct.Text = dr["contact"].ToString();

                        btnedit.Enabled = true;


                    }
                    else
                    {
                        MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
                        mskno.Focus();

                    }


                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }
        }

        private void btnsv_Click(object sender, EventArgs e)
        {
            {
                try
                {
                    int a;
                    a = int.Parse(txtpac.Text + txtadv.Text + allbata.Text + othrc.Text);
                    MessageBox.Show(a.ToString());
                }
                catch (Exception ex)
```

```
                {
                    MessageBox.Show(ex.Message);


                }
                try
                {
                    con.Open();
                    string sql = "Update Tablepro set projectno='" + txtpn.Text +
"',date='" + dtp1.Text + "',event='" + txtev.Text + "',hotel='" + txthtl.Text + "',cn='"
+ txtcn.Text + "',pac='" + txtpac.Text + "',advance='" + txtadv.Text + "',allbata='" +
allbata.Text + "',othercost='" + othrc.Text + "',contact='"+txtcntct.Text+"' where
Projectno='" + mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    com.ExecuteNonQuery();
                    MessageBox.Show("Details Updated");



                    mskno.Clear();
                    txtev.Clear();
                    txthtl.Clear();
                    txtcn.Clear();
                    txtpac.Clear();
                    txtadv.Clear();
                    allbata.Clear();
                    txtcntct.Clear();
                    othrc.Clear();

                    mskno.Focus();
                    txtev.ReadOnly = true;
                    txthtl.ReadOnly = true;
                    txtcn.ReadOnly = true;
                    txtpac.ReadOnly = true;
                    txtadv.ReadOnly = true;
                    allbata.ReadOnly = true;
                    othrc.ReadOnly = true;
                    txtcntct.ReadOnly=true;
                    txtpn.ReadOnly = true;
                    mskno.Enabled = true;
                    btnedit.Enabled = false;
                    btnsv.Enabled = false;


                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }
        }

        private void mskno_KeyPress(object sender, KeyPressEventArgs e)
        {
```

```
            if (e.KeyChar == 13)
                if (mskno.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();

                }
                else
                {
                    try
                    {



                        con.Open();
                        string sql = "Select * from Tablepro where projectno='" +
mskno.Text + "'";
                        com = new SqlCommand(sql, con);
                        SqlDataReader dr = com.ExecuteReader();
                        if (dr.Read())
                        {
                            txtpn.Text = dr["projectno"].ToString();
                            dtp1.Text = dr["date"].ToString();
                            txtev.Text = dr["event"].ToString();
                            txthtl.Text = dr["hotel"].ToString();
                            txtcn.Text = dr["cn"].ToString();
                            txtpac.Text = dr["pac"].ToString();
                            txtadv.Text = dr["advance"].ToString();
                            allbata.Text = dr["allbata"].ToString();
                            othrc.Text = dr["othercost"].ToString();
                            txtcntct.Text = dr["contact"].ToString();
                            btnedit.Enabled = true;


                        }
                        else
                        {
                            MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                            mskno.Clear();
                            mskno.Focus();

                        }


                    }
                    catch (Exception ex)
                    {
                        MessageBox.Show(ex.Message);
                    }
                    finally
                    {
                        con.Close();
                    }

                }
```

```
        }


        private void btnback_Click(object sender, EventArgs e)
        {
            project obj = new project();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }

    }
}
```

Search project

```
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 NEW
{
    public partial class prosrc : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public prosrc()
        {
            InitializeComponent();
        }

        private void btnsrc2_Click(object sender, EventArgs e)
        {
            {
                try
                {
                    int a;
                    a = int.Parse(txtpac.Text + txtadv.Text + allbata.Text + othrc.Text);
                    MessageBox.Show(a.ToString());
                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);


                }
                if (mskno.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();

                }
                else
                {
                    try
                    {
                        btncan.Enabled = true;
```

```
                    con.Open();
                    string sql = "Select * from Tablepro where projectno='" +
mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        txtpn.Text = dr["projectno"].ToString();
                        dtp1.Text = dr["date"].ToString();
                        txtev.Text = dr["event"].ToString();
                        txthtl.Text = dr["hotel"].ToString();
                        txtcn.Text = dr["cn"].ToString();
                        txtpac.Text = dr["pac"].ToString();
                        txtadv.Text = dr["advance"].ToString();
                        allbata.Text = dr["allbata"].ToString();
                        othrc.Text = dr["othercost"].ToString();
                        txtcntct.Text = dr["contact"].ToString();
                        btncan.Enabled = true;



                    }
                    else
                    {
                        MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
                        mskno.Focus();

                    }


                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }

        }
    }




    private void btncan_Click(object sender, EventArgs e)
    {
        Clear_Text();
        mskno.Clear();
        txtev.Clear();
```

```
            txthtl.Clear();
            txtcn.Clear();
            txtpac.Clear();
            txtadv.Clear();
            allbata.Clear();
            othrc.Clear();
            txtcntct.Clear();
            mskno.Focus();


        }
        private void Clear_Text()
        {
            mskno.Text = " ";


        }

        private void mskno_KeyPress(object sender, KeyPressEventArgs e)
        {
            if(e.KeyChar==13)

            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();

            }
            else
            {
                try
                {
                    btncan.Enabled = true;


                    con.Open();
                    string sql = "Select * from Tablepro where projectno='" + mskno.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        txtpn.Text = dr["projectno"].ToString();
                        dtp1.Text = dr["date"].ToString();
                        txtev.Text = dr["event"].ToString();
                        txthtl.Text = dr["hotel"].ToString();
                        txtcn.Text = dr["cn"].ToString();
                        txtpac.Text = dr["pac"].ToString();
                        txtadv.Text = dr["advance"].ToString();
                        allbata.Text = dr["allbata"].ToString();
                        othrc.Text = dr["othercost"].ToString();
                        txtcntct.Text = dr["contact"].ToString();
                        btncan.Enabled = true;
```

