Dangerous Drug Preventing System

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Student Details

Project Title   :- Dangerous Drug Preventing System

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Course Name   :- Diploma in Software Engineering

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Client Details

Organization Name   :- National Dangerous Drugs Control Board

Location   :- Rajagiriya Rd, Sri Jayawardenepura Kotte.

Website   :- www.nddcb.gov.lk

Contact No   :- +940112868794

Contents

1.Acknowledgement

I have spent and time on this project, however of this haven't been possible without the help of lecturer and my parents.

I wish to express my sincere gratitude to our lecturer Miss. Shazna , My parents and My friends who provided me encouragement and help in making this project successful.

2. Abstract

The Esoft DiSE project was to develop a functional Windows Application for an actual client. Dangerous Drug Preventing System was developed to meet the requirements of National Dangerous Drugs Control Board. As the dangerous drug usage among school children and young people are getting increased day by day the National Dangerous Drugs Control Board needed to make usage of the public to eradicate this from our country. As a solution this software is made to build a connection between the public and the National Dangerous Drugs Control Board members or Police officers. Through this system public can create an account and login to the app and they can add a complain about dangerous drug dealers, dangerous drug victims, etc. To make this software I did research among my friends. From this research I understood that many of the public has the wiling to free our country from these dangerous drugs. But the fear for life inside them is preventing them from pointing out the criminals who were ruining this society. So, I made a great concern in protecting user information in this system. In this system only top-level higher officials have the access to user information. So, users can now trust this system and make their complains without any fear. All the systems are tested throughout the development of the system. All the bugs identified were fixed and now the software is fully functional. System is developed using Visual Studio 2017 and Microsoft SQL Server Management Studio. This system is developed within the time period of 2 months. All the functions are now fully functional and ready to implement in the outside society.

3.Introduction

For my Esoft DiSE Diploma project I have developed a Windows based Application System named **Dangerous Drug Preventing System.**

Dangerous Drug Preventing System is a custom system developed to meet requirements of the National Dangerous Drugs Control Board. As the dangerous drug usage among school children and young people are getting increased day by day the National Dangerous Drugs Control Board needed to make usage of the public to eradicate this from our country. After many researches I understood that many people are willing point out the crimes but they are afraid. Through this software any citizen in SriLanka can make a complain about anything related to dangerous drug anonymously. Officers can view the complains and take actions according to the situation. In one way this software provides information for the officers int the other way these complains can act as an evidence for arrested acquits. And also, officers should make sure that information providers information are being safeguarded.

This system is the combination of two sub systems or software's:

1. **Drug Preventing App:** This is released to the public and they can create an account and provide the   information or complain through this app.

2. **Drug Preventing Administrator App:** This version given for the officers, by this officer can view the complains and user data.

Each and every form is designed to be more user friendly. Many functions are automated to make the application easy to use.

In **Drug Preventing App** users can delete their account if they want but in **Drug Preventing Administrator App** higher officers only can delete the account of the users. This is to prevent illegal access to **Drug Preventing Administrator App.**

To make this system more secure when adding new users to **Drug Preventing Administrator App** the user who adds the new user is also recorded. And in both sub systems users can change passwords at any time.

And as to make more secure some functions are restricted only for the higher level officers in the **Drug Preventing Administrator App.**

4.Objectives Of The Project

- Finding a suitable solution to the identified problem.

- Creating database which can store each and every important information in a proper manner.

- Making the system as much as secure.

- Creating automated functions as possible to ease the usage to the user.

- Test and debug the code through every step of the development process to ensure proper and secure functionality.

- Developing a system with all these requirements within 2 months.

5.Project Management

Since Esoft DiSE is an individual project, project management and everything in this project is done individually.

5.1.Project Scope Management

As this is a project connected with lives of the public when planning the scope of the project, I had to consider more about the security for the user's information and designing the interfaces to get more accurate and trust worthy information from the public. So, the scope of the project is made considering both the needs of the client and the public.

5.2. Project Time Management

Two months' time period is one of the major problems that I had to face when making this project. As a A/L student I had attend school and then classes. Doing this project while managing all of my A/L studies was a very tough challenge. So, I had to plan and work on this project with a time table. Whenever I got a time I worked on this project. At final somehow, I managed to finish the whole coding works and testing before a week from the date of the submission.

	June		July		
Date	18-24	25-30	1-10	11-17	18-21
Planning	■				
Designing		■			
Implementation		■			
Integration		■	■		
Testing				■	
Closing				■	
Submit					■
Deployment					■

5.3. Project Cost Management

The project cost is much lower than what I thought. To take the survey from my friends I had to buy them 15 ice-creams which totally costed 300/=. And for the proposal and the project book it costed 1000/=. As I needed to find some information from internet, internet cards costed around 500/=. And for the transportation it costed 200/=. So, the total cost is around 200/=. All the money I spent in this project is given by my parents.

6.Requirement Analysis

6.1.Previous System

The previous system of making a complaint for any illegal activities is going to a police station making a complain. But according some analytics I understood this system is complete failure in preventing dangerous drug from the country. This is because many of us don't have the trust in the police station. Many of us are fearing that the police officers may provide their information to the drug dealers in the area. We all know that many police officers in nowadays are not 100% loyal to the country. So, they feel very scared of making a complaint in a police station. And National Dangerous Drugs Control Board had identified that without the help of the people eradicating drug from our country is impossible. To solve all these problems this software is developed. Through this people can make complains about Dangerous Drugs from their computer without fearing about their security. Because the user's information can only view by the higher officials. And also, higher officials only can add new users to **Drug Preventing Administrator App.**

6.2.Requirements of the Required Application System

Functional Requirements

This system is a combination of two software. One system is for the public and the other system is for the officers who control the dangerous drug over the country. The publics only can make a new complaint, delete their account and update their password. And the officers can mange the complaints given by the public users.

Functional Requirements of Drug Preventing App:

This software mainly contains four components,

- Creating an account and Login
- Making new complaints
- Deleting the account
- Updating the password

Creating an account and Login

This function in the Drug Preventing App is available for any user who has the software.

- Create an account using correct information. When creating a new account user should provide their NIC number, username and a password.
- Login using the created account username and password.

Making new complaints

Any user who has logged in can make complain. The complaint survey is created in such a way which can extract accurate information's from the users.

- Can make complaints about Dangerous Drug Dealers.
- Can make complaints about Dangerous Drug Victims.
- Can make complaints about a Place where Dangerous Drug Dealing is taking place.
- Can make other complaints about Dangerous Drugs.

Specially one user can make infinite numbers of complaints.

<u>Deleting the account</u>

If any user wishes to delete his/her account, they can delete it anytime they want and they can also create another account after deleting using the same NIC number. But when they were deleting their account only the account is deleted not the complaints they made. Complaints they made have all their information within a single digit. This can be viewed by the very high official in the department.

<u>Updating the password</u>

This function is created to make the users account more secure. Users can randomly change their password at any time to be more secure when handling with data. Before changing the password, you should enter your old password also. This makes this system more secure.

<u>Functional Requirements of Drug Preventing Administrator App:</u>

This version of the software mainly contains components which were depended on the users' position.

Higher Official:

Higher officials contain three components,

- Managing Complaints
- Managing Public Users
- Managing Officers
- Updating the password

<u>Managing Complaints</u>

Can view the complaints created by the users. Also, complaints can be filtered using province, user id, etc. No one can't make any changes in these complaints.

Managing Public Users

The higher officials only have the power to view the public accounts information. This is to protect the software from spammers. They can view the information but cannot make any changes to the user's accounts.

Managing Officers

The higher officials only can add a new user, edit an existing user, delete an existing user, and view the details of the users. If a higher official edited or added a user his id is also recorded. So, no one can perform illegal works.

Updating the password

This function is created to make the users account more secure. Users can randomly change their password at any time to be more secure when handling with data. Before changing the password, you should enter your old password also. This makes this system more secure.

Non-Functional Requirements

Maintainability

This software is now made up to the client's expectations. This system should be capable to be updated with improvement of new technologies. According to my opinion this system capable to update according the need of the people.

Usability

If a system to be perfect it should be designed to be understood by the user at the first glance. Every form in this system is defined with correct meaningful texts to make easier to understand by the user.

Efficiency

Every function is well planned and programmed so, there is no extra usage or ram for unnecessary processing.

Security

This system is related with real public and the lives. So, when making the system I gave the first place to security of the software. I have planned and made every function very secure without any errors or lags. Many automations and many verifications are added to improve the security of the system.

6.3. Requirements For The Installation Of The Application System

Software requirements for **Drug Preventing App**

- Windows Xp or higher version of Windows OS
- .NET Framework 4.5.1

Software requirements for **Drug Preventing Administrator App**

- Windows Xp or higher version of Windows OS
- .NET Framework 4.5.1
- Microsoft SQL Server
- Microsoft SQL Server Management Studio

Hardware requirements for **Drug Preventing App**

- Minimum 1GHz processor
- Minimum of 2GB RAM
- Minimum 200MB free disk space

Hardware requirements for **Drug Preventing Administrator App**

- Minimum 24GHz processor
- Minimum of 64GB RAM
- Minimum 1000TB free server space

7.Design

7.1. Use Case Diagrams

Drug Preventing App
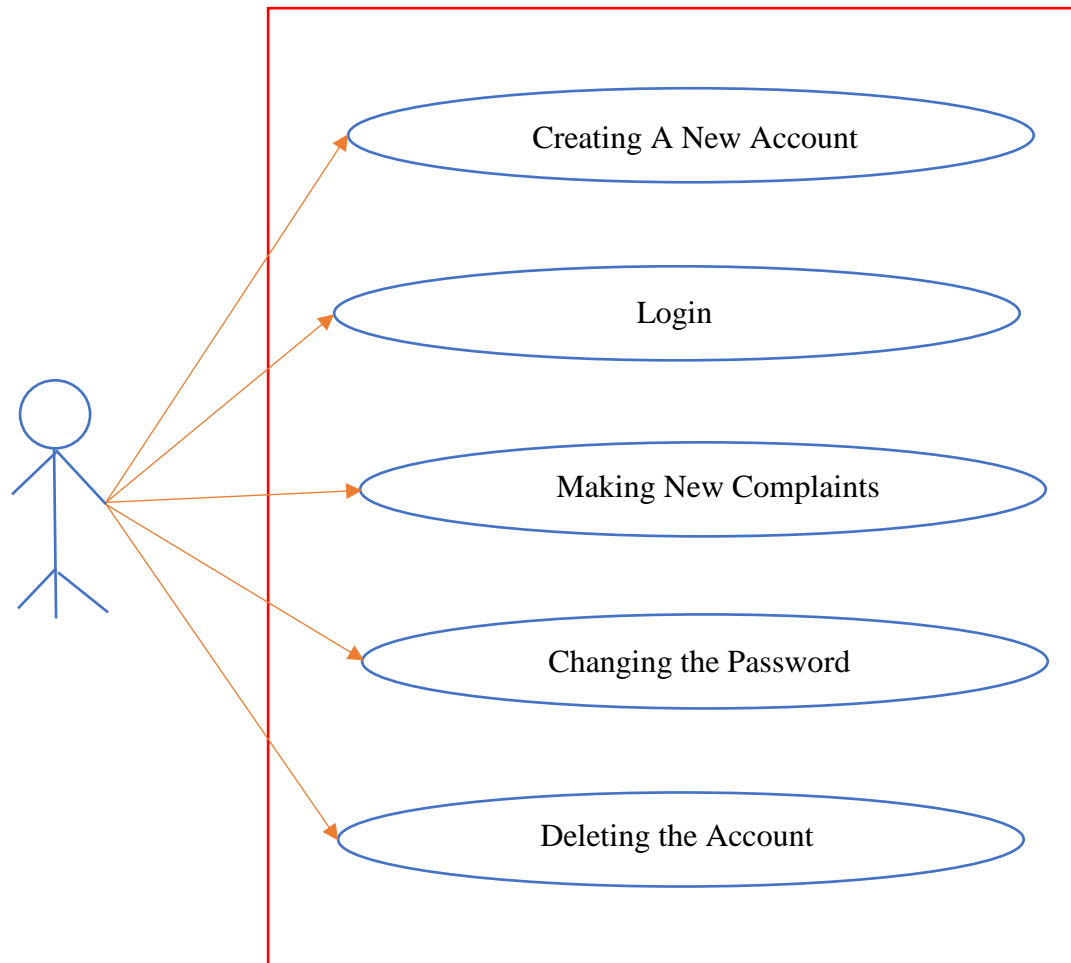
Figure 7.1 : Use Case Diagram of Drug Preventing App

Drug Preventing Administrator App
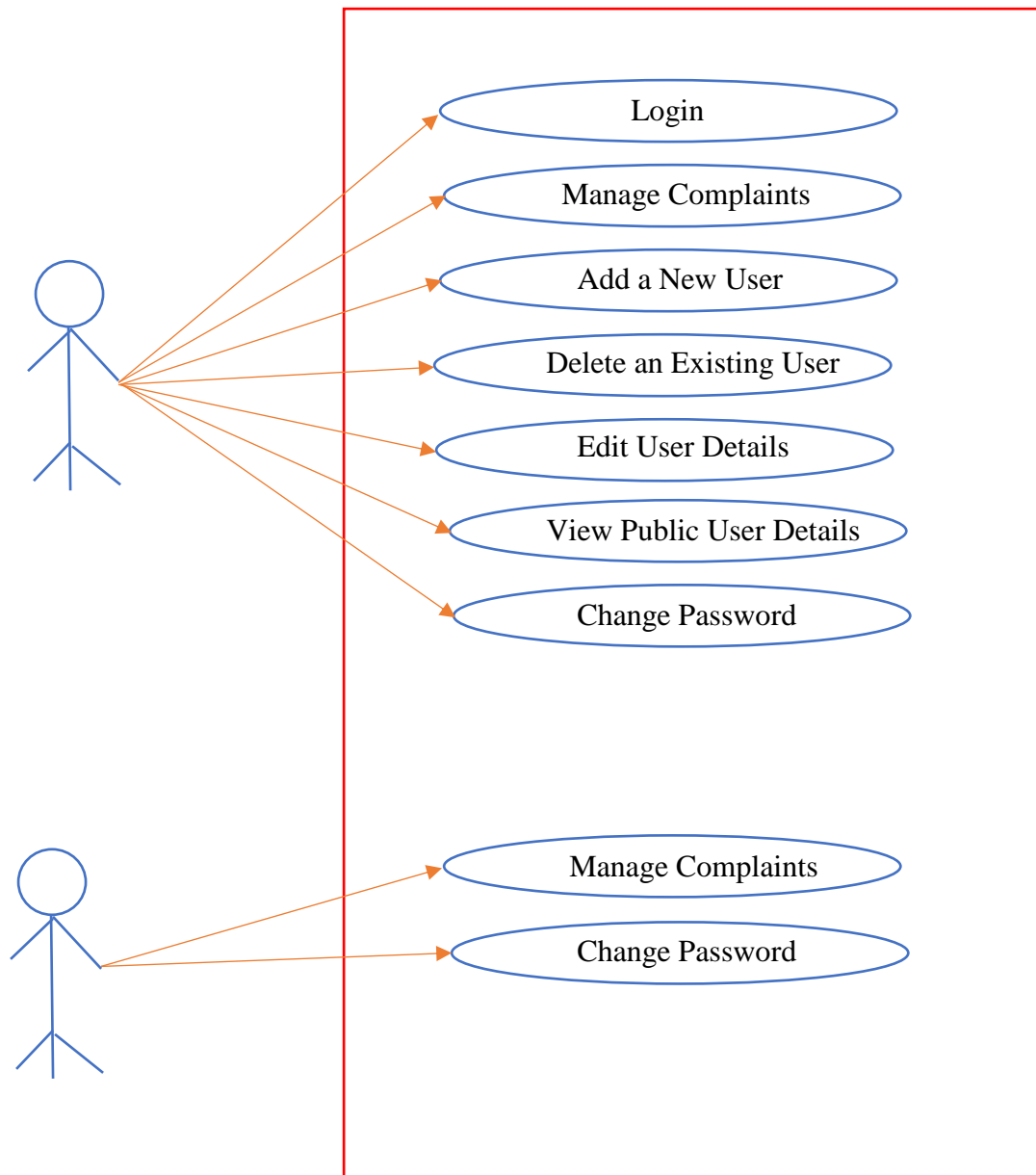
Figure 7.2 : Use Case Diagram of Drug Preventing Administrator App

7.2. ER Diagram

7.3. Flow Charts

Flow Charts of Drug Preventing App
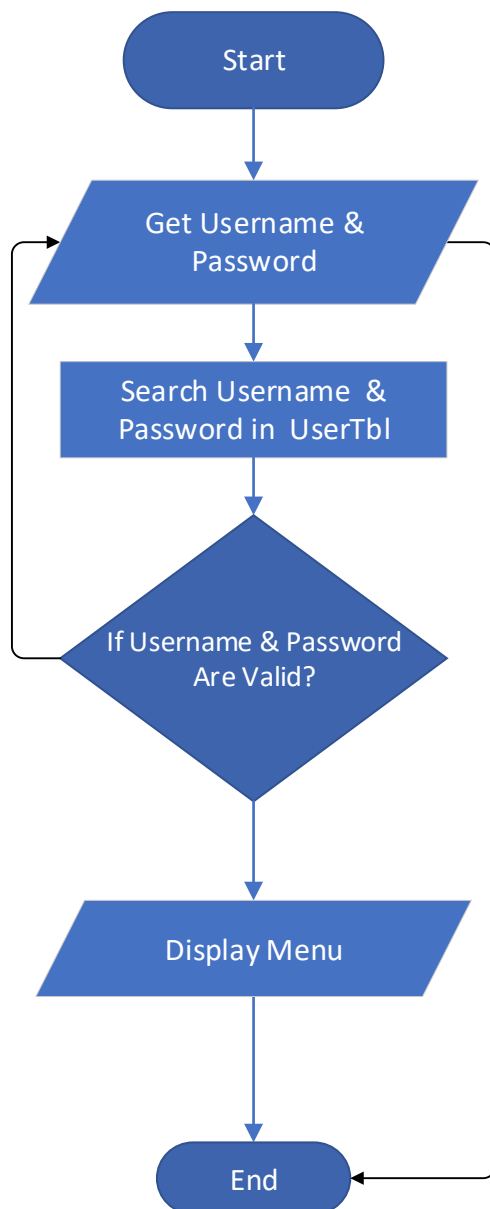
1.Login Form

2.Singnup Form

3.Complaints Form

```
                    ┌─────────────┐
                    │    Start    │
                    └──────┬──────┘
                           │
                           ▼
                  ╱─────────────────╲
                 ╱   Get Input Data   ╲
                ╱─────────────────────╱
                           │
                           ▼
                    ╱──────────╲
                   ╱ If All Data ╲
                  ╱  Are Correct? ╲
                   ╲             ╱
                    ╲──────────╱
                           │
                           ▼
              ┌──────────────────────────┐
              │ Create A Complain In The │
              │        Database          │
              └────────────┬─────────────┘
                           │
                           ▼
                    ┌─────────────┐
                    │     End     │
                    └─────────────┘
```
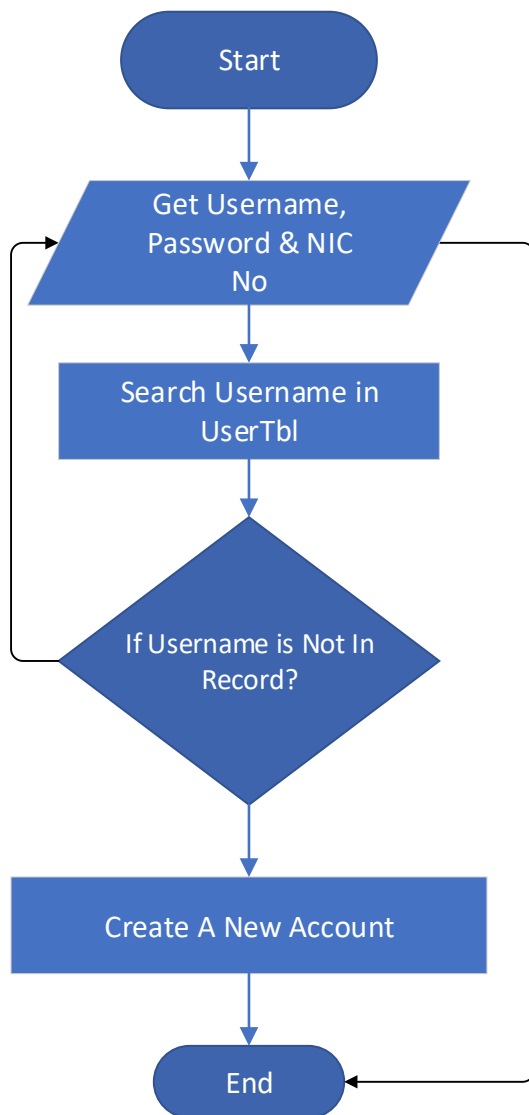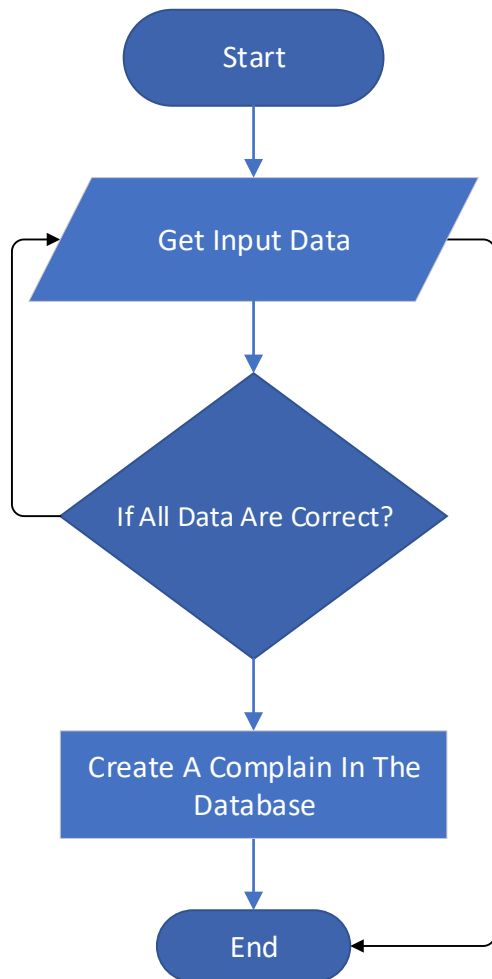
4.Profile Settings Form

Function Change Password:
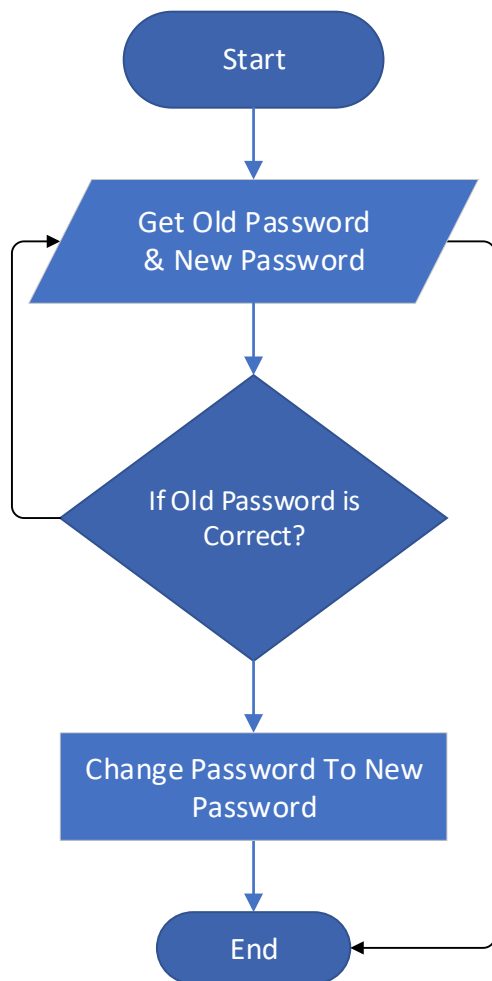
Function Delete Account:

Flow Charts of Drug Preventing Administrator App
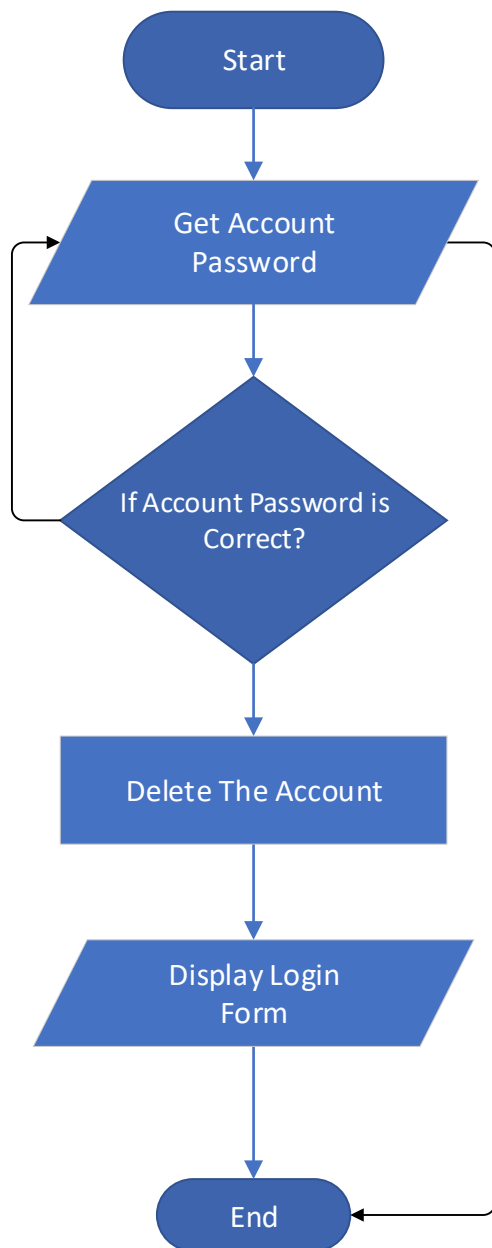
1.Login Form
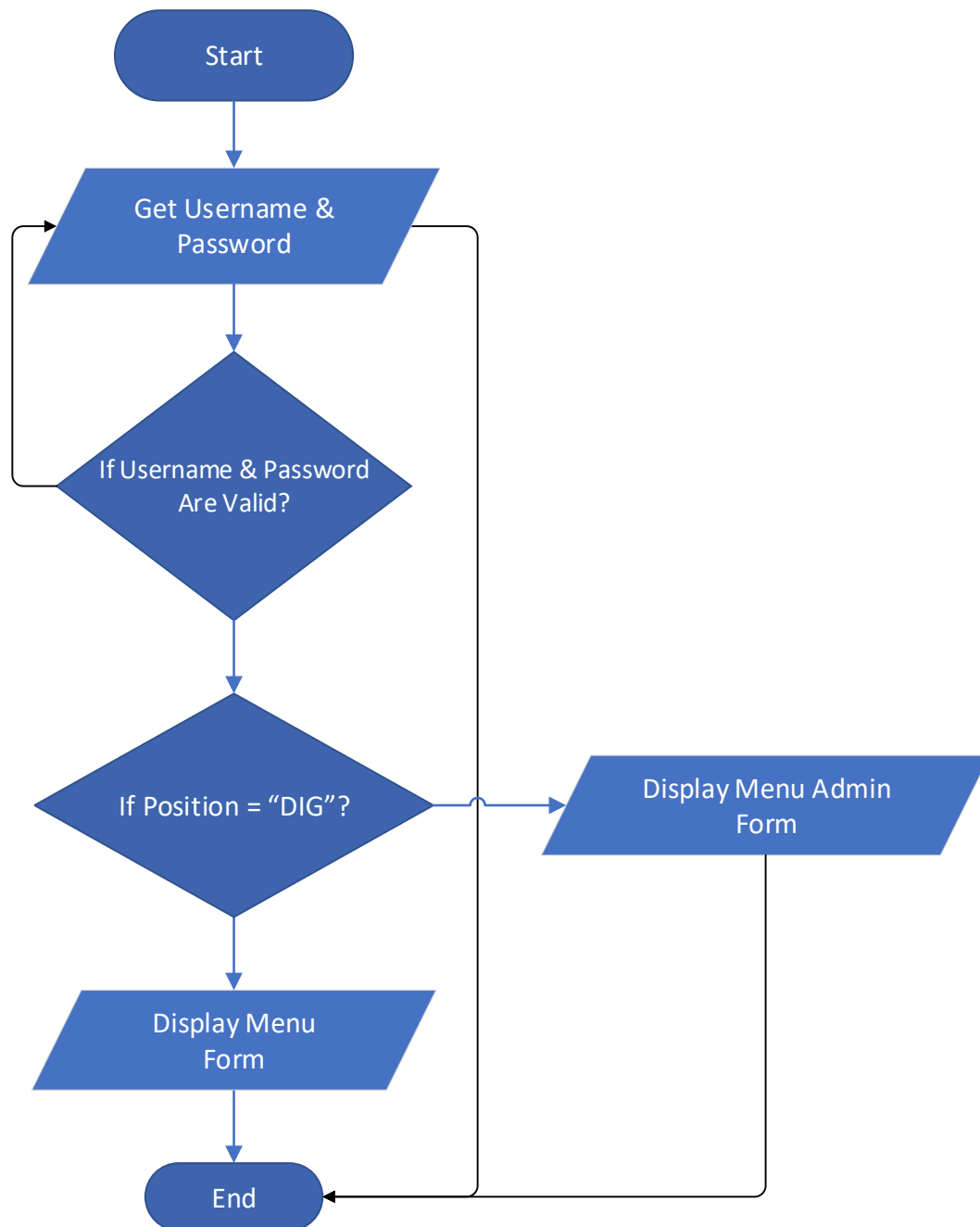
2.Manage User

Function Search:
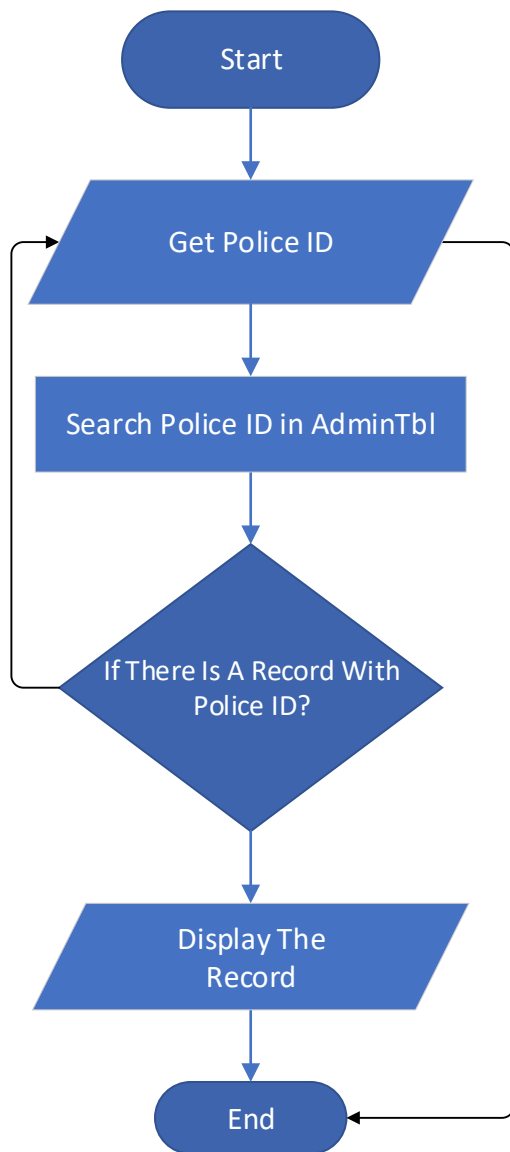
Function Create New User:

```
                    ╭─────────────╮
                    │    Start    │
                    ╰─────────────╯
                           │
                           ▼
              ╱───────────────────────╲
              │      Get Police ID     │
              ╲───────────────────────╱
                           │
                           ▼
              ┌───────────────────────┐
              │ Search Police ID in    │
              │       AdminTbl         │
              └───────────────────────┘
                           │
                           ▼
                    ◇◇◇◇◇◇◇◇◇◇◇
              If There Is No Record
                With Police ID?
                    ◇◇◇◇◇◇◇◇◇◇◇
                           │
                           ▼
              ╱───────────────────────╲
              │ Get First name,         │
              │ Second name,            │
              │ Username, Position,     │
              │ Password, AddedBy,      │
              │ Date                    │
              ╲───────────────────────╱
                           │
                           ▼
              ┌───────────────────────┐
              │   Create New Account   │
              └───────────────────────┘
                           │
                           ▼
                    ╭─────────────╮
                    │     End     │
                    ╰─────────────╯
```
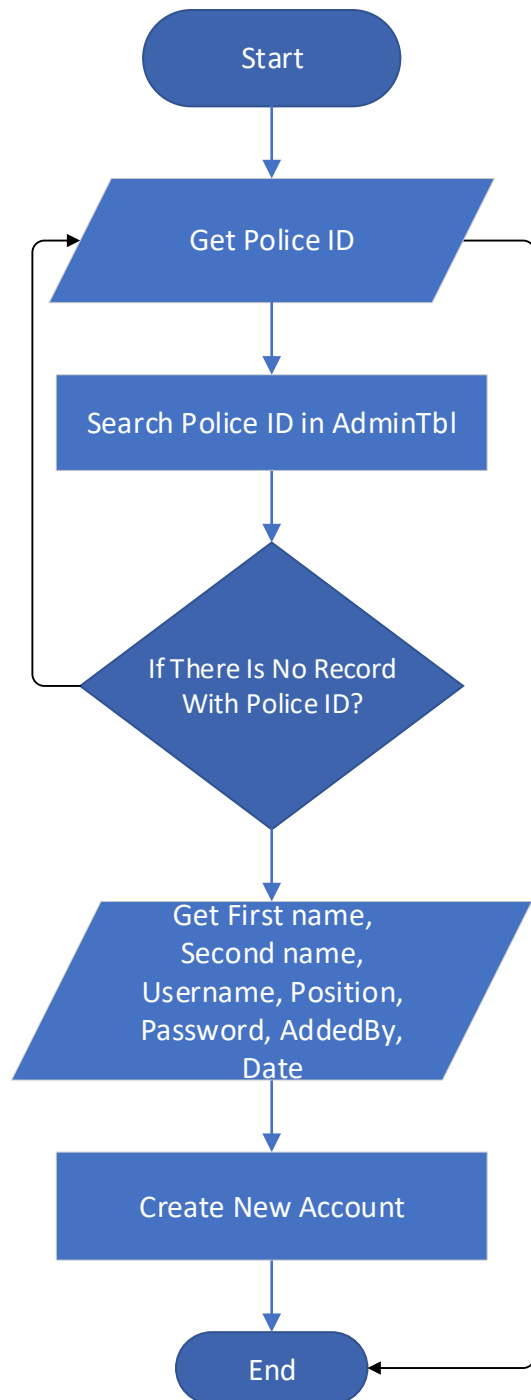
Function Update Existing User:

```
                    ┌──────────┐
                    │  Start   │
                    └──────────┘
                         │
                    ╱──────────╲
              ┌───▶│ Get Police ID │───┐
              │     ╲──────────╱      │
              │          │           │
              │  ┌──────────────────┐ │
              │  │ Search Police ID │ │
              │  │    in AdminTbl   │ │
              │  └──────────────────┘ │
              │          │           │
              │       ◇──────◇       │
              └──────│ If There Is  │   │
                     │ Record With  │   │
                     │  Police ID?  │   │
                      ◇──────◇       │
                          │          │
                    ╱──────────╲     │
                   │ Get Position & │  │
                   │    AddedBy     │  │
                    ╲──────────╱     │
                          │          │
                  ┌──────────────┐   │
                  │ Update Record│   │
                  └──────────────┘   │
                          │          │
                    ┌──────────┐     │
                    │   End    │◀────┘
                    └──────────┘
```
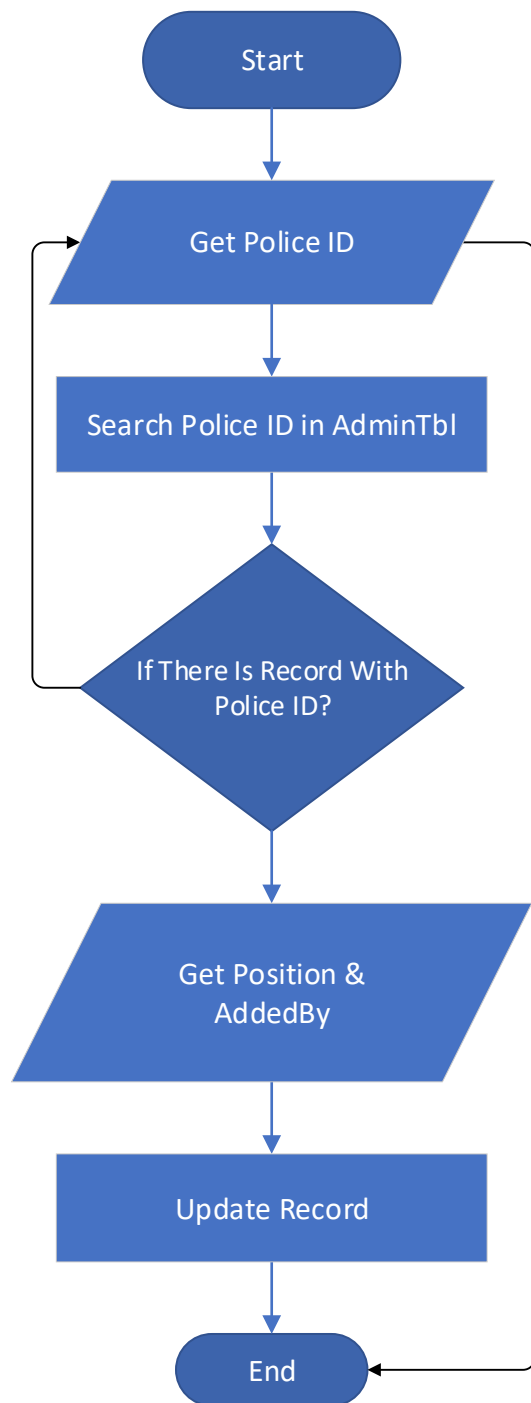
Function Delete Existing User:
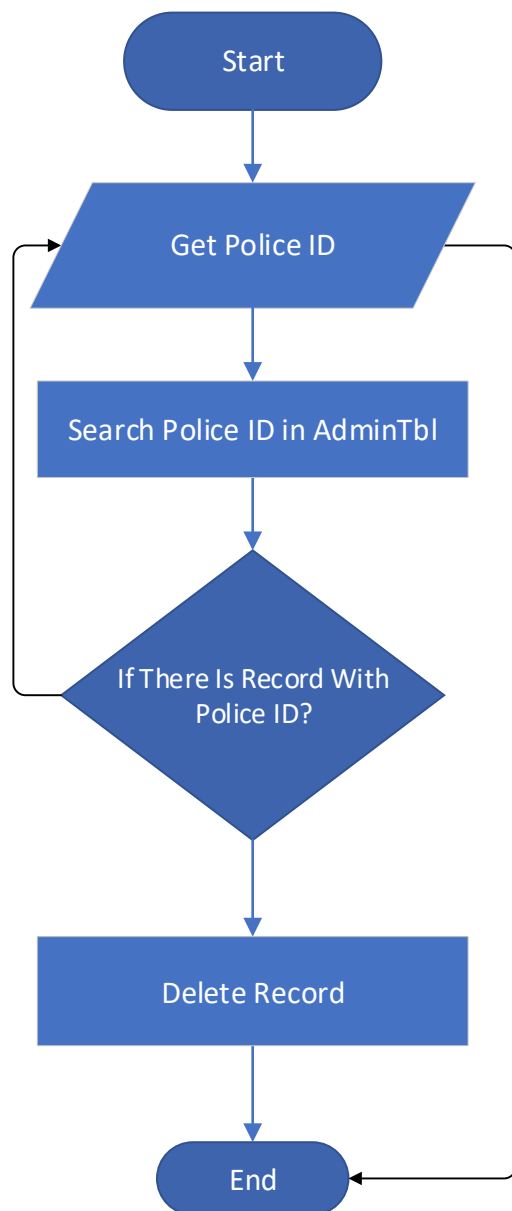
3.Manage Complaints