```
                    }
                    else
                    {
                        MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
                        mskno.Focus();

                    }


                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }

            }




        }


        private void btnback_Click(object sender, EventArgs e)
        {
            project obj = new project();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }


    }
}
```

Member menu

```
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 NEW
{
    public partial class member : Form
    {
        public member()
        {
            InitializeComponent();
        }

        private void btnadd_Click(object sender, EventArgs e)
        {
            memadd frm = new memadd();
            frm.Show();
            this.Hide();
        }

        private void btndel_Click(object sender, EventArgs e)
        {
            memdel frm = new memdel();
            frm.Show();
            this.Hide();
        }

        private void btnedit_Click(object sender, EventArgs e)
        {
            memedit frm = new memedit();
            frm.Show();
            this.Hide();
        }

        private void btnsrc_Click(object sender, EventArgs e)
        {
            memsrc frm = new memsrc();
            frm.Show();
            this.Hide();
        }

        private void btnback_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }
```

```
        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click_1(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }
    }
}
```

Add member

```
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 NEW
{
    public partial class memadd : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;

        public memadd()
        {
            InitializeComponent();
        }


        private void btnadd3_Click(object sender, EventArgs e)
        {
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();
            }
            else
            {
                try
                {
                    btncan.Enabled = true;
                    con.Open();
                    string sql = "select * from Member where num ='" + mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr;
                    dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        MessageBox.Show("Member Found,Try Again", "Add Member",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
                        mskno.Focus();
                    }
                    else
                    {
```

```
                    dtp.Enabled = true;
                    txtnm.Enabled = true;
                    txtage.Enabled = true;
                    txtadr.Enabled = true;
                    txtnic.Enabled = true;
                    txttp1.Enabled = true;
                    txttp2.Enabled = true;
                    txte.Enabled = true;
                    txtsal.Enabled = true;
                    cmb.Enabled = true;
                    btnsv.Enabled = true;
                    txtnm.Focus();

                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }
    }

    private void btnsv_Click(object sender, EventArgs e)
    {
        {









            }
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();
            }
            try
            {
                con.Open();
                string sql = "Insert into
member(num,name,gender,dob,age,address,nic,tp1,tp2,email,sal) values('" + mskno.Text +
"','" + txtnm.Text + "','" + cmb.Text + "','" + dtp.Text + "','" + txtage.Text + "','" +
txtadr.Text + "','" + txtnic.Text + "','" + txttp1.Text + "','" + txttp2.Text + "','" +
txte.Text + "','" + txtsal.Text + "')";
                com = new SqlCommand(sql, con);
                com.ExecuteNonQuery();
                MessageBox.Show("Member Added", "Add", MessageBoxButtons.OKCancel,
MessageBoxIcon.Information);
                mskno.Clear();
                txtnm.Clear();
```

```
                txtage.Clear();
                txtadr.Clear();
                txtnic.Clear();
                txttp1.Clear();
                txttp2.Clear();
                txte.Clear();
                txtsal.Clear();
                mskno.Focus();
                mskno.Enabled = true;
                txtnm.Enabled = false;
                txtage.Enabled = false;
                txtadr.Enabled = false;
                txtnic.Enabled = false;
                txttp1.Enabled = false;
                txttp2.Enabled = false;
                txte.Enabled = false;
                txtsal.Enabled = false;

            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }


        private void btncan_Click(object sender, EventArgs e)
        {
            Clear_Text();
            mskno.Clear();
            txtnm.Clear();
            txtage.Clear();
            txtadr.Clear();
            txtnic.Clear();
            txttp1.Clear();
            txttp2.Clear();
            txte.Clear();
            txtsal.Clear();
            mskno.Focus();
        }
        private void Clear_Text()
        {
            mskno.Text = " ";


        }

        private void mskno_KeyPress(object sender, KeyPressEventArgs e)
        {
            if (e.KeyChar == 13)
                if (mskno.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
```

```
                    mskno.Clear();
                    mskno.Focus();
                }
                else
                {
                    try
                    {
                        btnsv.Enabled = true;
                        btncan.Enabled = true;
                        con.Open();
                        string sql = "select * from Member where num ='" + mskno.Text +
"'";
                        com = new SqlCommand(sql, con);
                        SqlDataReader dr;
                        dr = com.ExecuteReader();
                        if (dr.Read())
                        {
                            MessageBox.Show("Member Found,Try Again", "Add Member",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                            mskno.Clear();
                            mskno.Focus();
                        }
                        else
                        {
                            dtp.Enabled = true;
                            txtnm.Enabled = true;
                            txtage.Enabled = true;
                            txtadr.Enabled = true;
                            txtnic.Enabled = true;
                            txttp1.Enabled = true;
                            txttp2.Enabled = true;
                            txte.Enabled = true;
                            txtsal.Enabled = true;
                            cmb.Enabled = true;

                            txtnm.Focus();

                        }
                    }
                    catch (Exception ex)
                    {
                        MessageBox.Show(ex.Message);
                    }
                    finally
                    {
                        con.Close();
                    }
                }
            }

            private void txtnm_KeyPress(object sender, KeyPressEventArgs e)
            {
                if (e.KeyChar == 13)
                    cmb.Focus();
            }

            private void cmb_KeyPress(object sender, KeyPressEventArgs e)
            {
```

```
        if (e.KeyChar == 13)
        dtp.Focus();
    }

    private void dtp_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txtage.Focus();
    }

    private void txtage_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txtadr.Focus();
    }

    private void txtadr_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txtnic.Focus();
    }

    private void txtnic_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txttp1.Focus();
    }

    private void txttp1_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txttp2.Focus();
    }

    private void txttp2_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txte.Focus();
    }

    private void txte_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            txtsal.Focus();
    }



    private void btnback_Click(object sender, EventArgs e)
    {
        member obj = new member();
        obj.Show();
        this.Hide();
    }

    private void btnhome_Click(object sender, EventArgs e)
    {
        mainmenu obj = new mainmenu();
```