Filtering Function:

```
                    ┌──────────────┐
                    │    Start     │
                    └──────┬───────┘
                           │
                           ▼
              ╱────────────────────────╲
             ╱   Get Province,          ╲
             ╲   Complain ID, User       ╱
              ╲           ID            ╱
               └───────────┬───────────┘
                           │
                           ▼
            ┌──────────────────────────────┐
            │ Search A Record With Province,│
            │    Complain ID, User ID       │
            └──────────────┬───────────────┘
                           │
                           ▼
                    ◇───────────────◇
                   ╱                 ╲
                  ◇  If There Is Record? ◇
                   ╲                 ╱
                    ◇───────────────◇
                           │
                           ▼
              ╱────────────────────────╲
             ╱     Display The          ╲
             ╲       Records             ╱
              └───────────┬───────────┘
                           │
                           ▼
                    ┌──────────────┐
                    │     End      │
                    └──────────────┘
```
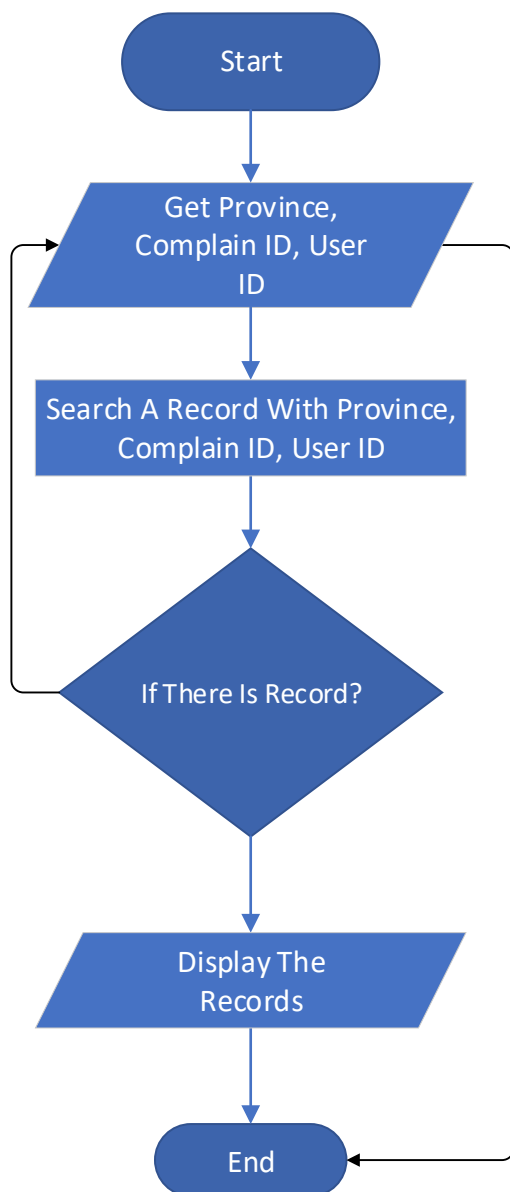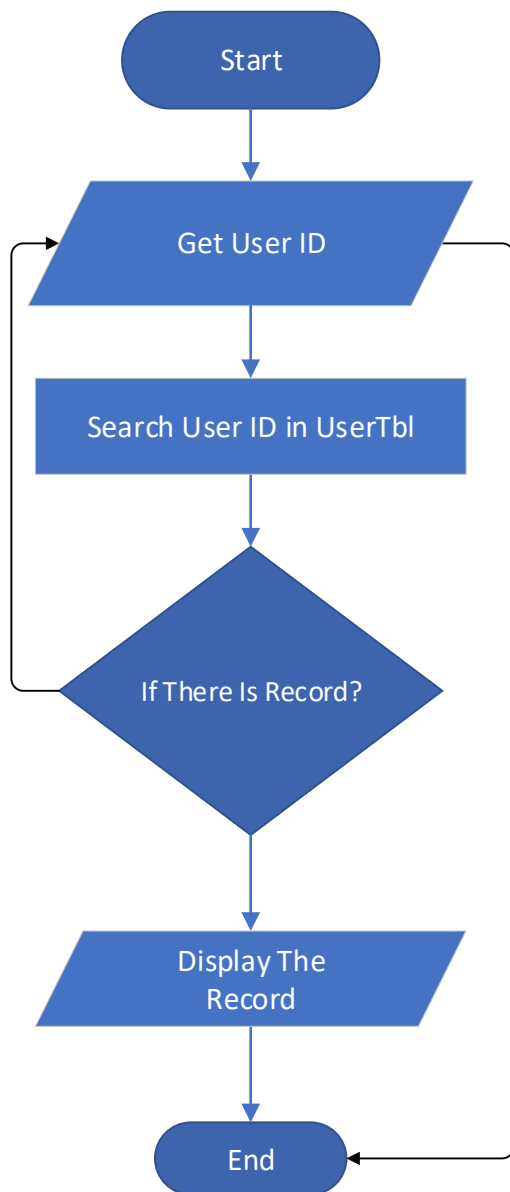
4.Change Password
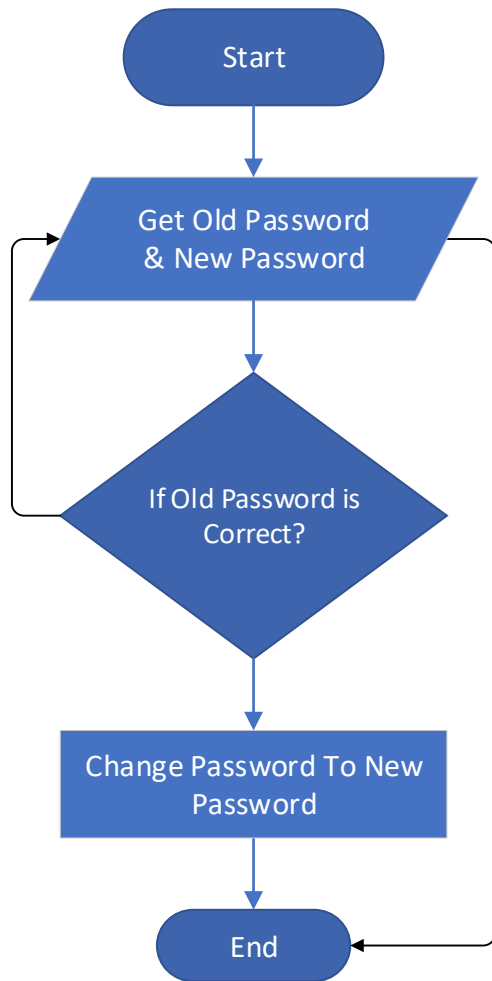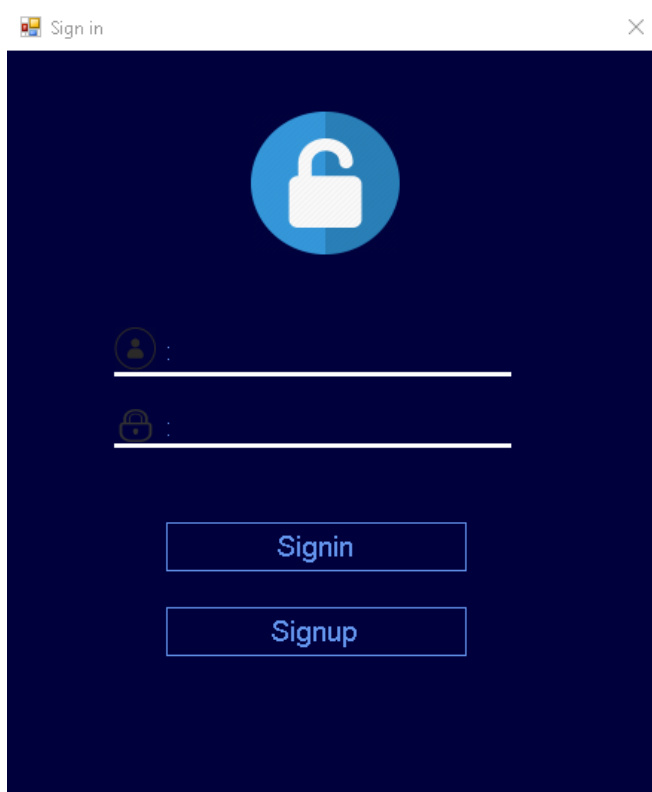
4.Manage Public Profile

Search Function:

8.Implimentation

Drug Preventing App

1.Login Form

Source Code:

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

namespace Starting_Interface
{
    public partial class Login_Form : Form
    {
        public Login_Form()
        {
            InitializeComponent();
        }
```

```csharp
        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand cmd;
        SqlDataReader dr;

        private void btnSignin_Click(object sender, EventArgs e)
        {
            if (tbUserName.Text == "")
            {
                MessageBox.Show("Please Enter An Username", "Warning",
MessageBoxButtons.OK, MessageBoxIcon.Warning);
            }
            else if (tbPassword.Text == "")
            {
                MessageBox.Show("Please Enter An Password", "Warning",
MessageBoxButtons.OK, MessageBoxIcon.Warning);
            }
            else
            {
                con.Open();

                string Sql = "SELECT * FROM UserTbl WHERE UserName = '" +
tbUserName.Text + "'";
                cmd = new SqlCommand(Sql, con);
                dr = cmd.ExecuteReader();

                if (dr.Read())
                {
                    string username = dr["UserName"].ToString();
                    string password = dr["Password"].ToString();
                    string userid = dr["UserID"].ToString();

                    if (tbPassword.Text == password)
                    {

                        this.Hide();
                        Menu menu = new Menu(userid);
                        menu.Show();
                    }
                    else
                    {
                        MessageBox.Show("Incorrect Password!", "Warning",
MessageBoxButtons.OK, MessageBoxIcon.Error);
                        tbPassword.Text = "";
                    }

                }
                else
                {
                    MessageBox.Show("Incorrect Username!", "Warning",
MessageBoxButtons.OK, MessageBoxIcon.Error);
                    tbUserName.Text = "";
                    tbPassword.Text = "";
                }

                con.Close();
            }
        }

        private void btnSignup_Click(object sender, EventArgs e)
        {
            this.Hide();
```
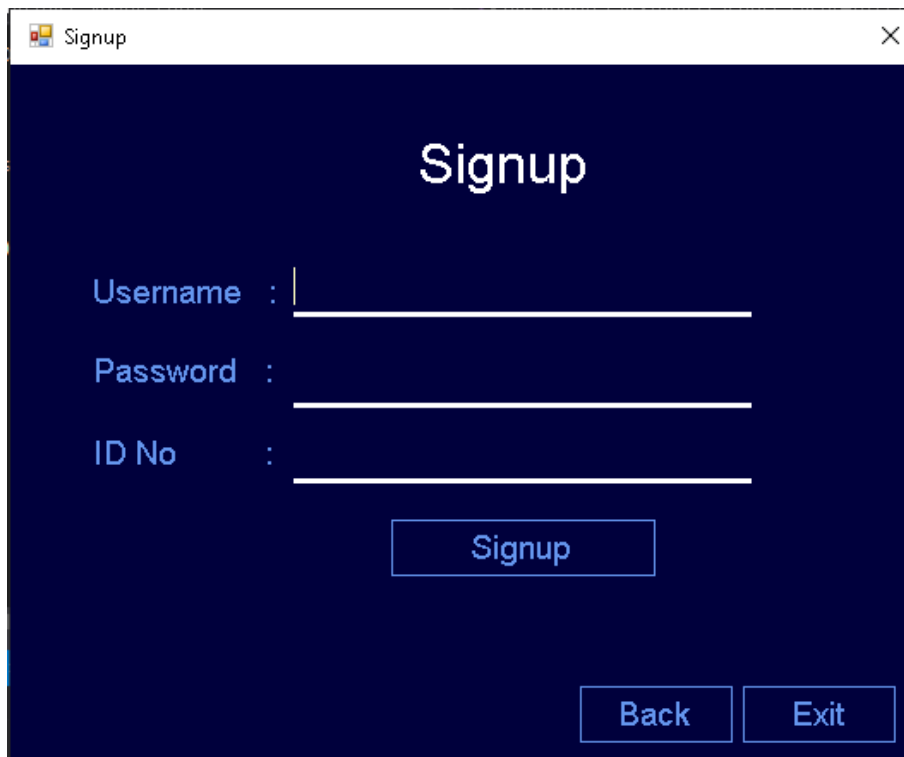
```csharp
            Signup_Form signup = new Signup_Form();
            signup.Show();
        }

        private void Login_Form_Load(object sender, EventArgs e)
        {

        }
    }
}
```

2.Signup Form

Source Code:

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

namespace Starting_Interface
{
    public partial class Signup_Form : Form
    {
        public Signup_Form()
        {
            InitializeComponent();
        }

        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;

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

```csharp
        private void btnBack_Click(object sender, EventArgs e)
        {
            this.Hide();
            Login_Form login = new Login_Form();
            login.Show();
        }

        private void btnSignup_Click(object sender, EventArgs e)
        {
            if (tbUsername.Text == "")
            {
                MessageBox.Show("Enter An Username", "Warning", MessageBoxButtons.OK,
MessageBoxIcon.Error);
            }
            else if (tbPassword.Text == "")
            {
                MessageBox.Show("Enter A Password", "Warning", MessageBoxButtons.OK,
MessageBoxIcon.Error);
            }
            else if (tbIdno.Text == "")
            {
                MessageBox.Show("Enter Your ID No", "Warning", MessageBoxButtons.OK,
MessageBoxIcon.Error);
            }
            else
            {
                String Sql = "SELECT * FROM UserTbl WHERE UserName = '" +
tbUsername.Text + "'";
                con.Open();

                com = new SqlCommand(Sql, con);
                dr = com.ExecuteReader();

                if (dr.Read())
                {
                    MessageBox.Show("Username Already Exist!", "Warning",
MessageBoxButtons.OK, MessageBoxIcon.Error);
                    tbUsername.Text = "";
                }
                else
                {
                    con.Close();

                    con.Open();

                    String sql = "SELECT * FROM UserTbl WHERE IDNo = '" + tbIdno.Text
+ "'";

                    com = new SqlCommand(sql, con);
                    dr = com.ExecuteReader();

                    if (dr.Read())
                    {
                        if(dr["UserName"].ToString() == "" &&
dr["Password"].ToString() == "")
                        {
                            con.Close();

                            string sql1 = "UPDATE UserTbl SET UserName =
'"+tbUsername.Text+"', Password = '"+tbPassword.Text+"' WHERE IDNo = '" + tbIdno.Text
+ "'";
                            con.Open();
```

```
                    com = new SqlCommand(sql1, con);
                    com.ExecuteNonQuery();
                    this.Hide();
                    Login_Form login = new Login_Form();
                    login.Show();
                    MessageBox.Show("Account Created Successfully", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);
                    con.Close();
                }
                else
                {
                    MessageBox.Show("ID Number Already Exist!", "Warning",
MessageBoxButtons.OK, MessageBoxIcon.Error);
                }

            }
            else
            {
                con.Close();
                con.Open();

                String sql1 = "INSERT INTO UserTbl (IDNo,UserName,Password)
VALUES ('" + tbIdno.Text + "','" + tbUsername.Text + "','" + tbPassword.Text + "')";
                com = new SqlCommand(sql1, con);
                com.ExecuteNonQuery();


                con.Close();

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

                MessageBox.Show("Account Created Successfully", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);

            }

            con.Close();
        }

        con.Close();
    }
  }
}
```
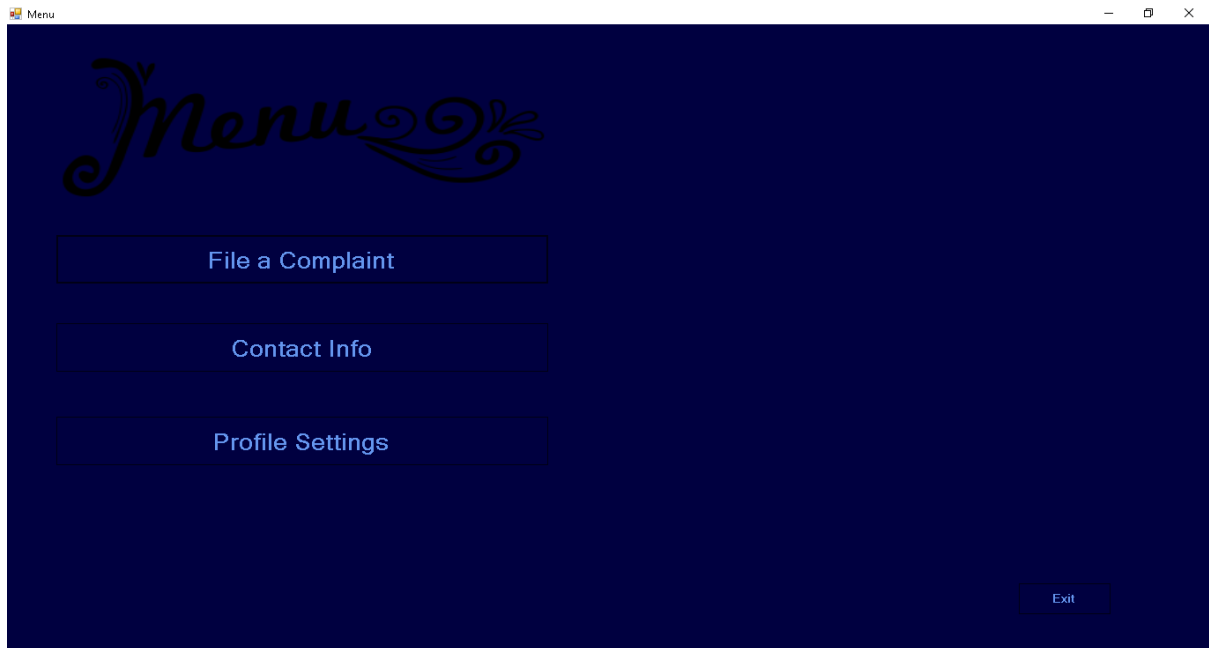
3.Menu Form

Source Code:

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

namespace Starting_Interface
{
    public partial class Menu : Form
    {

        String username;

        public Menu(String username2)
        {
            InitializeComponent();
            username = username2;

        }

        private void Menu_Load(object sender, EventArgs e)
        {

        }

        private void button1_Click(object sender, EventArgs e)
        {
            this.Hide();
```

```csharp
            complain1 complain1 = new complain1(username);

            complain1.Show();
        }

        private void btnBack_Click(object sender, EventArgs e)
        {
            DialogResult result = MessageBox.Show("Are You Sure To Exit", "Exit",
MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (result == DialogResult.Yes)
            {
                this.Close();
            }

            else
            {

            }

        }

        private void btnContact_Click(object sender, EventArgs e)
        {
            this.Hide();

            Contact_Info contact_Info = new Contact_Info();

            contact_Info.Show();

        }

        private void btnHelp_Click(object sender, EventArgs e)
        {
            this.Hide();

            ProfileSettings help = new ProfileSettings(int.Parse(username));

            help.Show();
        }

    }
}
```
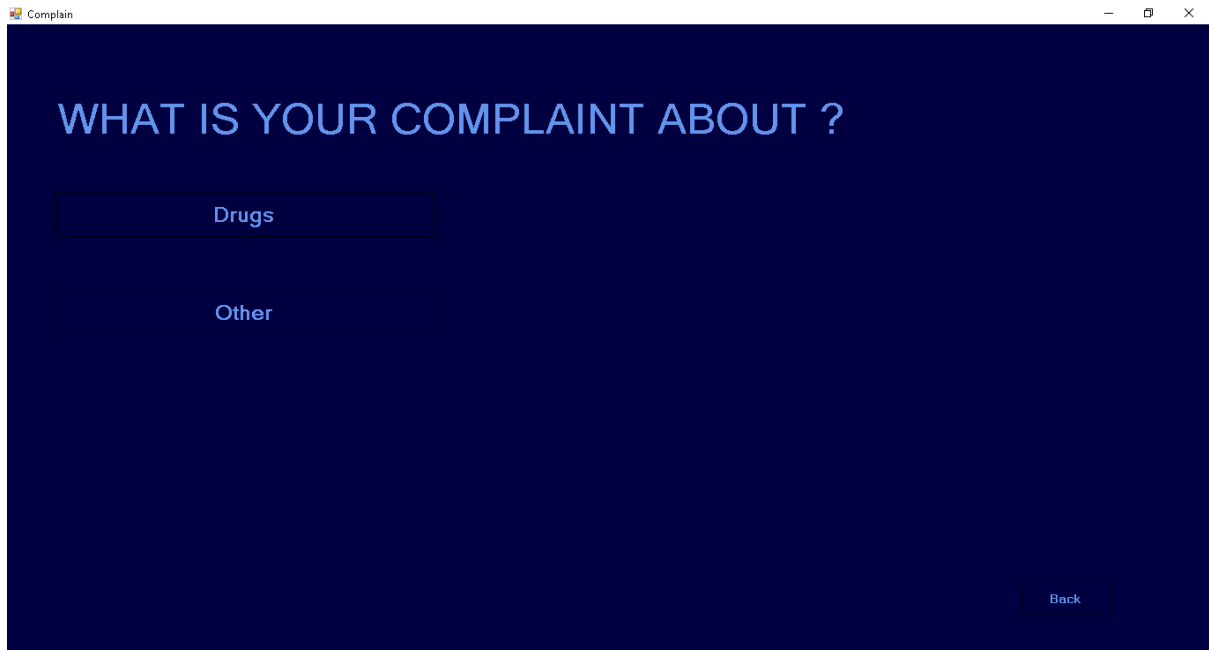
4.Complain1 Form

Source Code:

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

namespace Starting_Interface
{
    public partial class complain1 : Form
    {
        String username;

        public complain1(String username2)
        {
            InitializeComponent();
            username = username2;
        }

        private void btnDrug_Click(object sender, EventArgs e)
        {
            this.Hide();

            Complain2Drug complain2 = new Complain2Drug(username);

            complain2.Show();

        }

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

```csharp
        {
            this.Hide();

            Menu menu = new Menu(username);

            menu.Show();
        }

        private void btnOther_Click(object sender, EventArgs e)
        {
            this.Hide();

            complain_Form_Other complain_Form_Other = new
complain_Form_Other(username);

            complain_Form_Other.Show();
        }
    }
```

5.Complain2 Form


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

namespace Starting_Interface
{
    public partial class Complain2Drug : Form
    {

        String username;

        public Complain2Drug(String username2)
        {
            InitializeComponent();
            username = username2;
        }

        private void btnPerson_Click(object sender, EventArgs e)
        {
            this.Hide();

            complain_Form_Victim ComplainPerson1 = new complain_Form_Victim(username);

            ComplainPerson1.Show();

        }

        private void btnBack_Click(object sender, EventArgs e)
        {
            this.Hide();
```

```csharp
            complain1 complain1 = new complain1(username);
            complain1.Show();
        }

        private void btnPlace_Click(object sender, EventArgs e)
        {
            this.Hide();
            complain_Form_Place complainplace = new complain_Form_Place(username);
            complainplace.Show();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            this.Hide();
            complain_Form_Drug_Dealer drugDealer = new
complain_Form_Drug_Dealer(username);
            drugDealer.Show();
        }

        private void Complain2Drug_Load(object sender, EventArgs e)
        {

        }
    }
}
```
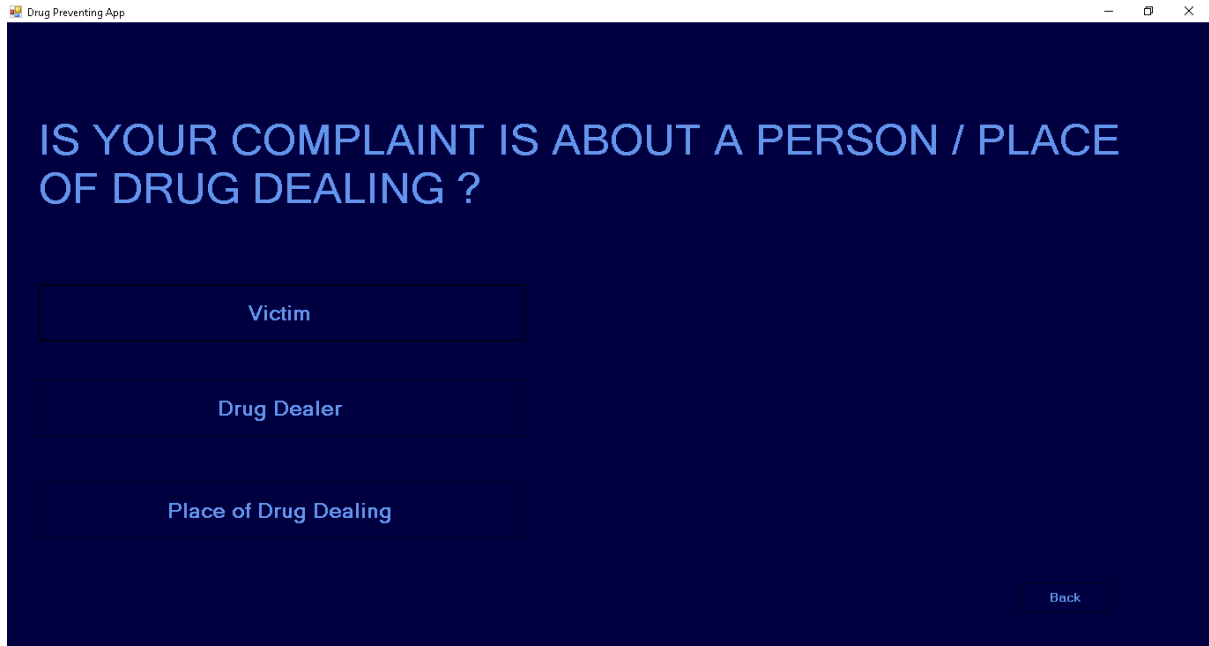
6.Complain Form Victim

Source Code:

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


namespace Starting_Interface
{
    public partial class complain_Form_Victim : Form
    {
        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;
        Image image;
        String username;
        string imageloc;

        public complain_Form_Victim(String username2)
        {
            InitializeComponent();
            username = username2;
```

```csharp
        }

        private void btnAdd_Click(object sender, EventArgs e)
        {
            OpenFileDialog openFileDialog1 = new OpenFileDialog();
            openFileDialog1.Filter = "(*.jpg;*.jpeg;*.bmp;*.png)|*.jpg; *.jpeg; *.bmp;
*.png";

            if (openFileDialog1.ShowDialog() == DialogResult.OK)
            {
                MessageBox.Show("Image Has Been Added Successfully", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);

                imageloc = openFileDialog1.FileName.ToString();

                image = Image.FromFile(openFileDialog1.FileName);
                pictureBox1.Image = image;
            }
        }

        private void btnNext_Click(object sender, EventArgs e)
        {
            DialogResult result = MessageBox.Show("Are You Sure To Continue? /n You
Can't Make Any Changes After Continuing.", "Confirmation", MessageBoxButtons.YesNo,
MessageBoxIcon.Question);

            String fname = tbFName.Text, lname = tbSName.Text, fullname =
tbFullName.Text, province = cbProvince.Text, district = cbDistrict.Text,
                   city = tbCity.Text, village = tbVillage.Text, address =
tbAddress.Text;
            int tpno;
            String date = DateTime.Now.ToShortDateString();

            if (result == DialogResult.Yes && fname != "" && province != "" &&
district != "" && city != "")
            {
                byte[] img = null;
                FileStream fs = new FileStream(imageloc, FileMode.Open,
FileAccess.Read);
                BinaryReader br = new BinaryReader(fs);
                img = br.ReadBytes((int)fs.Length);

                tpno = int.Parse(tbTNumber.Text);
                int userid = int.Parse(username);

                con.Open();


string sql = @"INSERT INTO ComplainVictimTbl (UserID, FirstName, SecondName, FullName,
TPNo, Province, District, City, Village, Address, Image, Date)
                        VALUES ('"+userid+"','" + fname+ "','"+lname+
"','"+fullname+"','"+tpno+"','"+province+"','"+district+"','"+city+"','"+village+"','"
+address+ "',@img,'" + date+"')";

                com = new SqlCommand(sql, con);
                com.Parameters.Add(new SqlParameter("@img", img));
                com.ExecuteNonQuery();

                con.Close();

                this.Hide();
                ThankYou_Final thank = new ThankYou_Final(username);
```

```csharp
                    thank.Show();

            }

            else if (result == DialogResult.No )
            {

            }

            else
            {
                MessageBox.Show("You Have To Fill The Informations With A Red Star",
"Warning", MessageBoxButtons.OK, MessageBoxIcon.Error);
            }


        }

        private void btnBack_Click(object sender, EventArgs e)
        {
            this.Hide();

            Menu menu = new Menu(username);

            menu.Show();
        }

        private void cbProvince_SelectedIndexChanged(object sender, EventArgs e)
        {
            switch (cbProvince.Text)
            {
                case "":
                    cbDistrict.Enabled = false;
                    this.cbDistrict.Items.AddRange(new object[] { "One",
                    ""});
                    break;
                case "Nothern":
                    this.cbDistrict.Items.AddRange(new object[] { "Jaffna",
                    "Kilinochchi",
                    "Mannar",
                    "Mullaitivu",
                    "Vavuniya"});
                    break;
                case "North Western":
                    this.cbDistrict.Items.AddRange(new object[] { "Puttalam",
                    "Kurunegala"});
                    break;
                case "Western":
                    this.cbDistrict.Items.AddRange(new object[] { "Gampaha",
                    "Colombo",
                    "Kalutara"});
                    break;
                case "North Central":
                    this.cbDistrict.Items.AddRange(new object[] { "Anuradhapura",
                    "Polonnaruwa"});
                    break;
                case "Central":
                    this.cbDistrict.Items.AddRange(new object[] { "Kandy",
                    "Matale",
                    "Nuwara Eliya"});
```

```csharp
                    break;
                case "Sabragamuwa":
                    this.cbDistrict.Items.AddRange(new object[] { "Kegalle",
                    "Ratnapura"});
                    break;
                case "Eastern":
                    this.cbDistrict.Items.AddRange(new object[] { "Trincomalee",
                    "Batticaloa",
                    "Ampara"});
                    break;
                case "Uva":
                    this.cbDistrict.Items.AddRange(new object[] { "Badulla",
                    "Monaragala"});
                    break;
                case "Southern":
                    this.cbDistrict.Items.AddRange(new object[] { "Hambantota",
                    "Matara",
                    "Galle"});
                    break;


            }
        }
    }
}
```

7.Complain Form Drug Dealer

Source Code:

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

namespace Starting_Interface
{
    public partial class complain_Form_Drug_Dealer : Form
    {
        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;
        Image image;
        string imageloc;
        String username;

        public complain_Form_Drug_Dealer(String username2)
        {
            InitializeComponent();
            username = username2;
```

```csharp
        }

        private void btnAdd_Click(object sender, EventArgs e)
        {
            OpenFileDialog openFileDialog1 = new OpenFileDialog();
            openFileDialog1.Filter = "(*.jpg;*.jpeg;*.bmp;*.png)|*.jpg; *.jpeg; *.bmp;
*.png";

            if (openFileDialog1.ShowDialog() == DialogResult.OK)
            {
                MessageBox.Show("Image Has Been Added Successfully", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);

                imageloc = openFileDialog1.FileName.ToString();

                image = Image.FromFile(openFileDialog1.FileName);
                pictureBox1.Image = image;
            }
        }

        private void btnFinish_Click(object sender, EventArgs e)
        {
            DialogResult result = MessageBox.Show("Are You Sure To Continue? /n You
Can't Make Any Changes After Continuing.", "Confirmation", MessageBoxButtons.YesNo,
MessageBoxIcon.Question);

            String fname = tbFName.Text, lname = tbSName.Text, fullname =
tbFullName.Text, province = cbProvince.Text, district = cbDistrict.Text,
                city = tbCity.Text, village = tbVillage.Text, address =
tbAddress.Text;
            int tpno;
            String date = DateTime.Now.ToShortDateString();

            if (result == DialogResult.Yes && fname != "" && province != "" &&
district != "" && city != "")
            {
                byte[] img = null;
                FileStream fs = new FileStream(imageloc, FileMode.Open,
FileAccess.Read);
                BinaryReader br = new BinaryReader(fs);
                img = br.ReadBytes((int)fs.Length);
                int uid = int.Parse(username);


                string sql = @"INSERT INTO ComplainDrugDelearTbl (UserID,FirstName,
SecondName, FullName, TPNo, Province, District, City, Village, Address, Image, Date)
                    VALUES ('"+uid+"','" + fname + "','" + lname + "','" +
fullname + "','" + tbTNumber.Text + "','" + province + "','" + district + "','" + city
+ "','" + village + "','" + address + "',@img,'" + date + "')";

                con.Open();
                com = new SqlCommand(sql, con);
                com.Parameters.Add(new SqlParameter("@img", img));
                com.ExecuteNonQuery();

                con.Close();

                this.Hide();
                ThankYou_Final thank = new ThankYou_Final(username);
                thank.Show();
```

```csharp
            }

            else if (result == DialogResult.No)
            {

            }

            else
            {
                MessageBox.Show("You Have To Fill The Informations With A Red Star",
"Warning", MessageBoxButtons.OK, MessageBoxIcon.Error);
            }


        }

        private void complain_Form_Drug_Dealer_Load(object sender, EventArgs e)
        {

        }

        private void cbProvince_SelectedIndexChanged(object sender, EventArgs e)
        {
            switch (cbProvince.Text)
            {
                case "":
                    cbDistrict.Enabled = false;
                    this.cbDistrict.Items.AddRange(new object[] { "One",
                    ""});
                    break;
                case "Nothern":
                    this.cbDistrict.Items.AddRange(new object[] { "Jaffna",
                    "Kilinochchi",
                    "Mannar",
                    "Mullaitivu",
                    "Vavuniya"});
                    break;
                case "North Western":
                    this.cbDistrict.Items.AddRange(new object[] { "Puttalam",
                    "Kurunegala"});
                    break;
                case "Western":
                    this.cbDistrict.Items.AddRange(new object[] { "Gampaha",
                    "Colombo",
                    "Kalutara"});
                    break;
                case "North Central":
                    this.cbDistrict.Items.AddRange(new object[] { "Anuradhapura",
                    "Polonnaruwa"});
                    break;
                case "Central":
                    this.cbDistrict.Items.AddRange(new object[] { "Kandy",
                    "Matale",
                    "Nuwara Eliya"});
                    break;
                case "Sabragamuwa":
                    this.cbDistrict.Items.AddRange(new object[] { "Kegalle",
                    "Ratnapura"});
                    break;
                case "Eastern":
                    this.cbDistrict.Items.AddRange(new object[] { "Trincomalee",
                    "Batticaloa",
```

```csharp
                            "Ampara"});
                        break;
                    case "Uva":
                        this.cbDistrict.Items.AddRange(new object[] { "Badulla",
                        "Monaragala"});
                        break;
                    case "Southern":
                        this.cbDistrict.Items.AddRange(new object[] { "Hambantota",
                        "Matara",
                        "Galle"});
                        break;
                }
            }

            private void btnMenu_Click(object sender, EventArgs e)
            {
                this.Hide();
                Menu menu = new Menu(username);
                menu.Show();
            }
        }
    }
```

8.Complain Form Place

Source Code:

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

namespace Starting_Interface
{
    public partial class complain_Form_Place : Form
    {
        SqlConnection con = new SqlConnection (@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;
        String username;

        public complain_Form_Place(String username2)
        {
            InitializeComponent();
            username = username2;
        }

        private void btnMenu_Click(object sender, EventArgs e)
        {
            this.Hide();
            Menu menu = new Menu(username);
            menu.Show();
        }
```

```csharp
        private void btnNext_Click(object sender, EventArgs e)
        {
            DialogResult result = MessageBox.Show("Are You Sure To Continue? \n You
Can't Make Any Changes After Continuing.", "Confirmation", MessageBoxButtons.YesNo,
MessageBoxIcon.Question);

            String Province = cbProvince.Text, District = cbDistrict.Text, City =
tbCity.Text, Village = tbVillage.Text, Address = tbAddress.Text, Info = rtbInfo.Text;

            if (result == DialogResult.Yes && Province != null && District != null &&
City != null && Info != null)
            {
                String Date = DateTime.Now.ToShortDateString();

                con.Open();

                String sql = "INSERT INTO ComplainPlace
(Province,District,City,Village,Address,MoreInfo,Date) VALUES ('" + Province + "','" +
District + "','" + City + "','" + Village + "','" + Address + "','" + Info + "','" +
Date + "')";
                com = new SqlCommand(sql, con);
                com.ExecuteNonQuery();

                con.Close();

                this.Hide();
                ThankYou_Final thank = new ThankYou_Final(username);
                thank.Show();
            }

            else if (result == DialogResult.Yes && Province == null || District ==
null || City == null || Info == null)
            {
                MessageBox.Show("You Have To Fill The Informations With A Red Star",
"Warning", MessageBoxButtons.OK, MessageBoxIcon.Error);
            }

            else if (result == DialogResult.No)
            {

            }
        }

        private void complain_Form_Place_Load(object sender, EventArgs e)
        {

        }

        private void cbProvince_SelectedIndexChanged(object sender, EventArgs e)
        {
            switch (cbProvince.Text)
            {
                case "":
                    cbDistrict.Enabled = false;
                    this.cbDistrict.Items.AddRange(new object[] { "One",
                    ""});
                    break;
                case "Nothern":
                    this.cbDistrict.Items.AddRange(new object[] { "Jaffna",
                    "Kilinochchi",
```

```csharp
                        "Mannar",
                        "Mullaitivu",
                        "Vavuniya"});
                    break;
                case "North Western":
                    this.cbDistrict.Items.AddRange(new object[] { "Puttalam",
                    "Kurunegala"});
                    break;
                case "Western":
                    this.cbDistrict.Items.AddRange(new object[] { "Gampaha",
                    "Colombo",
                    "Kalutara"});
                    break;
                case "North Central":
                    this.cbDistrict.Items.AddRange(new object[] { "Anuradhapura",
                    "Polonnaruwa"});
                    break;
                case "Central":
                    this.cbDistrict.Items.AddRange(new object[] { "Kandy",
                    "Matale",
                    "Nuwara Eliya"});
                    break;
                case "Sabragamuwa":
                    this.cbDistrict.Items.AddRange(new object[] { "Kegalle",
                    "Ratnapura"});
                    break;
                case "Eastern":
                    this.cbDistrict.Items.AddRange(new object[] { "Trincomalee",
                    "Batticaloa",
                    "Ampara"});
                    break;
                case "Uva":
                    this.cbDistrict.Items.AddRange(new object[] { "Badulla",
                    "Monaragala"});
                    break;
                case "Southern":
                    this.cbDistrict.Items.AddRange(new object[] { "Hambantota",
                    "Matara",
                    "Galle"});
                    break;

            }
        }
    }
}
```

9.Complain Form Other

Source Code:

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

namespace Starting_Interface
{
    public partial class complain_Form_Other : Form
    {
        SqlConnection con = new SqlConnection (@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;
        Image image;
        String username;
        string imageloc;


        public complain_Form_Other(String username2)
        {
            InitializeComponent();
            username = username2;
        }

        private void btnMenu_Click(object sender, EventArgs e)
        {
            this.Hide();
```

```csharp
            Menu menu = new Menu(username);
            menu.Show();
        }

        private void btnAdd_Click(object sender, EventArgs e)
        {
            OpenFileDialog openFileDialog1 = new OpenFileDialog();
            openFileDialog1.Filter = "(*.jpg;*.jpeg;*.bmp;*.png)|*.jpg; *.jpeg; *.bmp;
*.png";

            if (openFileDialog1.ShowDialog() == DialogResult.OK)
            {
                MessageBox.Show("Image Has Been Added Successfully", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);
                imageloc = openFileDialog1.FileName.ToString();

                image = Image.FromFile(openFileDialog1.FileName);
                pictureBox1.Image = image;
            }
        }


        private void btnNext_Click(object sender, EventArgs e)
        {
            DialogResult result = MessageBox.Show("Are You Sure To Continue? \n You
Can't Make Any Changes After Continuing.", "Confirmation", MessageBoxButtons.YesNo,
MessageBoxIcon.Question);

            if (result == DialogResult.Yes && tbHeading.Text != null)
            {
                byte[] img = null;
                FileStream fs = new FileStream(imageloc, FileMode.Open,
FileAccess.Read);
                BinaryReader br = new BinaryReader(fs);
                img = br.ReadBytes((int)fs.Length);

                String Title = tbHeading.Text;
                String Info = tbInfo.Text;
                String Date = DateTime.Now.ToShortDateString();
                int userid = int.Parse(username);


                con.Open();

                String sql = "INSERT INTO ComplainOtherTbl (UserID,Title, Info, Image,
Date) VALUES ('"+userid+"','" + Title + "','" + Info + "',@img,'"+ Date + "')";
                com = new SqlCommand(sql, con);
                com.Parameters.Add(new SqlParameter("@img", img));
                com.ExecuteNonQuery();

                con.Close();

                this.Hide();
                ThankYou_Final thank = new ThankYou_Final(username);
                thank.Show();
            }
            else if (result == DialogResult.No)
            {

            }
            else
            {
```

```csharp
                MessageBox.Show("You Have To Fill The Informations With A Red Star",
"Warning", MessageBoxButtons.OK, MessageBoxIcon.Error);
            }