```
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }


    }
}
```

Delete member

```
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 NEW
{
    public partial class memdel : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public memdel()
        {
            InitializeComponent();
        }

        private void btnsrc2_Click(object sender, EventArgs e)
        {
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();
            }
            else
            {
                try
                {
                    btncan.Enabled = true;
                    btndel.Enabled = true;

                    con.Open();
                    string sql = "Select * from Member where num='" + mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        txtmn.Text = dr["num"].ToString();
                        txtnm.Text = dr["name"].ToString();
                        cmb.Text = dr["gender"].ToString();
                        dtp.Text = dr["dob"].ToString();
                        txtage.Text = dr["age"].ToString();
                        txtadr.Text = dr["address"].ToString();
                        txtnic.Text = dr["nic"].ToString();
                        txttp1.Text = dr["tp1"].ToString();
```

```
                    txttp2.Text = dr["tp2"].ToString();
                    txte.Text = dr["email"].ToString();
                    txtsal.Text = dr["sal"].ToString();
                    btncan.Enabled = true;
                    btndel.Enabled = true;



                }
                else
                {
                    MessageBox.Show("Member Not Found", "Search Member",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();

                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }
    }

    private void btndel_Click(object sender, EventArgs e)
    {
        DialogResult ans = MessageBox.Show("Do you Really Want to Delete this
Record?", "Confirmation", MessageBoxButtons.YesNo, MessageBoxIcon.Question);
        if (ans == DialogResult.Yes)
        {
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();
            }
            else
            {
                try
                {
                    con.Open();
                    string sql = "Delete from Member where num='" + mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    com.ExecuteNonQuery();
                    MessageBox.Show("Member Deleted");

                    mskno.Focus();
                    mskno.Clear();
                    txtnm.Clear();
                    txtmn.Clear();
                    txtage.Clear();
                    txtadr.Clear();
```

```
                    txtnic.Clear();
                    txttp1.Clear();
                    txttp2.Clear();
                    txte.Clear();
                    txtsal.Clear();

                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }
        }
    }


    private void btncan_Click(object sender, EventArgs e)
    {
        mskno.Clear();
        txtnm.Clear();
        txtmn.Clear();
        txtage.Clear();
        txtadr.Clear();
        txtnic.Clear();
        txttp1.Clear();
        txttp2.Clear();
        txte.Clear();
        txtsal.Clear();
        mskno.Focus();
    }

    private void mskno_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();
            }
            else
            {
                try
                {
                    btncan.Enabled = true;
                    btndel.Enabled = true;

                    con.Open();
                    string sql = "Select * from Member where num='" + mskno.Text +
"'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
```

```
                {
                    txtmn.Text = dr["num"].ToString();
                    txtnm.Text = dr["name"].ToString();
                    cmb.Text = dr["gender"].ToString();
                    dtp.Text = dr["dob"].ToString();
                    txtage.Text = dr["age"].ToString();
                    txtadr.Text = dr["address"].ToString();
                    txtnic.Text = dr["nic"].ToString();
                    txttp1.Text = dr["tp1"].ToString();
                    txttp2.Text = dr["tp2"].ToString();
                    txte.Text = dr["email"].ToString();
                    txtsal.Text = dr["sal"].ToString();
                    btncan.Enabled = true;
                    btndel.Enabled = true;




                }
                else
                {
                    MessageBox.Show("Member Not Found", "Search Member",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();


                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }

        }
    }



    private void button1_Click(object sender, EventArgs e)
    {
        member obj = new member();
        obj.Show();
        this.Hide();
    }

    private void button2_Click(object sender, EventArgs e)
    {
        mainmenu obj = new mainmenu();
        obj.Show();
        this.Hide();
    }
```

```
        private void button3_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }
    }
}
```

Edit member details

```
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 NEW
{
    public partial class memedit : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public memedit()
        {
            InitializeComponent();
        }

        private void btnedit_Click(object sender, EventArgs e)
        {
            txtnm.ReadOnly = false;
            txtmn.ReadOnly = false;
            txtage.ReadOnly = false;
            txtadr.ReadOnly = false;
            txtnic.ReadOnly = false;
            txttp1.ReadOnly = false;
            txttp2.ReadOnly = false;
            txte.ReadOnly = false;
            txtsal.ReadOnly = false;


            btnsv.Enabled = true;
        }

        private void btnsv_Click(object sender, EventArgs e)
        {
            try
            {
                con.Open();
                string sql = "Update Member set num='" + txtmn.Text + "',name='" +
txtnm.Text + "',gender='" + cmb.Text + "',dob='" + dtp.Text + "',age='" + txtage.Text +
"',address='" + txtadr.Text + "',nic='" + txtnic.Text + "',tp1='" + txttp1.Text +
"',tp2='" + txttp2.Text + "',email='" + txte.Text + "',sal='" + txtsal.Text + "' where
num='" + mskno.Text + "'";
                com = new SqlCommand(sql, con);
```

```
                com.ExecuteNonQuery();
                MessageBox.Show("Details Updated");



                mskno.Clear();
                txtnm.Clear();
                txtmn.Clear();
                txtage.Clear();
                txtadr.Clear();
                txtnic.Clear();
                txttp1.Clear();
                txttp2.Clear();
                txte.Clear();
                txtsal.Clear();
                mskno.Focus();
                txtnm.ReadOnly = true;
                txtmn.ReadOnly = true;
                txtage.ReadOnly = true;
                txtadr.ReadOnly = true;
                txtnic.ReadOnly = true;
                txttp1.ReadOnly = true;
                txttp2.ReadOnly = true;
                txte.ReadOnly = true;
                txtsal.ReadOnly = true;
                mskno.Enabled = true;
                btnedit.Enabled = false;
                btnsv.Enabled = false;


            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }

        private void btnsrc2_Click(object sender, EventArgs e)
        {
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();
            }
            else
            {
                try
                {



                    con.Open();
```

```
                string sql = "Select * from Member where num='" + mskno.Text + "'";
                com = new SqlCommand(sql, con);
                SqlDataReader dr = com.ExecuteReader();
                if (dr.Read())
                {
                    txtmn.Text = dr["num"].ToString();
                    txtnm.Text = dr["name"].ToString();
                    cmb.Text = dr["gender"].ToString();
                    dtp.Text = dr["dob"].ToString();
                    txtage.Text = dr["age"].ToString();
                    txtadr.Text = dr["address"].ToString();
                    txtnic.Text = dr["nic"].ToString();
                    txttp1.Text = dr["tp1"].ToString();
                    txttp2.Text = dr["tp2"].ToString();
                    txte.Text = dr["email"].ToString();
                    txtsal.Text = dr["sal"].ToString();

                    btnsv.Enabled = true;
                    btnedit.Enabled = true;


                }
                else
                {
                    MessageBox.Show("Member Not Found", "Search Member",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();

                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }
    }

    private void mskno_KeyPress(object sender, KeyPressEventArgs e)
    {
        if (e.KeyChar == 13)
        if (mskno.Text.Length < 4)
        {
            MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
            mskno.Clear();
            mskno.Focus();
        }
        else
        {
            try
            {
```

```
                    con.Open();
                    string sql = "Select * from Member where num='" + mskno.Text + "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        txtmn.Text = dr["num"].ToString();
                        txtnm.Text = dr["name"].ToString();
                        cmb.Text = dr["gender"].ToString();
                        dtp.Text = dr["dob"].ToString();
                        txtage.Text = dr["age"].ToString();
                        txtadr.Text = dr["address"].ToString();
                        txtnic.Text = dr["nic"].ToString();
                        txttp1.Text = dr["tp1"].ToString();
                        txttp2.Text = dr["tp2"].ToString();
                        txte.Text = dr["email"].ToString();
                        txtsal.Text = dr["sal"].ToString();

                        btnsv.Enabled = true;
                        btnedit.Enabled = true;


                    }
                    else
                    {
                        MessageBox.Show("Member Not Found", "Search Member",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
                        mskno.Focus();

                    }
                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
            }
        }

        private void btnback_Click(object sender, EventArgs e)
        {
            member obj = new member();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }
```

```
        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }
    }
}
```

Count profit

```
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 NEW
{
    public partial class income : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public income()
        {
            InitializeComponent();
        }

        private void btnsrc_Click(object sender, EventArgs e)
        {

            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();

            }
            else
            {
                try
                {
                    btncnt.Enabled = true;
                    btncntp.Enabled = true;



                    con.Open();
                    string sql = "Select * from Tablepro where projectno='" + mskno.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {
```

```
                    txtev.Text = dr["event"].ToString();
                    txtpac.Text = dr["pac"].ToString();
                    allbata.Text = dr["allbata"].ToString();
                    othrc.Text = dr["othercost"].ToString();



                }
                else
                {
                    MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    mskno.Clear();
                    mskno.Focus();

                }


            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }
    }



    private void btncnt_Click(object sender, EventArgs e)
    {

        c1.Text = (Double.Parse(allbata.Text) + Double.Parse(othrc.Text)).ToString();


    }

    private void income_Load(object sender, EventArgs e)
    {
        mskno.Focus();

    }


    private void btnclr_Click(object sender, EventArgs e)
    {
        mskno.Clear();
        txtev.Clear();
        txtpac.Clear();
        allbata.Clear();
        othrc.Clear();
        c1.Clear();
        txtpr.Clear();
```

```
            mskno.Focus();
            btncnt.Enabled = false;
            btncntp.Enabled = false;

        }
        int pac;
        int cst;
        int prf;
        private void btncntp_Click(object sender, EventArgs e)
        {
            pac = int.Parse(txtpac.Text);
            cst = int.Parse(c1.Text);
            prf = pac - cst;
            txtpr.Text = prf.ToString();

        }

        private void mskno_KeyPress(object sender, KeyPressEventArgs e)
        {
            if(e.KeyChar==13)
            if (mskno.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                mskno.Clear();
                mskno.Focus();

            }
            else
            {
                try
                {
                    btncnt.Enabled = true;
                    btncntp.Enabled = true;



                    con.Open();
                    string sql = "Select * from Tablepro where projectno='" + mskno.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr = com.ExecuteReader();
                    if (dr.Read())
                    {

                        txtev.Text = dr["event"].ToString();
                        txtpac.Text = dr["pac"].ToString();
                        allbata.Text = dr["allbata"].ToString();
                        othrc.Text = dr["othercost"].ToString();



                    }
                    else
                    {
                        MessageBox.Show("Project Not Found", "Search Project",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        mskno.Clear();
```

```
                    mskno.Focus();

                }


            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }
    }

    private void btnback_Click_1(object sender, EventArgs e)
    {
        mainmenu obj = new mainmenu();
        obj.Show();
        this.Hide();
    }

    private void btnhome_Click(object sender, EventArgs e)
    {
        mainmenu obj = new mainmenu();
        obj.Show();
        this.Hide();
    }

    private void btnstng_Click(object sender, EventArgs e)
    {
        settings obj = new settings();
        obj.Show();
        this.Hide();
    }
}
}
```

Logs menu