        }

        private void complain_Form_Other_Load(object sender, EventArgs e)
        {

        }
    }
}
```

10.Contact Info
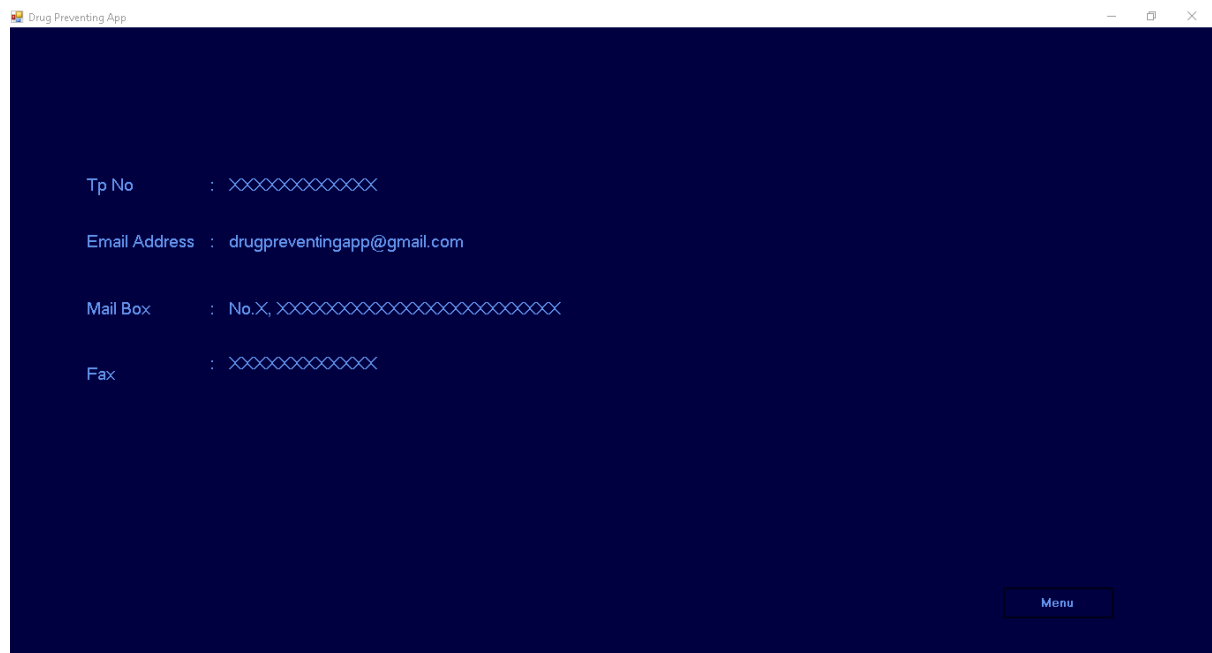
Source Code:

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

namespace Starting_Interface
{
    public partial class Contact_Info : Form
    {
        string username;
        public Contact_Info(string username2)
        {
            InitializeComponent();
            username = username2;
        }

        private void btnMenu_Click(object sender, EventArgs e)
        {
            this.Hide();
            Menu menu = new Menu(username);
            menu.Show();
        }
    }
}
```

11.Profile Settings

Source Code:

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

namespace Starting_Interface
{
    public partial class ProfileSettings : Form
    {
        int userid;

        public ProfileSettings(int userid2)
        {
            userid = userid2;
            InitializeComponent();
        }

        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;
        DataSet ds;

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Enter Your Old Password");
```

```csharp
            }
            else if (textBox2.Text == "")
            {
                MessageBox.Show("Enter A New Password To Change");
            }
            else
            {
                con.Open();
                string sql = "SELECT * FROM Usertbl WHERE UserID = '" + userid + "'";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                if (dr.Read())
                {
                    string oldp = dr["Password"].ToString();

                    if (textBox1.Text == oldp)
                    {
                        con.Close();

                        DialogResult dialogResult = MessageBox.Show("Are You Sure To
Chnage Your Password", "Alert", MessageBoxButtons.YesNo, MessageBoxIcon.Error);

                        if (dialogResult == DialogResult.Yes)
                        {
                            con.Open();

                            string sql2 = "UPDATE Usertbl SET Password = '" +
textBox2.Text + "' WHERE UserID = '" + userid + "' ";
                            com = new SqlCommand(sql2, con);
                            com.ExecuteNonQuery();
                            MessageBox.Show("Password Updated Successfully");
                            textBox1.Text = "";
                            textBox2.Text = "";

                            con.Close();
                        }

                    }
                    else
                    {
                        MessageBox.Show("Old Password Is Incorrect");
                        textBox1.Text = "";
                        textBox2.Text = "";
                    }
                }

                con.Close();
            }
        }

        private void btnDelete_Click(object sender, EventArgs e)
        {
            if (tbDeletePassword.Text == "")
            {
                MessageBox.Show("Enter Your Password");

            }

            else
            {
```

```csharp
            con.Open();
            string sql = "SELECT * FROM Usertbl WHERE UserID = '" + userid + "'";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();

            if (dr.Read())
            {
                string oldp = dr["Password"].ToString();

                if (tbDeletePassword.Text == oldp)
                {
                    con.Close();

                    DialogResult result = MessageBox.Show("Are You Sure To Delete
Your Account", "Alert", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
                    if (result == DialogResult.Yes)
                    {
                        string sql1 = "UPDATE UserTbl SET UserName = '', Password
= '' WHERE UserID = '"+userid+"'";
                        con.Open();

                        com = new SqlCommand(sql1, con);
                        com.ExecuteNonQuery();
                        MessageBox.Show("User Deleted Successfully");
                        con.Close();
                        tbDeletePassword.Text = "";

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

                        con.Close();
                    }
                }
                else
                {
                    MessageBox.Show("Enter A Correct Password");
                    tbDeletePassword.Text = "";
                }

            }
        }
    }   }
}
```

12.ThankYou Form

Source Code:

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

namespace Starting_Interface
{
    public partial class ThankYou_Final : Form
    {
        String username;

        public ThankYou_Final(String username2)
        {
            InitializeComponent();
            username = username2;
        }

        private void btnMenu_Click(object sender, EventArgs e)
        {
            this.Hide();
            Menu menu = new Menu(username);
            menu.Show();
        }
    }
}
```

Drug Preventing Administrator App
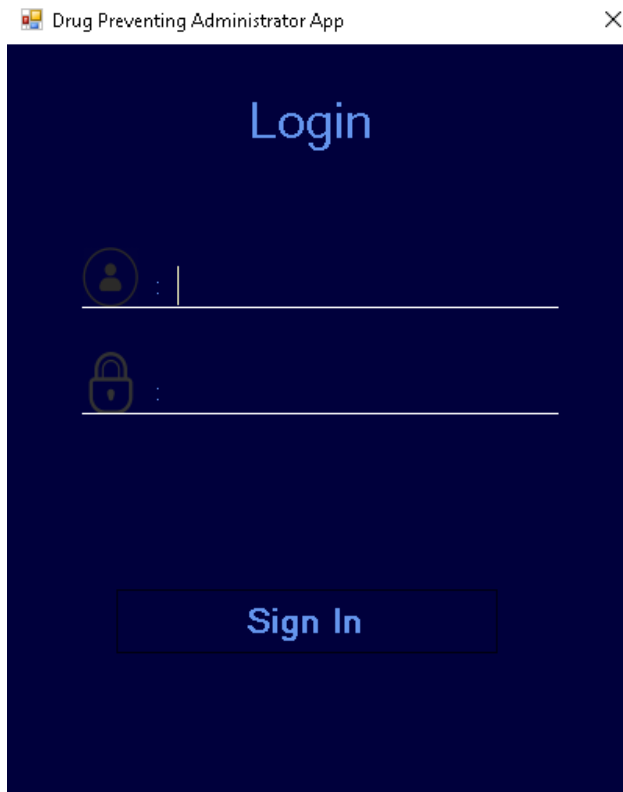
1.Login Form

Source Code:

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

namespace Drugs_Preventing_Administor_App
{
    public partial class Login : Form
    {
        public Login()
        {
            InitializeComponent();
        }

        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;

        private void btnSignin_Click(object sender, EventArgs e)
        {
            string name = tbName.Text;
```

```csharp
            string password = tbPassword.Text;

            con.Open();

            string SQL = "SELECT * FROM AdminTable WHERE Username = '" + name + "' ";
            com = new SqlCommand(SQL, con);
            dr = com.ExecuteReader();

            if (dr.Read())
            {
                string u = dr["Username"].ToString();
                string p = dr["Password"].ToString();
                string pid3 = dr["PoliceID"].ToString();
                string position = dr["Position"].ToString();
                int pid = int.Parse(pid3);

                if (tbPassword.Text == p)
                {
                    if (position == "DIG")
                    {
                        this.Hide();
                        MenuAdmin menu = new MenuAdmin(pid);
                        menu.Show();
                    }
                    else if (position == "Constable")
                    {
                        this.Hide();
                        MenuUser menuUser = new MenuUser(pid);
                        menuUser.Show();

                    }
                    else
                    {
                        this.Hide();
                        MenuUser menuUser = new MenuUser(pid);
                        menuUser.Show();
                    }

                }
                else
                {
                    DialogResult result = MessageBox.Show("Password is Incorrect",
"Warning", MessageBoxButtons.OK, MessageBoxIcon.Error);
                    tbName.Text = null;
                    tbPassword.Text = null;
                }

            }
            else
            {
                DialogResult result = MessageBox.Show("UserName is Incorrect",
"Warning",MessageBoxButtons.OK,MessageBoxIcon.Error);
                tbName.Text = null;
                tbPassword.Text = null;
            }

            con.Close();

        }
    }
}
```

2.Menu Admin
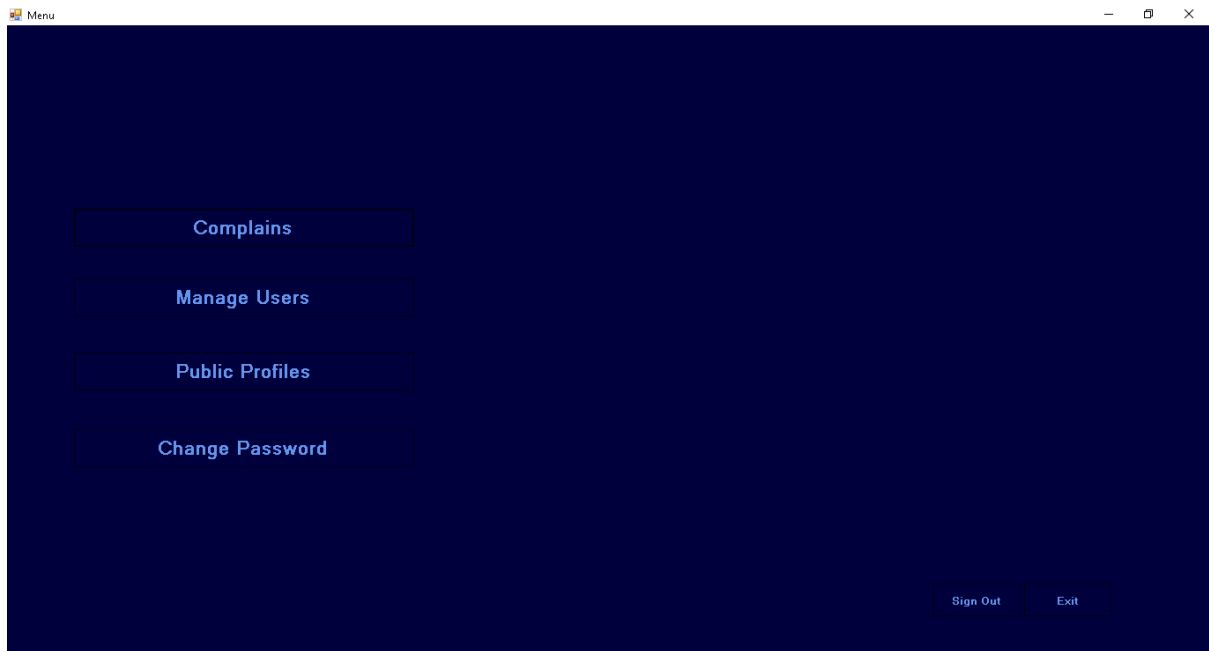
Source Code:

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

namespace Drugs_Preventing_Administor_App
{
    public partial class MenuAdmin : Form
    {
        int pid;

        public MenuAdmin(int pid2)
        {
            InitializeComponent();
            pid = pid2;
        }

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

        private void btnPersoncomplain_Click(object sender, EventArgs e)
        {
            this.Hide();
            Complains complains = new Complains(pid);
            complains.Show();

        }
```

```csharp
        private void btnPlacecomplain_Click(object sender, EventArgs e)
        {
            this.Hide();
            PlaceComplian placeComplian = new PlaceComplian(pid);
            placeComplian.Show();

        }

        private void btnOthercomplain_Click(object sender, EventArgs e)
        {
            this.Hide();
            OtherComplain otherComplain = new OtherComplain(pid);
            otherComplain.Show();

        }

        private void btnAdduser_Click(object sender, EventArgs e)
        {
            this.Hide();
            ManageUser manageUser = new ManageUser(pid);
            manageUser.Show();

        }

        private void btnSignOut_Click(object sender, EventArgs e)
        {
            this.Hide();
            Login login = new Login();
            login.Show();
        }

        private void MenuAdmin_Load(object sender, EventArgs e)
        {

        }

        private void btnChangePassword_Click(object sender, EventArgs e)
        {
            this.Hide();
            ChangePassword changePassword = new ChangePassword(pid);
            changePassword.Show();
        }

        private void btnPublic_Click(object sender, EventArgs e)
        {
            this.Hide();
            PublicProfileManagement publicProfileManagement = new
PublicProfileManagement(pid);
            publicProfileManagement.Show();
        }
    }
}
```

2.1.Menu User
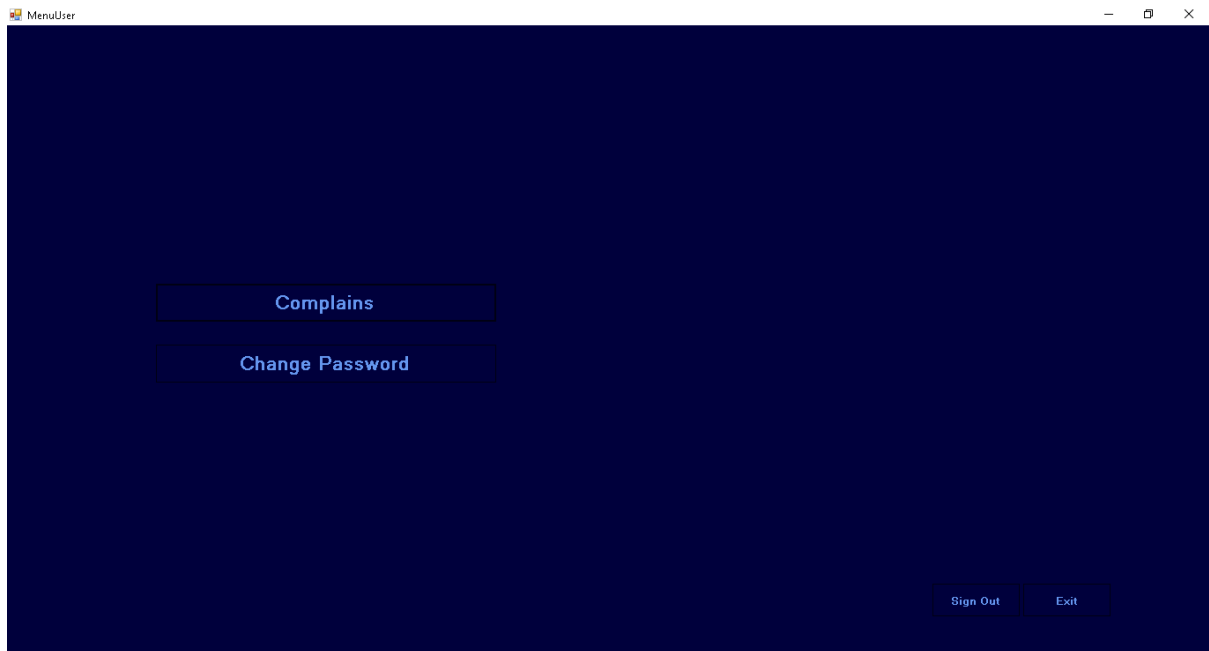
Source Code:

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

namespace Drugs_Preventing_Administor_App
{
    public partial class MenuUser : Form
    {
        int pid;
        public MenuUser(int pid2)
        {
            InitializeComponent();
            pid = pid2;
        }


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

        private void btnSignOut_Click(object sender, EventArgs e)
        {
            this.Hide();
            Login login = new Login();
            login.Show();
        }
```

```csharp
        private void btncomplain_Click(object sender, EventArgs e)
        {
            this.Hide();
            Complains complains = new Complains(pid);
            complains.Show();
        }

        private void btnChangePassword_Click(object sender, EventArgs e)
        {
            this.Hide();
            ChangePassword changePassword = new ChangePassword(pid);
            changePassword.Show();
        }
    }
}
```

3.Complains Form

Source Code:

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

namespace Drugs_Preventing_Administor_App
{
    public partial class Complains : Form
    {
        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;

        int pid;
        public Complains(int pid2)
        {
            InitializeComponent();
            pid = pid2;
        }

        private void button1_Click(object sender, EventArgs e)
        {
            this.Hide();
            con.Open();
            string sql = "SELECT * FROM AdminTable WHERE PoliceID = '" + pid + "'";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();
            if (dr.Read())
```

```csharp
        {
            string post = dr["Position"].ToString();
            con.Close();
            if (post == "DIG")
            {
                this.Hide();
                MenuAdmin menuAdmin = new MenuAdmin(pid);
                menuAdmin.Show();
            }
            else if (post == "Constable")
            {
                this.Hide();
                MenuUser menuUser = new MenuUser(pid);
                menuUser.Show();
            }
            else
            {
                this.Hide();
                MenuUser menuUser = new MenuUser(pid);
                menuUser.Show();
            }
        }

    }

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

    private void btndealercomplain_Click(object sender, EventArgs e)
    {
        this.Hide();
        DrugDealerComplain drugDealer = new DrugDealerComplain(pid);
        drugDealer.Show();
    }

    private void btnVictimcomplain_Click(object sender, EventArgs e)
    {
        this.Hide();
        VictimComplain victimComplain = new VictimComplain(pid);
        victimComplain.Show();
    }

    private void btnPlacecomplain_Click(object sender, EventArgs e)
    {
        this.Hide();
        PlaceComplian place = new PlaceComplian(pid);
        place.Show();

    }

    private void btnOthercomplain_Click(object sender, EventArgs e)
    {
        this.Hide();
        OtherComplain other = new OtherComplain(pid);
        other.Show();
    }
  }
}
```