```
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 NEW
{
    public partial class log : Form
    {
        public log()
        {
            InitializeComponent();
        }

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

        private void button2_Click(object sender, EventArgs e)
        {
            memlog frm = new memlog();
            frm.Show();
            this.Hide();
        }

        private void btnback_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }
    }
}
```

Project log

```
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 NEW
{
    public partial class prolog : Form
    {
        public prolog()
        {
            InitializeComponent();
        }



        private void prolog_Load(object sender, EventArgs e)
        {
            // TODO: This line of code loads data into the 'mainDataSet4.tablepro' table.
You can move, or remove it, as needed.
            this.tableproTableAdapter3.Fill(this.mainDataSet4.tablepro);

        }


        private void btnback_Click(object sender, EventArgs e)
        {
            log obj = new log();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }


    }
}
```

Member log

```
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 NEW
{
    public partial class memlog : Form
    {

        public memlog()
        {
            InitializeComponent();
        }
        private void memlog_Load(object sender, EventArgs e)
        {
            // TODO: This line of code loads data into the 'mainDataSet5.member' table.
You can move, or remove it, as needed.

            this.memberTableAdapter1.Fill(this.mainDataSet5.member);

        }
        private void btnback_Click(object sender, EventArgs e)
        {
            log obj = new log();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }


    }
}
```

Settings

```
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 NEW
{
    public partial class settings : Form
    {

        public settings()
        {
            InitializeComponent();
        }

        private void btncp_Click(object sender, EventArgs e)
        {
            chngepwd obj = new chngepwd();
            obj.Show();
            this.Hide();
        }

        private void btnbkup_Click(object sender, EventArgs e)
        {
            set obj = new set();
            obj.Show();
            this.Hide();
        }

        private void btnlgout_Click(object sender, EventArgs e)
        {
             DialogResult ans = MessageBox.Show("Do you Really Want to Log out?", "Log
out", MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (ans == DialogResult.Yes)
                try
                {


                    login obj = new login();
                    obj.Show();
                    this.Hide();


                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
        }

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

```
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }




    }
}
```

Change password

```
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 NEW
{
    public partial class chngepwd : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public chngepwd()
        {
            InitializeComponent();
        }
        private void btncnge_Click(object sender, EventArgs e)
        {
            if (newpwd.Text.Length < 4)
            {
                MessageBox.Show("Add More items", "Less security",
MessageBoxButtons.YesNo, MessageBoxIcon.Information);
                newpwd.Clear();
                newpwd.Focus();
            }
            else
            {

                {
                    DialogResult ans = MessageBox.Show("Do you Really Want to Change the
password?", "Confirmation", MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                    if (ans == DialogResult.Yes)
                        try
                        {
                            con.Open();
                            string sql = "Update Tablelog set password='" + newpwd.Text +
"'";

                            com = new SqlCommand(sql, con);
                            com.ExecuteNonQuery();
                            MessageBox.Show("Password changed!");



                        }
                        catch (Exception ex)
                        {
```

```
                        MessageBox.Show(ex.Message);
                    }
                    finally
                    {
                        con.Close();
                        this.Hide();
                        settings obj = new settings();
                        obj.Show();
                    }
                }
            }
        }

        private void txtpwd_KeyPress(object sender, KeyPressEventArgs e)
        {
            if (e.KeyChar == 13)
                try
                {

                    con.Open();
                    string sql = "select * from Tablelog where password='" + txtpwd.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr;
                    dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        MessageBox.Show("Confirmed", "Confirm",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        newpwd.Enabled = true;
                        btncnge.Enabled = true;
                        newpwd.Focus();


                    }
                    else
                    {
                        MessageBox.Show("Confirmation failed!", "Confirm",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        txtpwd.Clear();


                        txtun.Focus();

                    }
                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }

        }
```

```
        private void btnback_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }

        private void btnhome_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void btnstng_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }

        private void btnlogin_Click(object sender, EventArgs e)
        {

                try
                {

                    con.Open();
                    string sql = "select * from Tablelog where password='" + txtpwd.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr;
                    dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        MessageBox.Show("Confirmed", "Confirm",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        newpwd.Enabled = true;
                        btncnge.Enabled = true;
                        newpwd.Focus();


                    }
                    else
                    {
                        MessageBox.Show("Confirmation failed!", "Confirm",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        txtpwd.Clear();


                        txtun.Focus();

                    }
                }
                catch (Exception ex)
```

```
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                }
        }


    }
}
```

Set backup key

```
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 NEW
{
    public partial class set : Form
    {
        SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=K:\NEW\NEW\Main.mdf;Integrated Security=True;User
Instance=True");
        SqlCommand com;
        public set()
        {
            InitializeComponent();
        }

        private void txtpwd_KeyPress(object sender, KeyPressEventArgs e)
        {
            if (e.KeyChar == 13)
                try
                {

                    con.Open();
                    string sql = "select * from Tablelog where password='" + txtpwd.Text
+ "'";
                    com = new SqlCommand(sql, con);
                    SqlDataReader dr;
                    dr = com.ExecuteReader();
                    if (dr.Read())
                    {
                        MessageBox.Show("Confirmed", "Confirm",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        txtbkup.Enabled = true;
                        btnset.Enabled = true;
                        txtbkup.Focus();


                    }
                    else
                    {
                        MessageBox.Show("Confirmation failed!", "Confirm",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                        txtpwd.Clear();


                        txtun.Focus();
```

```
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }

        }




        private void txtbkup_KeyPress(object sender, KeyPressEventArgs e)
        {
            if(e.KeyChar==13)
                if (txtbkup.Text.Length < 4)
                {
                    MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    txtbkup.Clear();
                    txtbkup.Focus();
                }
                else
                {
                    try
                    {
                        con.Open();
                        string sql = "Update Tablelog set backupkey='" + txtbkup.Text +
"'";
                        com = new SqlCommand(sql, con);
                        com.ExecuteNonQuery();
                        MessageBox.Show("Backup key set!");



                    }
                    catch (Exception ex)
                    {
                        MessageBox.Show(ex.Message);
                    }
                    finally
                    {
                        con.Close();
                        this.Hide();
                        settings obj = new settings();
                        obj.Show();
                    }
                }

        }
```

```
        private void btnback_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            mainmenu obj = new mainmenu();
            obj.Show();
            this.Hide();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();
        }

        private void btnex_Click(object sender, EventArgs e)
        {
            settings obj = new settings();
            obj.Show();
            this.Hide();

        }

        private void btnlogin_Click_1(object sender, EventArgs e)
        {
            try
            {

                con.Open();
                string sql = "select * from Tablelog where password='" + txtpwd.Text +
"'";
                com = new SqlCommand(sql, con);
                SqlDataReader dr;
                dr = com.ExecuteReader();
                if (dr.Read())
                {
                    MessageBox.Show("Confirmed", "Confirm", MessageBoxButtons.OKCancel,
MessageBoxIcon.Information);
                    txtbkup.Enabled = true;
                    btnset.Enabled = true;
                    txtbkup.Focus();


                }
                else
                {
                    MessageBox.Show("Confirmation failed!", "Confirm",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                    txtpwd.Clear();


                    txtun.Focus();
```

```
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
            finally
            {
                con.Close();
            }
        }

        private void btnset_Click(object sender, EventArgs e)
        {
            if (txtbkup.Text.Length < 4)
            {
                MessageBox.Show("Wrong Length", "Length Check",
MessageBoxButtons.OKCancel, MessageBoxIcon.Information);
                txtbkup.Clear();
                txtbkup.Focus();
            }
            else
            {
                try
                {
                    con.Open();
                    string sql = "Update Tablelog set backupkey='" + txtbkup.Text + "'";
                    com = new SqlCommand(sql, con);
                    com.ExecuteNonQuery();
                    MessageBox.Show("Backup key set!");



                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);
                }
                finally
                {
                    con.Close();
                    this.Hide();
                    settings obj = new settings();
                    obj.Show();
                }
            }
        }


    }
}
```

Data table structure

1. Login table

dbo.Tablelog: Table(admin-pc\2ee6d374-ff8e-4d.K:\NEW\NEW\MAIN.MDF)

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

2. Project table

dbo.tablepro: Table(admin-pc\2ee6d374-ff8e-4d.K:\NEW\NEW\MAIN.MDF)

Column Name	Data Type	Allow Nulls
projectno	int	☐
date	varchar(50)	☐
event	varchar(50)	☐
hotel	varchar(50)	☐
cn	varchar(50)	☐
pac	int	☐
advance	int	☐
allbata	int	☐
othercost	int	☐
contact	varchar(50)	☐
		☐

3. Member table

dbo.member: Table(admin-pc\2ee6d374-ff8e-4d.K:\NEW\NEW\MAIN.MDF)

Column Name	Data Type	Allow Nulls
num	int	☐
name	varchar(50)	☐
gender	varchar(50)	☐
dob	date	☐
age	int	☐
address	varchar(MAX)	☐
nic	varchar(50)	☐
tp1	varchar(50)	☐
tp2	varchar(50)	☑
email	varchar(50)	☑
sal	int	☐
		☐

Implementation and Evaluation

	20	21	22	23	24	25	26	27	28	29	30	1	2	3
Requirements analysis and definition														
System and software design														
Implementation and unit testing														
Integration and system testing														
Operation and maintenance														

Testing Reports

System Requirements

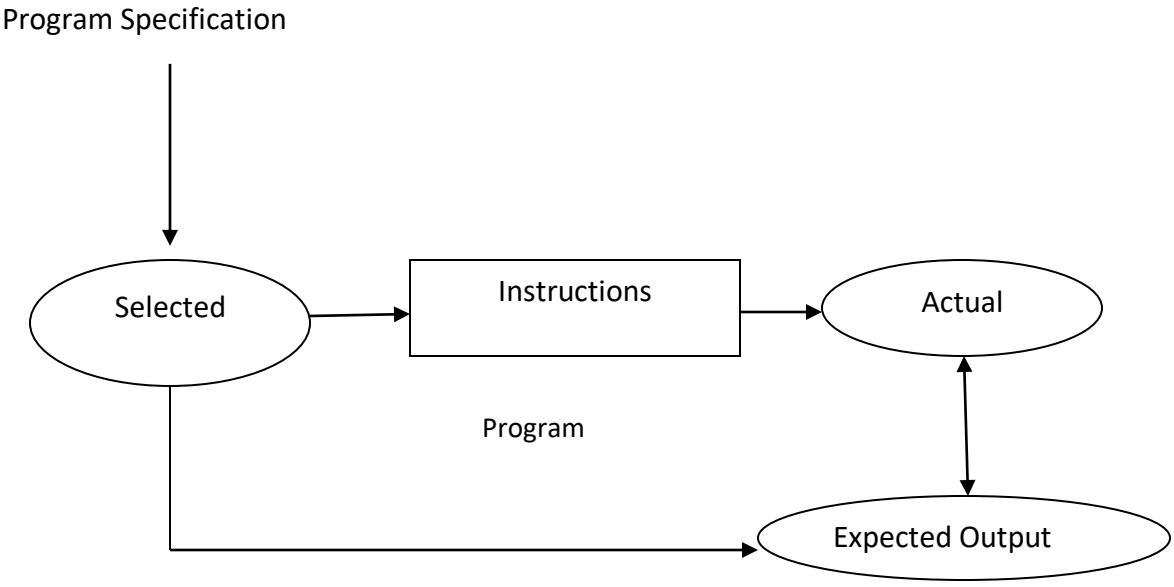
Hardware Requirements

- Processor : Pentium IV or better
- RAM : 1GB or more
- Hard disk : 20GB
- Monitor : any
- Keyboard : any