4.Drug Dealer Complain

Source Code:

```
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Data.SqlClient;

using System.IO;


namespace Drugs_Preventing_Administor_App

{

    public partial class DrugDealerComplain : Form

    {

        int pid;

        public DrugDealerComplain(int pid2)

        {

            InitializeComponent();
```

```csharp
            pid = pid2;
        }



        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;

        SqlDataReader dr;

        DataSet ds;



        public void Rreset()
        {
            cbProvince.Text = "";

            dealerid.Text = "";

            userid.Text = "";

        }



        private void btnExit_Click(object sender, EventArgs e)
        {
            Application.Exit();

        }



        private void button1_Click(object sender, EventArgs e)
        {

            this.Hide();

            Complains complains = new Complains(pid);

            complains.Show();

        }



        private void DrugDealerComplain_Load(object sender, EventArgs e)
        {
            con.Open();



            string sql = "SELECT * FROM ComplainDrugDelearTbl";

            com = new SqlCommand(sql, con);
```

```
        dr = com.ExecuteReader();


        listView1.Items.Clear();




        while (dr.Read())
        {
            ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

            table.SubItems.Add(dr["UserID"].ToString());

            table.SubItems.Add(dr["FirstName"].ToString());

            table.SubItems.Add(dr["SecondName"].ToString());

            table.SubItems.Add(dr["FullName"].ToString());

            table.SubItems.Add(dr["TPNo"].ToString());

            table.SubItems.Add(dr["Province"].ToString());

            table.SubItems.Add(dr["District"].ToString());

            table.SubItems.Add(dr["City"].ToString());

            table.SubItems.Add(dr["Village"].ToString());

            table.SubItems.Add(dr["Address"].ToString());

            table.SubItems.Add(dr["Image"].ToString());

            table.SubItems.Add(dr["Date"].ToString());


            listView1.Items.Add(table);


        }


        con.Close();
    }


    private void btnFilter_Click(object sender, EventArgs e)
    {
        if (cbProvince.Text != "" && dealerid.Text != "" && userid.Text != "")
        {
            con.Open();
```

```csharp
                string sql = "SELECT * FROM ComplainDrugDelearTbl WHERE (Province =
'"+cbProvince.Text+"' AND DealerID = '"+dealerid.Text+"' AND UserID =
'"+userid.Text+"')";

                com = new SqlCommand(sql, con);

                dr = com.ExecuteReader();


                listView1.Items.Clear();

                while (dr.Read())

                {

                    ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

                    table.SubItems.Add(dr["UserID"].ToString());

                    table.SubItems.Add(dr["FirstName"].ToString());

                    table.SubItems.Add(dr["SecondName"].ToString());

                    table.SubItems.Add(dr["FullName"].ToString());

                    table.SubItems.Add(dr["TPNo"].ToString());

                    table.SubItems.Add(dr["Province"].ToString());

                    table.SubItems.Add(dr["District"].ToString());

                    table.SubItems.Add(dr["City"].ToString());

                    table.SubItems.Add(dr["Village"].ToString());

                    table.SubItems.Add(dr["Address"].ToString());

                    table.SubItems.Add(dr["Image"].ToString());

                    table.SubItems.Add(dr["Date"].ToString());


                    listView1.Items.Add(table);


                }


                con.Close();

            }

            else if (cbProvince.Text != "" && dealerid.Text != "" && userid.Text ==
"")

            {

                con.Open();


                string sql = "SELECT * FROM ComplainDrugDelearTbl WHERE (Province = '"
+ cbProvince.Text + "' AND DealerID = '" + dealerid.Text + "')";
```

```csharp
            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();

        }

        else if (cbProvince.Text != "" && dealerid.Text == "" && userid.Text !=
"")

        {

            con.Open();


            string sql = "SELECT * FROM ComplainDrugDelearTbl WHERE (Province = '"
+ cbProvince.Text + "' AND UserID = '" + userid.Text + "')";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();
```

```csharp
                listView1.Items.Clear();

                while (dr.Read())

                {

                    ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

                    table.SubItems.Add(dr["UserID"].ToString());

                    table.SubItems.Add(dr["FirstName"].ToString());

                    table.SubItems.Add(dr["SecondName"].ToString());

                    table.SubItems.Add(dr["FullName"].ToString());

                    table.SubItems.Add(dr["TPNo"].ToString());

                    table.SubItems.Add(dr["Province"].ToString());

                    table.SubItems.Add(dr["District"].ToString());

                    table.SubItems.Add(dr["City"].ToString());

                    table.SubItems.Add(dr["Village"].ToString());

                    table.SubItems.Add(dr["Address"].ToString());

                    table.SubItems.Add(dr["Image"].ToString());

                    table.SubItems.Add(dr["Date"].ToString());


                    listView1.Items.Add(table);


                }


                con.Close();

            }

            else if (cbProvince.Text != "" && dealerid.Text == "" && userid.Text ==
"")

            {

                con.Open();


                string sql = "SELECT * FROM ComplainDrugDelearTbl WHERE (Province = '"
+ cbProvince.Text + "')";

                com = new SqlCommand(sql, con);

                dr = com.ExecuteReader();


                listView1.Items.Clear();

                while (dr.Read())

                {
```

```csharp
            ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

            table.SubItems.Add(dr["UserID"].ToString());

            table.SubItems.Add(dr["FirstName"].ToString());

            table.SubItems.Add(dr["SecondName"].ToString());

            table.SubItems.Add(dr["FullName"].ToString());

            table.SubItems.Add(dr["TPNo"].ToString());

            table.SubItems.Add(dr["Province"].ToString());

            table.SubItems.Add(dr["District"].ToString());

            table.SubItems.Add(dr["City"].ToString());

            table.SubItems.Add(dr["Village"].ToString());

            table.SubItems.Add(dr["Address"].ToString());

            table.SubItems.Add(dr["Image"].ToString());

            table.SubItems.Add(dr["Date"].ToString());


            listView1.Items.Add(table);


        }


        con.Close();

    }

    else if (cbProvince.Text == "" && dealerid.Text != "" && userid.Text !=
"")

    {

    con.Open();


    string sql = "SELECT * FROM ComplainDrugDelearTbl WHERE (DealerID = '"
+ dealerid.Text + "' AND UserID = '" + userid.Text + "')";

    com = new SqlCommand(sql, con);

    dr = com.ExecuteReader();


    listView1.Items.Clear();

    while (dr.Read())

    {

        ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

        table.SubItems.Add(dr["UserID"].ToString());

        table.SubItems.Add(dr["FirstName"].ToString());
```

```csharp
                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();

        }
        else if (cbProvince.Text == "" && dealerid.Text != "" && userid.Text ==
"")

        {

        con.Open();


        string sql = "SELECT * FROM ComplainDrugDelearTbl WHERE (DealerID = '"
+ dealerid.Text + "')";

        com = new SqlCommand(sql, con);

        dr = com.ExecuteReader();


        listView1.Items.Clear();

        while (dr.Read())

        {

            ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

            table.SubItems.Add(dr["UserID"].ToString());

            table.SubItems.Add(dr["FirstName"].ToString());

            table.SubItems.Add(dr["SecondName"].ToString());

            table.SubItems.Add(dr["FullName"].ToString());

            table.SubItems.Add(dr["TPNo"].ToString());
```

```csharp
                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text == "" && dealerid.Text == "" && userid.Text !=
"")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainDrugDelearTbl WHERE (UserID = '" +
userid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


            listView1.Items.Clear();
            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["DealerID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["FirstName"].ToString());
                table.SubItems.Add(dr["SecondName"].ToString());
                table.SubItems.Add(dr["FullName"].ToString());
                table.SubItems.Add(dr["TPNo"].ToString());
                table.SubItems.Add(dr["Province"].ToString());
                table.SubItems.Add(dr["District"].ToString());
                table.SubItems.Add(dr["City"].ToString());
```

```csharp
                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else
        {
            MessageBox.Show("Record Not Found");

            Rreset();

            con.Open();


            string sql = "SELECT * FROM ComplainDrugDelearTbl";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["DealerID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());
```

```csharp
            table.SubItems.Add(dr["Image"].ToString());

            table.SubItems.Add(dr["Date"].ToString());


            listView1.Items.Add(table);


        }


        con.Close();
    }
}


private void btnReset_Click(object sender, EventArgs e)
{
    Rreset();


    pictureBox1.Image = null;
    tbDealerID.Text = "";
    tbUserID.Text = "";
    tbFName.Text = "";
    tbSName.Text = "";
    tbFullName.Text = "";
    tbTpno.Text = "";
    tbProvince.Text = "";
    tbDistrict.Text = "";
    tbCity.Text = "";
    tbVillage.Text = "";
    tbAddress.Text = "";
    tbDate.Text = "";


    con.Open();


    string sql = "SELECT * FROM ComplainDrugDelearTbl";
    com = new SqlCommand(sql, con);
    dr = com.ExecuteReader();
```

```csharp
            listView1.Items.Clear();

            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["DealerID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["FirstName"].ToString());
                table.SubItems.Add(dr["SecondName"].ToString());
                table.SubItems.Add(dr["FullName"].ToString());
                table.SubItems.Add(dr["TPNo"].ToString());
                table.SubItems.Add(dr["Province"].ToString());
                table.SubItems.Add(dr["District"].ToString());
                table.SubItems.Add(dr["City"].ToString());
                table.SubItems.Add(dr["Village"].ToString());
                table.SubItems.Add(dr["Address"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());



                listView1.Items.Add(table);


            }


        con.Close();
        }


        private void dataGridView1_CellContentClick(object sender,
DataGridViewCellEventArgs e)
        {


        }


        private void listView1_SelectedIndexChanged(object sender, EventArgs e)
        {
            try
```

```csharp
        {
            if (listView1.SelectedItems.Count > 0)
            {
                ListViewItem srecord = listView1.SelectedItems[0];
                tbDealerID.Text = srecord.SubItems[0].Text;
                tbUserID.Text = srecord.SubItems[1].Text;
                tbFName.Text = srecord.SubItems[2].Text;
                tbSName.Text = srecord.SubItems[3].Text;
                tbFullName.Text = srecord.SubItems[4].Text;
                tbTpno.Text = srecord.SubItems[5].Text;
                tbProvince.Text = srecord.SubItems[6].Text;
                tbDistrict.Text = srecord.SubItems[7].Text;
                tbCity.Text = srecord.SubItems[8].Text;
                tbVillage.Text = srecord.SubItems[9].Text;
                tbAddress.Text = srecord.SubItems[10].Text;
                tbDate.Text = srecord.SubItems[12].Text;


                con.Open();
                string sql = "SELECT Image FROM ComplainDrugDelearTbl WHERE DealerID = '"+tbDealerID.Text+"'";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();
                if (dr.Read())
                {
                    try
                    {
                        if (dr["Image"].ToString() != null)
                        {
                            byte[] img = (byte[])dr["Image"];

                            con.Close();

                            if (img == null)
                            {
                                pictureBox1.Image = null;
```

```csharp
                                }
                                else
                                {
                                    MemoryStream msr = new MemoryStream(img);
                                    pictureBox1.Image = Image.FromStream(msr);


                                }
                            }

                        }
                        catch (Exception er)
                        {
                            MessageBox.Show(er.Message);
                        }
                    }
                    else
                    {

                    }
                }
            }
            catch (Exception er)
            {
                MessageBox.Show(er.Message);
            }
        }
    }
}
```

5.Complain Victim

Source Code:

```
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Data.SqlClient;

using System.IO;

namespace Drugs_Preventing_Administor_App

{

    public partial class VictimComplain : Form

    {

        int pid;

        public VictimComplain(int pid2)

        {

            InitializeComponent();

            pid = pid2;
```

```
        }


        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");

        SqlCommand com;

        SqlDataReader dr;

        DataSet ds;


        public void Rreset()
        {
            cbProvince.Text = "";

            victimid.Text = "";

            userid.Text = "";
        }


        private void PersonComplain_Load(object sender, EventArgs e)
        {
            con.Open();


            string sql = "SELECT * FROM ComplainVictimTbl";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();



            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());
```

```csharp
            table.SubItems.Add(dr["Province"].ToString());

            table.SubItems.Add(dr["District"].ToString());

            table.SubItems.Add(dr["City"].ToString());

            table.SubItems.Add(dr["Village"].ToString());

            table.SubItems.Add(dr["Address"].ToString());

            table.SubItems.Add(dr["Image"].ToString());

            table.SubItems.Add(dr["Date"].ToString());


            listView1.Items.Add(table);


        }


        con.Close();


    }


    private void button1_Click(object sender, EventArgs e)
    {
        this.Hide();
        Complains complains = new Complains(pid);
        complains.Show();


    }


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


    private void btnFilter_Click(object sender, EventArgs e)
    {
        if (cbProvince.Text != "" && victimid.Text != "" && userid.Text != "")
        {
            con.Open();
```

```csharp
            string sql = "SELECT * FROM ComplainVictimTbl WHERE (Province = '" +
cbProvince.Text + "' AND VictimID = '" + victimid.Text + "' AND UserID = '" +
userid.Text + "')";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();

        }

        else if (cbProvince.Text != "" && victimid.Text != "" && userid.Text ==
"")

        {

            con.Open();


            string sql = "SELECT * FROM ComplainVictimTbl WHERE (Province = '" +
cbProvince.Text + "' AND VictimID = '" + victimid.Text + "')";
```

```csharp
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


            listView1.Items.Clear();
            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["FirstName"].ToString());
                table.SubItems.Add(dr["SecondName"].ToString());
                table.SubItems.Add(dr["FullName"].ToString());
                table.SubItems.Add(dr["TPNo"].ToString());
                table.SubItems.Add(dr["Province"].ToString());
                table.SubItems.Add(dr["District"].ToString());
                table.SubItems.Add(dr["City"].ToString());
                table.SubItems.Add(dr["Village"].ToString());
                table.SubItems.Add(dr["Address"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text != "" && victimid.Text == "" && userid.Text !=
"")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainVictimTbl WHERE (Province = '" +
cbProvince.Text + "' AND UserID = '" + userid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();
```

```
            listView1.Items.Clear();

            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();

        }

        else if (cbProvince.Text != "" && victimid.Text == "" && userid.Text ==
"")

        {

        con.Open();


        string sql = "SELECT * FROM ComplainVictimTbl WHERE (Province = '" +
cbProvince.Text + "')";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())

            {
```

```csharp
                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["FirstName"].ToString());
                table.SubItems.Add(dr["SecondName"].ToString());
                table.SubItems.Add(dr["FullName"].ToString());
                table.SubItems.Add(dr["TPNo"].ToString());
                table.SubItems.Add(dr["Province"].ToString());
                table.SubItems.Add(dr["District"].ToString());
                table.SubItems.Add(dr["City"].ToString());
                table.SubItems.Add(dr["Village"].ToString());
                table.SubItems.Add(dr["Address"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text == "" && victimid.Text != "" && userid.Text !=
"")
        {
        con.Open();


        string sql = "SELECT * FROM ComplainVictimTbl WHERE (VictimID = '" +
victimid.Text + "' AND UserID = '" + userid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


        listView1.Items.Clear();
        while (dr.Read())
        {
            ListViewItem table = new ListViewItem(dr["VictimID"].ToString());
            table.SubItems.Add(dr["UserID"].ToString());
            table.SubItems.Add(dr["FirstName"].ToString());
```

```csharp
                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();

        }
        else if (cbProvince.Text == "" && victimid.Text != "" && userid.Text ==
"")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainVictimTbl WHERE (VictimID = '" +
victimid.Text + "')";
            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());
```

```csharp
                    table.SubItems.Add(dr["Province"].ToString());

                    table.SubItems.Add(dr["District"].ToString());

                    table.SubItems.Add(dr["City"].ToString());

                    table.SubItems.Add(dr["Village"].ToString());

                    table.SubItems.Add(dr["Address"].ToString());

                    table.SubItems.Add(dr["Image"].ToString());

                    table.SubItems.Add(dr["Date"].ToString());


                    listView1.Items.Add(table);


                }


                con.Close();
            }
            else if (cbProvince.Text == "" && victimid.Text == "" && userid.Text !=
"")
            {
                con.Open();


                string sql = "SELECT * FROM ComplainVictimTbl WHERE (UserID = '" +
userid.Text + "')";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();


                listView1.Items.Clear();
                while (dr.Read())
                {
                    ListViewItem table = new ListViewItem(dr["VictimID"].ToString());
                    table.SubItems.Add(dr["UserID"].ToString());
                    table.SubItems.Add(dr["FirstName"].ToString());
                    table.SubItems.Add(dr["SecondName"].ToString());
                    table.SubItems.Add(dr["FullName"].ToString());
                    table.SubItems.Add(dr["TPNo"].ToString());
                    table.SubItems.Add(dr["Province"].ToString());
                    table.SubItems.Add(dr["District"].ToString());
                    table.SubItems.Add(dr["City"].ToString());
```

```csharp
                    table.SubItems.Add(dr["Village"].ToString());

                    table.SubItems.Add(dr["Address"].ToString());

                    table.SubItems.Add(dr["Image"].ToString());

                    table.SubItems.Add(dr["Date"].ToString());


                    listView1.Items.Add(table);

                }


            con.Close();
        }
        else
        {
            MessageBox.Show("Record Not Found");

            Rreset();

            con.Open();


            string sql = "SELECT * FROM ComplainVictimTbl";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["FullName"].ToString());

                table.SubItems.Add(dr["TPNo"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());
```

```
                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
    }
    private void btnReset_Click(object sender, EventArgs e)
    {
        Rreset();


        pictureBox1.Image = null;
        tbVictimID.Text = "";
        tbUserID.Text = "";
        tbFName.Text = "";
        tbSName.Text = "";
        tbFullName.Text = "";
        tbTpno.Text = "";
        tbProvince.Text = "";
        tbDistrict.Text = "";
        tbCity.Text = "";
        tbVillage.Text = "";
        tbAddress.Text = "";
        tbDate.Text = "";


        con.Open();


        string sql = "SELECT * FROM ComplainVictimTbl";
        com = new SqlCommand(sql, con);
        dr = com.ExecuteReader();


        listView1.Items.Clear();
```

```csharp
            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["VictimID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["FirstName"].ToString());
                table.SubItems.Add(dr["SecondName"].ToString());
                table.SubItems.Add(dr["FullName"].ToString());
                table.SubItems.Add(dr["TPNo"].ToString());
                table.SubItems.Add(dr["Province"].ToString());
                table.SubItems.Add(dr["District"].ToString());
                table.SubItems.Add(dr["City"].ToString());
                table.SubItems.Add(dr["Village"].ToString());
                table.SubItems.Add(dr["Address"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());



                listView1.Items.Add(table);

            }


        con.Close();
    }


    private void listView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        try
        {
            if (listView1.SelectedItems.Count > 0)
            {
                ListViewItem srecord = listView1.SelectedItems[0];
                tbVictimID.Text = srecord.SubItems[0].Text;
                tbUserID.Text = srecord.SubItems[1].Text;
                tbFName.Text = srecord.SubItems[2].Text;
```

```csharp
                tbSName.Text = srecord.SubItems[3].Text;

                tbFullName.Text = srecord.SubItems[4].Text;

                tbTpno.Text = srecord.SubItems[5].Text;

                tbProvince.Text = srecord.SubItems[6].Text;

                tbDistrict.Text = srecord.SubItems[7].Text;

                tbCity.Text = srecord.SubItems[8].Text;

                tbVillage.Text = srecord.SubItems[9].Text;

                tbAddress.Text = srecord.SubItems[10].Text;

                tbDate.Text = srecord.SubItems[12].Text;


            con.Open();

            string sql = "SELECT Image FROM ComplainVictimTbl WHERE VictimID =
'" + tbVictimID.Text + "'";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();

            if (dr.Read())
            {
                try
                {
                    if (dr["Image"].ToString() != null)
                    {
                        byte[] img = (byte[])dr["Image"];

                        con.Close();

                        if (img == null)
                        {
                            pictureBox1.Image = null;
                        }
                        else
                        {
                            MemoryStream msr = new MemoryStream(img);
                            pictureBox1.Image = Image.FromStream(msr);

                        }
```

```csharp
                }

            }
            catch (Exception er)
            {
                MessageBox.Show(er.Message);
            }
        }
        else
        {


        }
    }
}
catch (Exception er)
{
    MessageBox.Show(er.Message);
}
        }
    }
}
```