Software Requirements

- Operating system : Windows 98, Windows XP, Windows 7 Or better
- Language : c#
- Black End : SQL server

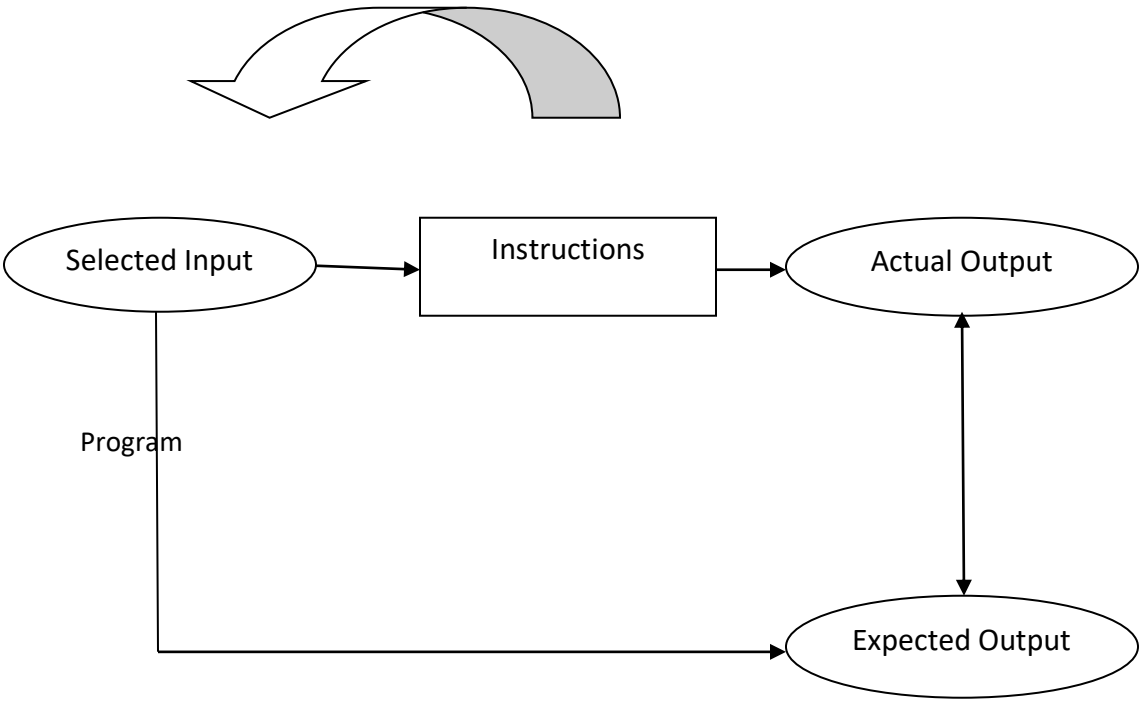
Black Box Testing



In this approach the program is assumed to be a black box where the processing logic unit cannot be seen. This means that what is happening inside the program is not important to the person who is carrying out the testing. The tester is worried about the output that the program producers Therefore, the aim of testing is to check whether the program produces the correct output for every single input.

Test data are selected based on the program specification and not based on the logic of the program. Therefore, some of the logical pathway may be missed with the chosen test data.

White Box Testing

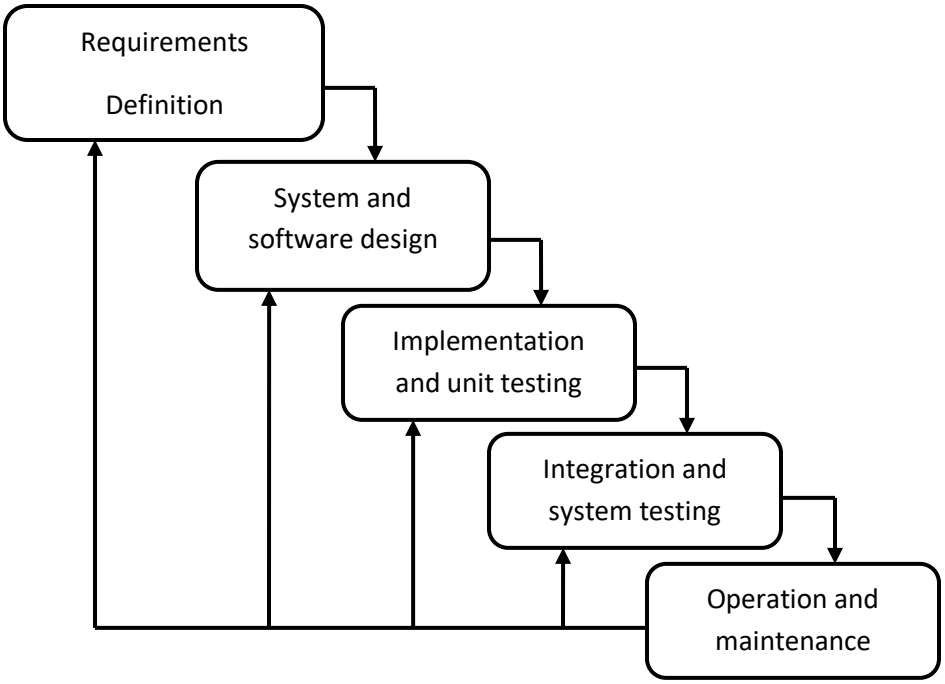


Here the program is assumed to be a transparent box where the logic in it is seen by the tester, that means the processing logic is considered important in this method therefore testing is carried out to check whether the input are driven correctly by the logic and as a result correct outputs are obtained.

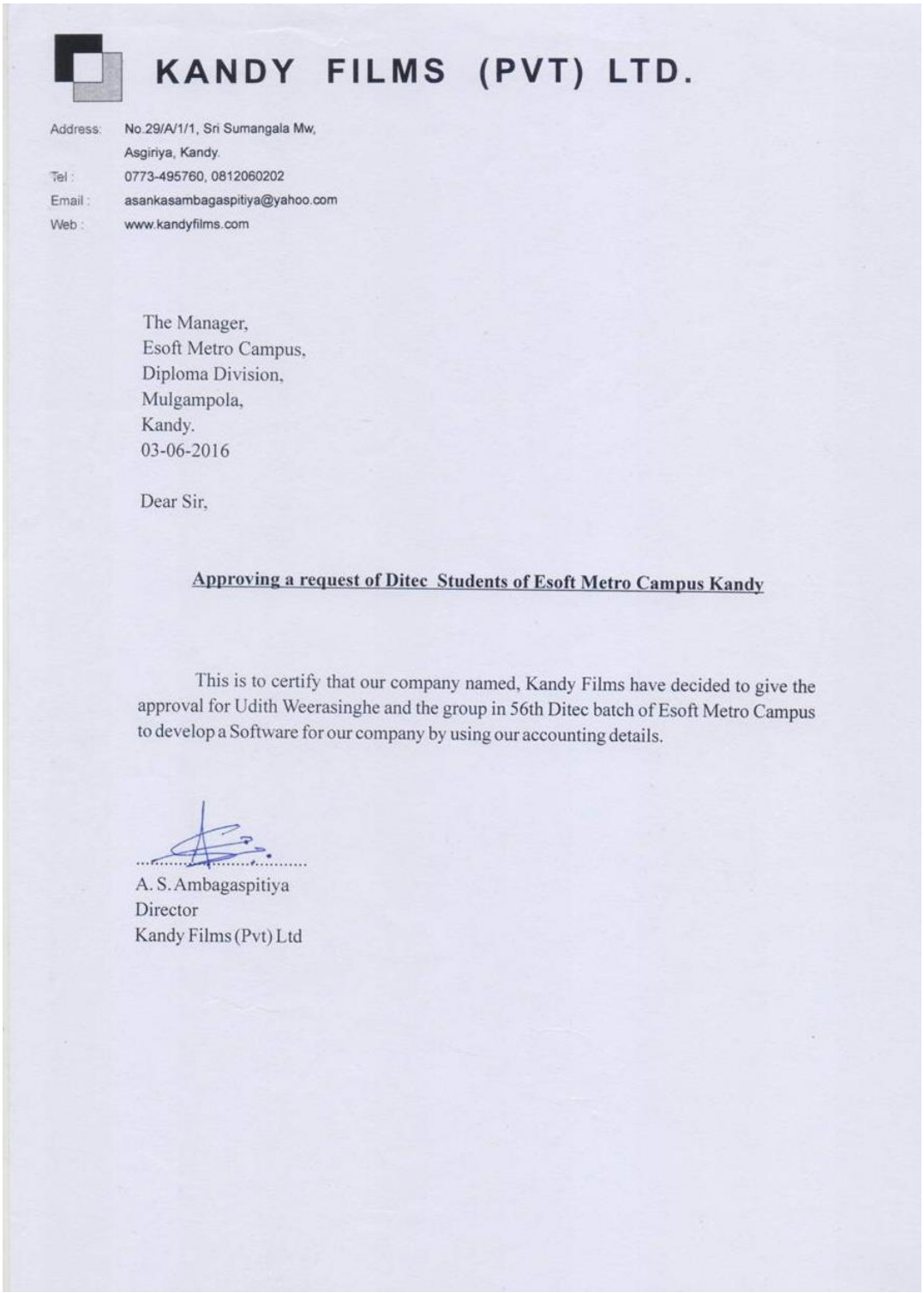
Test data are selected based on the logic. Or the program to test each and every possible logical pathway.

Application Maintenance and agreements with client

- Longest life circle phase
- The system is installed and put into practical use.
- Maintenance involves correcting errors which are not discovered in earlier stage of life cycle, improving the implementation of system units and adding the system requirements as new requirements are discovered.
- This involves activities like staff training, file conversation (turning manual files into computer files), site preparation, preparing user manuals and possibly some parallel running.



Client agreement letter



KANDY FILMS (PVT) LTD.

Address: No.29/A/1/1, Sri Sumangala Mw,
Asgiriya, Kandy.
Tel : 0773-495760, 0812060202
Email : asankasambagaspitiya@yahoo.com
Web : www.kandyfilms.com

The Manager,
Esoft Metro Campus,
Diploma Division,
Mulgampola,
Kandy.
03-06-2016

Dear Sir,

Approving a request of Ditec Students of Esoft Metro Campus Kandy

This is to certify that our company named, Kandy Films have decided to give the approval for Udith Weerasinghe and the group in 56th Ditec batch of Esoft Metro Campus to develop a Software for our company by using our accounting details.

.....
A. S. Ambagaspitiya
Director
Kandy Films (Pvt) Ltd

References

- Esoft Ditec part II
- https://www.youtube.com/watch?v=_zQtpj3UdNw
- http://stackoverflow.com/questions/18695146/how-to-using-timer-in-c-sharp-to-hovering-button
- http://www.c-sharpcorner.com/article/timer-in-C-Sharp/
- https://www.youtube.com/watch?v=OBsGRqXzOhk
- http://www.codingfriends.com/index.php/2009/07/24/add-two-numbers/
- https://msdn.microsoft.com/en-us/library/67ef8sbd.aspx
- https://en.m.wikipedia.org/wiki/c_sharp_(programming_language)
- http://www.c-sharpcorner.com