6.Complain Place

Source Code:

```csharp
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Data.SqlClient;


namespace Drugs_Preventing_Administor_App

{

    public partial class PlaceComplian : Form

    {

        int pid;

        public PlaceComplian(int pid2)

        {

            InitializeComponent();

            pid = pid2;
```

```csharp
        }


        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");

        SqlDataAdapter da;

        SqlCommand com;

        SqlDataReader dr;

        DataSet ds;


        public void Rreset()

        {

            cbProvince.Text = "";

            placeid.Text = "";

            userid.Text = "";

        }


        private void PersonFilter_Load(object sender, EventArgs e)

        {


            tbPlaceID.Enabled = false;

            tbUserID.Enabled = false;

            tbProvince.Enabled = false;

            tbDistrict.Enabled = false;

            tbCity.Enabled = false;

            tbDate.Enabled = false;

            tbAddress.Enabled = false;

            tbVillage.Enabled = false;

            tbMoreInfo.Enabled = false;


            con.Open();


            string sql = "SELECT * FROM ComplainPlace";

            com = new SqlCommand(sql, con);
```

```csharp
            dr = com.ExecuteReader();

            listView1.Items.Clear();



            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["Province"].ToString());
                table.SubItems.Add(dr["District"].ToString());
                table.SubItems.Add(dr["City"].ToString());
                table.SubItems.Add(dr["Village"].ToString());
                table.SubItems.Add(dr["Address"].ToString());
                table.SubItems.Add(dr["MoreInfo"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);

            }

            con.Close();

        }






        private void btnExit_Click(object sender, EventArgs e)
        {
            this.Close();
```

```csharp
        }


        private void cbDistrict_SelectedIndexChanged(object sender, EventArgs e)

        {


        }


        private void cbProvince_SelectedIndexChanged(object sender, EventArgs e)

        {


        }




        private void dataGridView1_CellContentClick(object sender,
DataGridViewCellEventArgs e)

        {


        }


        private void btnFilter_Click(object sender, EventArgs e)

        {

            if (cbProvince.Text != "" && placeid.Text != "" && userid.Text != "")

            {

                con.Open();


                string sql = "SELECT * FROM ComplainPlace WHERE (Province = '" +
cbProvince.Text + "' AND Place_ID = '" + placeid.Text + "' AND UserID = '" +
userid.Text + "')";

                com = new SqlCommand(sql, con);

                dr = com.ExecuteReader();


                listView1.Items.Clear();

                while (dr.Read())

                {

                    ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());
```

```
                        table.SubItems.Add(dr["UserID"].ToString());

                        table.SubItems.Add(dr["Province"].ToString());

                        table.SubItems.Add(dr["District"].ToString());

                        table.SubItems.Add(dr["City"].ToString());

                        table.SubItems.Add(dr["Village"].ToString());

                        table.SubItems.Add(dr["Address"].ToString());

                        table.SubItems.Add(dr["MoreInfo"].ToString());

                        table.SubItems.Add(dr["Date"].ToString());


                        listView1.Items.Add(table);


                    }


                    con.Close();

                }

                else if (cbProvince.Text != "" && placeid.Text != "" && userid.Text == "")

                {

                    con.Open();


                    string sql = "SELECT * FROM ComplainPlace WHERE (Province = '" +
cbProvince.Text + "' AND Place_ID = '" + placeid.Text + "')";

                    com = new SqlCommand(sql, con);

                    dr = com.ExecuteReader();


                    listView1.Items.Clear();

                    while (dr.Read())

                    {

                        ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());

                        table.SubItems.Add(dr["UserID"].ToString());

                        table.SubItems.Add(dr["Province"].ToString());

                        table.SubItems.Add(dr["District"].ToString());

                        table.SubItems.Add(dr["City"].ToString());

                        table.SubItems.Add(dr["Village"].ToString());

                        table.SubItems.Add(dr["Address"].ToString());

                        table.SubItems.Add(dr["MoreInfo"].ToString());
```

```csharp
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text != "" && placeid.Text == "" && userid.Text != "")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainPlace WHERE (Province = '" +
cbProvince.Text + "' AND UserID = '" + userid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


            listView1.Items.Clear();
            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["Province"].ToString());
                table.SubItems.Add(dr["District"].ToString());
                table.SubItems.Add(dr["City"].ToString());
                table.SubItems.Add(dr["Village"].ToString());
                table.SubItems.Add(dr["Address"].ToString());
                table.SubItems.Add(dr["MoreInfo"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
```

```csharp
            }
            else if (cbProvince.Text != "" && placeid.Text == "" && userid.Text == "")
            {
                con.Open();

                string sql = "SELECT * FROM ComplainPlace WHERE (Province = '" +
cbProvince.Text + "')";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                listView1.Items.Clear();
                while (dr.Read())
                {
                    ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());
                    table.SubItems.Add(dr["UserID"].ToString());
                    table.SubItems.Add(dr["Province"].ToString());
                    table.SubItems.Add(dr["District"].ToString());
                    table.SubItems.Add(dr["City"].ToString());
                    table.SubItems.Add(dr["Village"].ToString());
                    table.SubItems.Add(dr["Address"].ToString());
                    table.SubItems.Add(dr["MoreInfo"].ToString());
                    table.SubItems.Add(dr["Date"].ToString());

                    listView1.Items.Add(table);

                }

                con.Close();
            }
            else if (cbProvince.Text == "" && placeid.Text != "" && userid.Text != "")
            {
                con.Open();

                string sql = "SELECT * FROM ComplainPlace WHERE (Place_ID = '" +
placeid.Text + "' AND UserID = '" + userid.Text + "')";
                com = new SqlCommand(sql, con);
```

```csharp
                dr = com.ExecuteReader();

                listView1.Items.Clear();
                while (dr.Read())
                {
                    ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());
                    table.SubItems.Add(dr["UserID"].ToString());
                    table.SubItems.Add(dr["Province"].ToString());
                    table.SubItems.Add(dr["District"].ToString());
                    table.SubItems.Add(dr["City"].ToString());
                    table.SubItems.Add(dr["Village"].ToString());
                    table.SubItems.Add(dr["Address"].ToString());
                    table.SubItems.Add(dr["MoreInfo"].ToString());
                    table.SubItems.Add(dr["Date"].ToString());

                    listView1.Items.Add(table);

                }

                con.Close();
            }
            else if (cbProvince.Text == "" && placeid.Text != "" && userid.Text == "")
            {
                con.Open();

                string sql = "SELECT * FROM ComplainPlace WHERE (Place_ID = '" +
placeid.Text + "')";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                listView1.Items.Clear();
                while (dr.Read())
                {
                    ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());
                    table.SubItems.Add(dr["UserID"].ToString());
```

```csharp
                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["MoreInfo"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();

        }

        else if (cbProvince.Text == "" && placeid.Text == "" && userid.Text != "")

        {

            con.Open();


            string sql = "SELECT * FROM ComplainPlace WHERE (UserID = '" +
userid.Text + "')";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["Province"].ToString());

                table.SubItems.Add(dr["District"].ToString());

                table.SubItems.Add(dr["City"].ToString());

                table.SubItems.Add(dr["Village"].ToString());

                table.SubItems.Add(dr["Address"].ToString());

                table.SubItems.Add(dr["MoreInfo"].ToString());

                table.SubItems.Add(dr["Date"].ToString());
```

```csharp
                    listView1.Items.Add(table);


                }


                con.Close();
            }
            else
            {

                MessageBox.Show("Record Not Found");

                Rreset();

                con.Open();


                string sql = "SELECT * FROM ComplainPlace";

                com = new SqlCommand(sql, con);

                dr = com.ExecuteReader();


                listView1.Items.Clear();

                while (dr.Read())

                {

                    ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());

                    table.SubItems.Add(dr["UserID"].ToString());

                    table.SubItems.Add(dr["Province"].ToString());

                    table.SubItems.Add(dr["District"].ToString());

                    table.SubItems.Add(dr["City"].ToString());

                    table.SubItems.Add(dr["Village"].ToString());

                    table.SubItems.Add(dr["Address"].ToString());

                    table.SubItems.Add(dr["MoreInfo"].ToString());

                    table.SubItems.Add(dr["Date"].ToString());


                    listView1.Items.Add(table);


                }


                con.Close();
```

```csharp
            }
    }


    private void btnReset_Click(object sender, EventArgs e)
    {
        Rreset();

        tbPlaceID.Text = "";
        tbUserID.Text = "";
        tbProvince.Text = "";
        tbDistrict.Text = "";
        tbVillage.Text = "";
        tbCity.Text = "";
        tbAddress.Text = "";
        tbMoreInfo.Text = "";


        con.Open();

        string sql = "SELECT * FROM ComplainPlace";
        com = new SqlCommand(sql, con);
        dr = com.ExecuteReader();

        listView1.Items.Clear();
        while (dr.Read())
        {
            ListViewItem table = new ListViewItem(dr["Place_ID"].ToString());
            table.SubItems.Add(dr["UserID"].ToString());
            table.SubItems.Add(dr["Province"].ToString());
            table.SubItems.Add(dr["District"].ToString());
            table.SubItems.Add(dr["City"].ToString());
            table.SubItems.Add(dr["Village"].ToString());
            table.SubItems.Add(dr["Address"].ToString());
            table.SubItems.Add(dr["MoreInfo"].ToString());
            table.SubItems.Add(dr["Date"].ToString());
```

```csharp
                listView1.Items.Add(table);
            }
        con.Close();
    }


    private void listView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        try
        {
            if (listView1.SelectedItems.Count > 0)
            {
                ListViewItem srecord = listView1.SelectedItems[0];
                tbPlaceID.Text = srecord.SubItems[0].Text;
                tbUserID.Text = srecord.SubItems[1].Text;
                tbProvince.Text = srecord.SubItems[2].Text;
                tbDistrict.Text = srecord.SubItems[3].Text;
                tbCity.Text = srecord.SubItems[4].Text;
                tbVillage.Text = srecord.SubItems[5].Text;
                tbAddress.Text = srecord.SubItems[6].Text;
                tbMoreInfo.Text = srecord.SubItems[7].Text;
                tbDate.Text = srecord.SubItems[8].Text;


            }


        }


        catch (Exception er)
        {
            MessageBox.Show(er.Message);
        }
    }
```

```
        private void button3_Click(object sender, EventArgs e)

        {

            Application.Exit();


        }


        private void button2_Click(object sender, EventArgs e)

        {

            this.Hide();

            Complains complains = new Complains(pid);

            complains.Show();

        }

    }

}
```

7.Complain Other

Source Code:

```csharp
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Data.SqlClient;

using System.IO;


namespace Drugs_Preventing_Administor_App

{

    public partial class OtherComplain : Form

    {

        int pid;

        public OtherComplain(int pid2)

        {

            InitializeComponent();
```

```csharp
            pid = pid2;

        }


        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");

        SqlDataAdapter da;

        SqlDataReader dr;

        SqlCommand com;

        DataSet ds;


        public void Rreset()

        {


            otherid.Text = "";

            userid.Text = "";

        }


        private void OtherComplain_Load(object sender, EventArgs e)

        {

            con.Open();

            string sql = "SELECT * FROM ComplainOtherTbl";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();



            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["OtherID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["Title"].ToString());

                table.SubItems.Add(dr["Info"].ToString());

                table.SubItems.Add(dr["Image"].ToString());
```

```csharp
            table.SubItems.Add(dr["Date"].ToString());


            listView1.Items.Add(table);


        }


        con.Close();
    }


    private void btnExit_Click(object sender, EventArgs e)
    {
        Application.Exit();


    }


    private void button1_Click(object sender, EventArgs e)
    {
        this.Hide();
        Complains complains = new Complains(pid);
        complains.Show();
    }


    private void btnFilter_Click(object sender, EventArgs e)
    {
        if (cbProvince.Text != "" && otherid.Text != "" && userid.Text != "")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainOtherTbl WHERE (Province = '" +
cbProvince.Text + "' AND OtherID = '" + otherid.Text + "' AND UserID = '" +
userid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


            listView1.Items.Clear();
            while (dr.Read())
```

```csharp
            {
                ListViewItem table = new ListViewItem(dr["OtherID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["Title"].ToString());
                table.SubItems.Add(dr["Info"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text != "" && otherid.Text != "" && userid.Text == "")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainOtherTbl WHERE (Province = '" +
cbProvince.Text + "' AND OtherID = '" + otherid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


            listView1.Items.Clear();
            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["OtherID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["Title"].ToString());
                table.SubItems.Add(dr["Info"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);
```

```csharp
            }

            con.Close();
        }
        else if (cbProvince.Text != "" && otherid.Text == "" && userid.Text != "")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainOtherTbl WHERE (Province = '" +
cbProvince.Text + "' AND UserID = '" + userid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


            listView1.Items.Clear();
            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["OtherID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["Title"].ToString());
                table.SubItems.Add(dr["Info"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text != "" && otherid.Text == "" && userid.Text == "")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainOtherTbl WHERE (Province = '" +
cbProvince.Text + "')";
            com = new SqlCommand(sql, con);
```

```csharp
                dr = com.ExecuteReader();

                listView1.Items.Clear();
                while (dr.Read())
                {
                    ListViewItem table = new ListViewItem(dr["OtherID"].ToString());
                    table.SubItems.Add(dr["UserID"].ToString());
                    table.SubItems.Add(dr["Title"].ToString());
                    table.SubItems.Add(dr["Info"].ToString());
                    table.SubItems.Add(dr["Image"].ToString());
                    table.SubItems.Add(dr["Date"].ToString());

                    listView1.Items.Add(table);

                }

                con.Close();
            }
            else if (cbProvince.Text == "" && otherid.Text != "" && userid.Text != "")
            {
                con.Open();

                string sql = "SELECT * FROM ComplainOtherTbl WHERE (OtherID = '" +
otherid.Text + "' AND UserID = '" + userid.Text + "')";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                listView1.Items.Clear();
                while (dr.Read())
                {
                    ListViewItem table = new ListViewItem(dr["OtherID"].ToString());
                    table.SubItems.Add(dr["UserID"].ToString());
                    table.SubItems.Add(dr["Title"].ToString());
                    table.SubItems.Add(dr["Info"].ToString());
                    table.SubItems.Add(dr["Image"].ToString());
```

```
                table.SubItems.Add(dr["Date"].ToString());

                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text == "" && otherid.Text != "" && userid.Text == "")
        {
            con.Open();


            string sql = "SELECT * FROM ComplainOtherTbl WHERE (OtherID = '" +
otherid.Text + "')";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();


            listView1.Items.Clear();
            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["OtherID"].ToString());
                table.SubItems.Add(dr["UserID"].ToString());
                table.SubItems.Add(dr["Title"].ToString());
                table.SubItems.Add(dr["Info"].ToString());
                table.SubItems.Add(dr["Image"].ToString());
                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
        }
        else if (cbProvince.Text == "" && otherid.Text == "" && userid.Text != "")
        {
```

```csharp
                con.Open();

                string sql = "SELECT * FROM ComplainOtherTbl WHERE (UserID = '" +
userid.Text + "')";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                listView1.Items.Clear();
                while (dr.Read())
                {
                    ListViewItem table = new ListViewItem(dr["OtherID"].ToString());
                    table.SubItems.Add(dr["UserID"].ToString());
                    table.SubItems.Add(dr["Title"].ToString());
                    table.SubItems.Add(dr["Info"].ToString());
                    table.SubItems.Add(dr["Image"].ToString());
                    table.SubItems.Add(dr["Date"].ToString());

                    listView1.Items.Add(table);

                }

                con.Close();
            }
            else
            {
                MessageBox.Show("Record Not Found");
                Rreset();
                con.Open();

                string sql = "SELECT * FROM ComplainOtherTbl";
                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                listView1.Items.Clear();
                while (dr.Read())
```

```
                {

                        ListViewItem table = new ListViewItem(dr["OtherID"].ToString());

                        table.SubItems.Add(dr["UserID"].ToString());

                        table.SubItems.Add(dr["Title"].ToString());

                        table.SubItems.Add(dr["Info"].ToString());

                        table.SubItems.Add(dr["Image"].ToString());

                        table.SubItems.Add(dr["Date"].ToString());


                        listView1.Items.Add(table);


                }


                con.Close();

        }

    }


    private void btnReset_Click(object sender, EventArgs e)

    {

        Rreset();


        tbOtherID.Text = "";

        tbUserID.Text = "";

        tbTitle.Text = "";

        tbInfo.Text = "";

        tbDate.Text = "";

        pictureBox1.Image = null;


        con.Open();


        string sql = "SELECT * FROM ComplainOtherTbl";

        com = new SqlCommand(sql, con);

        dr = com.ExecuteReader();


        listView1.Items.Clear();

        while (dr.Read())
```

```csharp
            {
                ListViewItem table = new ListViewItem(dr["OtherID"].ToString());

                table.SubItems.Add(dr["UserID"].ToString());

                table.SubItems.Add(dr["Title"].ToString());

                table.SubItems.Add(dr["Info"].ToString());

                table.SubItems.Add(dr["Image"].ToString());

                table.SubItems.Add(dr["Date"].ToString());



                listView1.Items.Add(table);


            }


        con.Close();
    }


    private void listView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        try
        {
            if (listView1.SelectedItems.Count > 0)
            {
                ListViewItem srecord = listView1.SelectedItems[0];
                tbOtherID.Text = srecord.SubItems[0].Text;
                tbUserID.Text = srecord.SubItems[1].Text;
                tbTitle.Text = srecord.SubItems[2].Text;
                tbInfo.Text = srecord.SubItems[3].Text;


                tbDate.Text = srecord.SubItems[5].Text;



                con.Open();
                string sql = "SELECT Image FROM ComplainOtherTbl WHERE OtherID =
'" + tbOtherID.Text + "'";
                com = new SqlCommand(sql, con);
```

```csharp
            dr = com.ExecuteReader();
            if (dr.Read())
            {
                try
                {
                    if (dr["Image"].ToString() != null)
                    {
                        byte[] img = (byte[])dr["Image"];

                        con.Close();

                        if (img == null)
                        {
                            pictureBox1.Image = null;
                        }
                        else
                        {
                            MemoryStream msr = new MemoryStream(img);
                            pictureBox1.Image = Image.FromStream(msr);

                        }
                    }

                }
                catch (Exception er)
                {
                    MessageBox.Show(er.Message);
                }
            }
            else
            {

            }
        }
    }
```

```
        catch (Exception er)
        {
            MessageBox.Show(er.Message);
        }
    }
}


}
```

8. Manage Users

Source Code:

```csharp
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Data.SqlClient;


namespace Drugs_Preventing_Administor_App

{

    public partial class ManageUser : Form

    {

        int pid;


        public ManageUser(int pid2)

        {

            InitializeComponent();
```

```
            pid = pid2;

        }


        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");

        SqlCommand com;

        SqlDataReader dr;

        DataSet ds;


        string status;


        public void resetlist()

        {

            con.Open();


            string sql = "SELECT * FROM AdminTable";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();


            listView1.Items.Clear();

            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["PoliceID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["Username"].ToString());

                table.SubItems.Add(dr["Position"].ToString());

                table.SubItems.Add(dr["AddedBy"].ToString());

                table.SubItems.Add(dr["Date"].ToString());


                listView1.Items.Add(table);


            }


            con.Close();
```

```csharp
    }


    public void resetall()
    {
        tbPoliceID.Enabled = true;
        tbfname.Enabled = false;
        tbsname.Enabled = false;
        tbusername.Enabled = false;
        tbPosition.Enabled = false;
        tbPassword.Visible = false;
        label13.Visible = false;
        label12.Visible = false;
        label15.Visible = false;
        label14.Visible = false;
        tbAdded.Visible = false;
        label16.Visible = false;
        label17.Visible = false;
        tbDate.Visible = false;


        tbPoliceID.Text = "";
        tbfname.Text = "";
        tbsname.Text = "";
        tbusername.Text = "";
        tbPosition.Text = "";
        tbSearch.Text = "";
        tbPassword.Text = "";
    }


    private void ManageUser_Load(object sender, EventArgs e)
    {
        tbPassword.Visible = false;
        label13.Visible = false;
        label12.Visible = false;
        label15.Visible = false;
        label14.Visible = false;
```

```
            tbAdded.Visible = false;

            label16.Visible = false;
            label17.Visible = false;
            tbDate.Visible = false;



            con.Open();



            string sql = "SELECT * FROM AdminTable";

            com = new SqlCommand(sql, con);

            dr = com.ExecuteReader();



            listView1.Items.Clear();



            while (dr.Read())

            {

                ListViewItem table = new ListViewItem(dr["PoliceID"].ToString());

                table.SubItems.Add(dr["FirstName"].ToString());

                table.SubItems.Add(dr["SecondName"].ToString());

                table.SubItems.Add(dr["Username"].ToString());

                table.SubItems.Add(dr["Position"].ToString());

                table.SubItems.Add(dr["AddedBy"].ToString());

                table.SubItems.Add(dr["Date"].ToString());



                listView1.Items.Add(table);



            }



            con.Close();

        }



        private void btnRefresh_Click(object sender, EventArgs e)

        {

            con.Open();



            string sql = "SELECT * FROM AdminTable";
```

```csharp
        com = new SqlCommand(sql, con);

        dr = com.ExecuteReader();


        listView1.Items.Clear();

        while (dr.Read())

        {

            ListViewItem table = new ListViewItem(dr["PoliceID"].ToString());

            table.SubItems.Add(dr["FirstName"].ToString());

            table.SubItems.Add(dr["SecondName"].ToString());

            table.SubItems.Add(dr["Username"].ToString());

            table.SubItems.Add(dr["Position"].ToString());

            table.SubItems.Add(dr["AddedBy"].ToString());

            table.SubItems.Add(dr["Date"].ToString());


            listView1.Items.Add(table);


        }


        con.Close();

    }


    private void button1_Click(object sender, EventArgs e)

    {

        if(tbPoliceID.Text == "")

        {

            MessageBox.Show("Enter The Police ID To Add The New User");

        }

        else

        {

            string sql1 = "SELECT * FROM AdminTable WHERE PoliceID = '" +
tbPoliceID.Text + "'";


            con.Open();


            com = new SqlCommand(sql1, con);
```

```
            dr = com.ExecuteReader();

            if (dr.Read())
            {
                MessageBox.Show("PoliceID Already Exist");
            }
            else
            {


                status = "add";


                tbPoliceID.Enabled = false;
                tbfname.Enabled = true;
                tbsname.Enabled = true;
                tbusername.Enabled = true;
                tbPosition.Enabled = true;
                tbPassword.Visible = true;
                label13.Visible = true;
                label12.Visible = true;
                label17.Visible = false;
                label16.Visible = false;
                tbDate.Visible = false;
            }


            con.Close();
        }
    }


    private void btnEdit_Click(object sender, EventArgs e)
    {
        if (tbPoliceID.Text == "")
        {
            MessageBox.Show("Select An User / Or Type a Police ID To Edit",
"Alert", MessageBoxButtons.OK, MessageBoxIcon.Error);
```

```csharp
            }
            else
            {
                    string sql1 = "SELECT * FROM AdminTable WHERE PoliceID = '" +
        tbPoliceID.Text + "'";

                    con.Open();

                    com = new SqlCommand(sql1, con);
                    dr = com.ExecuteReader();

                    if (dr.Read())
                    {
                        status = "edit";

                        tbPoliceID.Enabled = false;
                        tbfname.Enabled = false;
                        tbsname.Enabled = false;
                        tbusername.Enabled = false;
                        tbPosition.Enabled = true;
                        label15.Visible = true;
                        label14.Visible = true;
                        tbAdded.Visible = true;
                        label16.Visible = true;
                        label17.Visible = true;
                        tbDate.Visible = true;

                        tbfname.Text = dr["FirstName"].ToString();
                        tbsname.Text = dr["SecondName"].ToString();
                        tbusername.Text = dr["Username"].ToString();
                        tbPosition.Text = dr["Position"].ToString();
                        tbDate.Text = dr["Date"].ToString();
                    }
                    else
                    {
```

```csharp
                MessageBox.Show("Record Doesn't Exist");

            }


            con.Close();

        }

    }


    private void btnDelete_Click(object sender, EventArgs e)

    {

        if (tbPoliceID.Text == "")

        {

            MessageBox.Show("Select An User To Delete", "Alert",
MessageBoxButtons.OK, MessageBoxIcon.Error);

        }

        else if (tbPoliceID.Text == pid.ToString())

        {

            MessageBox.Show("You Can't Delete Your Account, Please Contact A
Higher Official To Do This", "Alert", MessageBoxButtons.OK, MessageBoxIcon.Error);

        }

        else

        {

            string sql1 = "SELECT * FROM AdminTable WHERE PoliceID = '" +
tbPoliceID.Text + "'";


            con.Open();


            com = new SqlCommand(sql1, con);

            dr = com.ExecuteReader();


            if (dr.Read())

            {


                tbPoliceID.Enabled = false;

                tbfname.Enabled = true;

                tbsname.Enabled = true;

                tbusername.Enabled = true;
```

```
                tbPosition.Enabled = true;


                tbfname.Text = dr["FirstName"].ToString();

                tbsname.Text = dr["SecondName"].ToString();

                tbusername.Text = dr["Username"].ToString();

                tbPosition.Text = dr["Position"].ToString();


                con.Close();


                DialogResult result = MessageBox.Show("Are You Sure To Delete This
User?", "Verification", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
                if (result == DialogResult.Yes)
                {
                    string sql2 = "DELETE FROM AdminTable WHERE PoliceID = '" +
tbPoliceID.Text + "'";


                    con.Open();


                    com = new SqlCommand(sql2, con);
                    com.ExecuteNonQuery();


                    con.Close();
                    resetall();
                    resetlist();
                }
                else
                {
                    resetall();
                }
            }
            else
            {
                MessageBox.Show("Record Doesn't Exist");
            }

        }
```

```csharp
        }


        private void btnReset_Click(object sender, EventArgs e)

        {

            resetall();

        }


        private void btnSearch_Click(object sender, EventArgs e)

        {

            if (tbSearch.Text != "")

            {

                int policeid = int.Parse(tbSearch.Text);


                string sql = "SELECT * FROM AdminTable WHERE PoliceID = '" + policeid
+ "'";

                con.Open();


                com = new SqlCommand(sql, con);

                dr = com.ExecuteReader();


                if (dr.Read())

                {

                    label15.Visible = true;

                    label14.Visible = true;

                    tbAdded.Visible = true;

                    tbPoliceID.Enabled = false;

                    tbfname.Enabled = false;

                    tbsname.Enabled = false;

                    tbusername.Enabled = false;

                    tbPosition.Enabled = false;


                    tbPoliceID.Text = dr["PoliceID"].ToString();

                    tbfname.Text = dr["FirstName"].ToString();

                    tbsname.Text = dr["SecondName"].ToString();

                    tbusername.Text = dr["Username"].ToString();
```

```csharp
                    tbPosition.Text = dr["Position"].ToString();

                    tbAdded.Text = dr["AddedBy"].ToString();

                }

                else

                {

                    MessageBox.Show("Record Not Found");

                }


                con.Close();

            }

            else

            {

                MessageBox.Show("Enter A Police ID To Search");

            }

        }



        private void btnSave_Click(object sender, EventArgs e)

        {

            if (status == "add")

            {

                if (tbfname.Text != "" && tbPoliceID.Text != "" && tbsname.Text != ""
&& tbusername.Text != "" && tbPassword.Text != "" && tbPosition.Text != "")

                {

                    string sql2 = "SELECT * FROM AdminTable WHERE Username = '" +
tbusername.Text + "'";


                    con.Open();


                    com = new SqlCommand(sql2, con);

                    dr = com.ExecuteReader();


                    if (dr.Read())

                    {

                        MessageBox.Show("Username Already Exist");

                        tbusername.Text = "";
```

```csharp
                }
                else
                {
                    DialogResult result = MessageBox.Show("Are You Sure To Create
This New User", "Alert", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

                    if (result == DialogResult.Yes)
                    {
                        con.Close();
                        con.Open();


                        String date = DateTime.Now.ToShortDateString();


                        string sql = @"INSERT INTO AdminTable
(PoliceID,FirstName,SecondName,Username,Password,Position,AddedBy,Date) VALUES ('" +
int.Parse(tbPoliceID.Text) + "','" + tbfname.Text + "','" + tbsname.Text + "','" +
tbusername.Text + "','" + tbPassword.Text + "','" + tbPosition.Text + "','" + pid +
"','" + date + "')";
                        com = new SqlCommand(sql, con);
                        com.ExecuteNonQuery();
                        MessageBox.Show("User Created Successfully");
                        resetall();
                        con.Close();
                        resetlist();
                        resetall();



                        con.Close();
                    }
                }


                con.Close();
            }
            else
            {
            MessageBox.Show("Fill All The Records And Continue");
            }
```

```
            }
        else if (status == "edit")
        {
            if (tbPosition.Text != "")
            {
                DialogResult result2 = MessageBox.Show("Are You Sure To Edit This
User", "Alert", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
                if (result2 == DialogResult.Yes)
                {
                    String date = DateTime.Now.ToShortDateString();


                    string sql2 = "UPDATE AdminTable SET Position = '" +
tbPosition.Text + "',Date = '" + date + "',AddedBy = '" + pid + "' WHERE PoliceID = '"
+ tbPoliceID.Text + "' ";


                    con.Open();


                    com = new SqlCommand(sql2, con);
                    com.ExecuteNonQuery();
                    MessageBox.Show("User Updated Successfully");
                    resetall();
                    con.Close();
                    resetlist();


                    con.Close();


                }
            }
        }
        else
        {
            MessageBox.Show("Nothing Was Changed To Save", "Alert",
MessageBoxButtons.OK, MessageBoxIcon.Information);
        }
    }
```

```csharp
private void listView1_SelectedIndexChanged(object sender, EventArgs e)
{
    try
    {
        if(listView1.SelectedItems.Count > 0)
        {
            resetall();
            label15.Visible = true;
            label14.Visible = true;
            tbAdded.Visible = true;
            label16.Visible = true;
            label17.Visible = true;
            tbDate.Visible = true;
            tbPoliceID.Enabled = false;

            ListViewItem srerocord = listView1.SelectedItems[0];
            tbPoliceID.Text = srerocord.SubItems[0].Text;
            tbfname.Text = srerocord.SubItems[1].Text;
            tbsname.Text = srerocord.SubItems[2].Text;
            tbusername.Text = srerocord.SubItems[3].Text;
            tbPosition.Text = srerocord.SubItems[4].Text;
            tbAdded.Text = srerocord.SubItems[5].Text;
            tbDate.Text = srerocord.SubItems[6].Text;
        }
    }
    catch (Exception er)
    {
        MessageBox.Show(er.Message);
    }
}


private void btnExit_Click(object sender, EventArgs e)
{
    Application.Exit();
}
```
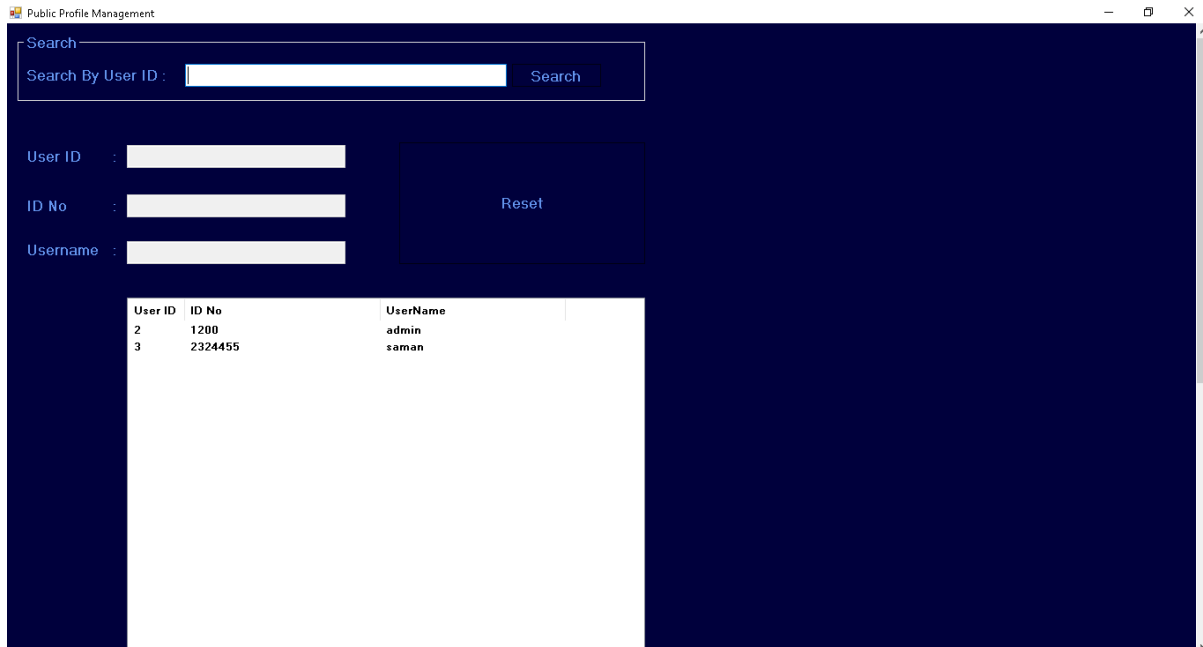
```csharp
        private void button5_Click(object sender, EventArgs e)
        {
            this.Hide();
            MenuAdmin menu = new MenuAdmin(pid);
            menu.Show();
        }
    }
}
```

9.Public Profile Management

Source Code:

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

namespace Drugs_Preventing_Administor_App
{
    public partial class PublicProfileManagement : Form
    {
        int pid;

        public PublicProfileManagement(int pid2)
        {
            pid = pid2;
            InitializeComponent();
        }

        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;
        DataSet ds;
```

```csharp
        private void PublicProfileManagement_Load(object sender, EventArgs e)
        {
            con.Open();

            string sql = "SELECT * FROM UserTbl";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();

            listView1.Items.Clear();

            while (dr.Read())
            {
                ListViewItem table = new ListViewItem(dr["UserID"].ToString());
                table.SubItems.Add(dr["IDNo"].ToString());
                table.SubItems.Add(dr["UserName"].ToString());

                listView1.Items.Add(table);

            }

            con.Close();
        }

        private void btnSearch_Click(object sender, EventArgs e)
        {
            if (tbSearch.Text != "")
            {

                string sql = "SELECT * FROM UserTbl WHERE UserID = '" +
int.Parse(tbSearch.Text) + "'";
                con.Open();

                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                if (dr.Read())
                {

                    tbUserID.Text = dr["UserID"].ToString();
                    tbIDNo.Text = dr["IDNo"].ToString();
                    tbUsername.Text = dr["UserName"].ToString();

                }
                else
                {
                    MessageBox.Show("Record Not Found");
                }

                con.Close();
            }
            else
            {
                MessageBox.Show("Enter A Police ID To Search");
            }
        }

        private void btnReset_Click(object sender, EventArgs e)
        {
            tbSearch.Text = "";
            tbUserID.Text = "";
            tbUsername.Text = "";
            tbIDNo.Text = "";
```

```csharp
        }

        private void btnExit_Click(object sender, EventArgs e)
        {
            Application.Exit();

        }

        private void button5_Click(object sender, EventArgs e)
        {
            this.Hide();
            MenuAdmin menu = new MenuAdmin(pid);
            menu.Show();
        }

        private void listView1_SelectedIndexChanged(object sender, EventArgs e)
        {
            try
            {
                if (listView1.SelectedItems.Count > 0)
                {

                    ListViewItem srerocord = listView1.SelectedItems[0];
                    tbUserID.Text = srerocord.SubItems[0].Text;
                    tbIDNo.Text = srerocord.SubItems[1].Text;
                    tbUsername.Text = srerocord.SubItems[2].Text;

                }
            }
            catch (Exception er)
            {
                MessageBox.Show(er.Message);
            }
        }
    }
}
```
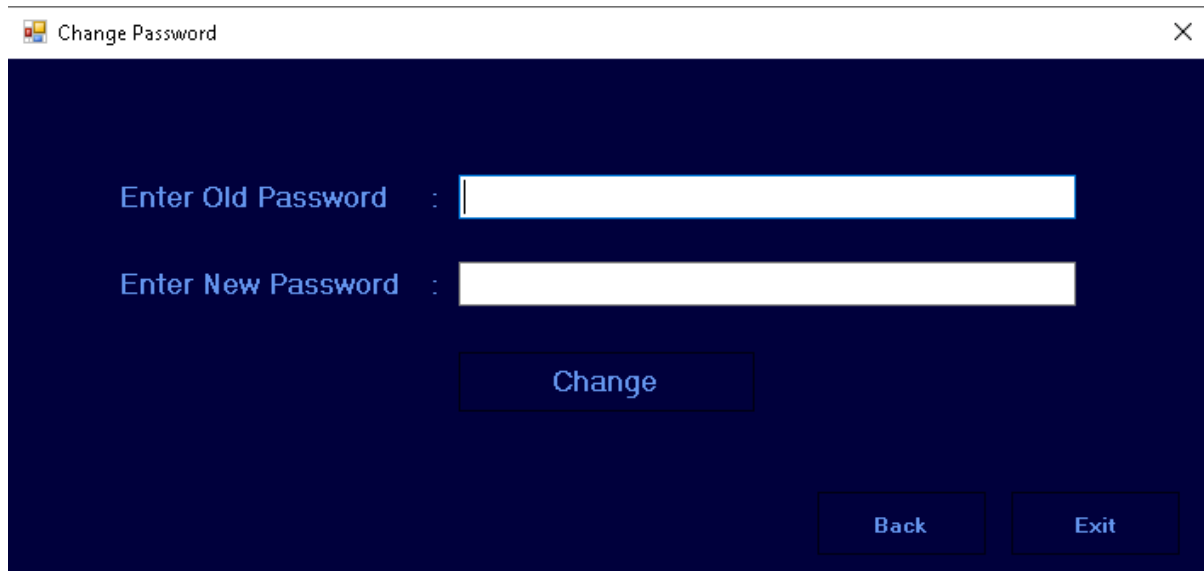
10.Change Password

Source Code:

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

namespace Drugs_Preventing_Administor_App
{
    public partial class ChangePassword : Form
    {
        int pid;

        public ChangePassword(int pid2)
        {
            pid = pid2;
            InitializeComponent();

        }
        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-
S0O97TN\ZAHEERSQL;Initial Catalog=DrugPreventingApp;Integrated Security=True");
        SqlCommand com;
        SqlDataReader dr;
        DataSet ds;

        private void button1_Click(object sender, EventArgs e)
        {
```

```csharp
            if(textBox1.Text == "")
            {
                MessageBox.Show("Enter Your Old Password");

            }
            else if (textBox2.Text == "")
            {
                MessageBox.Show("Enter A New Password To Change");
            }
            else
            {
                con.Open();
                string sql = "SELECT * FROM AdminTable WHERE PoliceID = '" + pid +
"'";

                com = new SqlCommand(sql, con);
                dr = com.ExecuteReader();

                if (dr.Read())
                {
                    string oldp = dr["Password"].ToString();

                    if (textBox1.Text == oldp)
                    {
                        con.Close();

                        DialogResult dialogResult = MessageBox.Show("Are You Sure To
Chnage Your Password", "Alert", MessageBoxButtons.YesNo, MessageBoxIcon.Error);

                        if (dialogResult == DialogResult.Yes)
                        {
                            con.Open();

                            string sql2 = "UPDATE AdminTable SET Password = '" +
textBox2.Text + "'";

                            com = new SqlCommand(sql2, con);
                            com.ExecuteNonQuery();
                            MessageBox.Show("Password Updated Successfully");
                            textBox1.Text = "";
                            textBox2.Text = "";

                            con.Close();
                        }

                    }
                    else
                    {
                        MessageBox.Show("Old Password Is Incorrect");
                        textBox1.Text = "";
                        textBox2.Text = "";
                    }
                }

                con.Close();
            }

        }

        private void ChangePassword_Load(object sender, EventArgs e)
        {

        }
```

```csharp
        private void btnBack_Click(object sender, EventArgs e)
        {
            this.Hide();
            con.Open();
            string sql = "SELECT * FROM AdminTable WHERE PoliceID = '" + pid + "'";
            com = new SqlCommand(sql, con);
            dr = com.ExecuteReader();
            if (dr.Read())
            {
                string post = dr["Position"].ToString();
                con.Close();
                if (post == "DIG")
                {
                    this.Hide();
                    MenuAdmin menuAdmin = new MenuAdmin(pid);
                    menuAdmin.Show();
                }
                else if (post == "Constable")
                {
                    this.Hide();
                    MenuUser menuUser = new MenuUser(pid);
                    menuUser.Show();
                }
                else
                {
                    this.Hide();
                    MenuUser menuUser = new MenuUser(pid);
                    menuUser.Show();
                }
            }
        }

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

9.Integeration & Testing

Every single functions of the system are tested individually and all the detected errors are fixed and tested again until the error is fixed completely.

Drug Preventing App

Use Case Based Testing

Use Case	Test 1	Test 2	Test 3
Login Function	Worked		
Signup Function	Worked		
Complaints Making Function	Not Worked	Worked	
Changing Password Function	Not Worked	Not Worked	Worked
Deleting Account Function	Worked		
Sign-out Function	Worked		

Drug Preventing Administrator App

Use Case Based Testing

Admin:

Use Case	Test 1	Test 2	Test 3
Login Function	Worked	Not Worked	
Filtering Complaints	Not Worked	Worked	
Adding A New User	Not Worked	Worked	
Editing User Data	Worked		
Deleting A User	Worked		
Filtering Public Account Details	Worked		
Changing Password	Worked		
Sign-out Function	Worked		

User:

Use Case	Test 1	Test 2	Test 3
Login Function	Worked	Not Worked	
Filtering Complaints	Not Worked	Worked	
Changing Password	Not Worked	Worked	
Sign-out Function	Worked		

10. Problems Encountered

Even though the process of completing the project planned, there were many unexpected problems that were encountered along the way.

- Code Errors (Bugs)

  Many Bugs were encountered along the way of coding and testing. These issues were mainly related to adding, saving, retrieving data from the database and etc. I was able to identify the bugs by going through the code as I got more familiar with the programming language with the time. I managed to correct many bugs and some bugs are fixed with the help of the internet.

- Time Management Issues

  Even though everything is well planned managing the time is the main issue I faced during this project. Going to school, classes and doing this project is a very hard process. But I reserved more time on this project and managed to finish it on the time.

11.Product Validation

Dangerous Drug Preventing System is a combination of two softwares. And both softwares were developed to meet requirements of the client. Many conversations were held with the client when the developing process is ongoing to ensure everything is meeting requirements of the client.

Final version of the system is shown to the client and verified everything is correct and meets the requirements.

12. Software Future Works

When I was developing the I thought of many ideas on improving the system, but unfortunately my knowledge in this programming language is not up to the level of my imagination. So, I planned to do them in the coming future.

1. The System Should Be Connected with NIC Server and Police Information Server in the Government to make this software safer from spammers.
2. Developing an android version of the software.
3. Adding finger print passwords.
4. Designing the user interface to obtain more information from the public.

13.Conclusion

I have done this software with many efforts and giving the best I can. As this software is connected with public, I felt more responsible when making this software. As I may have made several mistakes, So I am asking to forgive me if there is any error.

The System is now fully functional. And can be implemented to outside world without any fear. I think this system will play huge role preventing dangerous drug from our country. Now I feel I have done something to my country as a citizen by this software.

I am thanking the National Dangerous Drugs Control Board and Esoft to giving me the opportunity to develop a useful system to my country.

14.Resources

- *www.youtube.com*
- *www.wikipedia.com*
- *www.udemi.com*
- *www.youtube.com/c/dtechvideos.com*
- *www.google.com*