

# Customer.cs

The screenshot shows the Microsoft Visual Studio interface with the following details:

- Title Bar:** ListPlane - Microsoft Visual Studio
- Menu Bar:** File, Edit, View, Project, Build, Debug, Team, Tools, Test, Analyze, Window, Help
- Toolbars:** Standard, Debug, Start, Task List, Find, Replace, Status
- Code Editor:** Displays the `Customer.cs` file under the `ListPlane` namespace. The code defines a `Customer` class with properties for CustomerID, CustomerName, Gender, Birthday, PassPortNbr, Nationality, Email, and Avatar, along with constructors for default and parameterized initialization.
- Solution Explorer:** Shows the project structure for `ListPlane`, including `Properties`, `References`, `Resources`, `App.config`, and files like `Login.cs`, `Customer.cs`, `Program.cs`, `Registration.cs`, and `TicketBooking.cs`.
- Properties Explorer:** Available on the right side of the interface.
- Status Bar:** Shows "Ready", "Ln 1", "Col 1", "Ch 1", "INS", "A/C", "Add to Source Control", and system status like "ENG 4:02 PM".

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

Customer.cs [Design] Login.cs [Design]

Server Explorer Toolbox Data Sources Solution Explorer Diagnostic Tools

Search Solution Explorer (Ctrl+F)

Solution Explorer (ListPlane)

- Properties
- References
- Resources
- App.config
- Customer.cs
- Login.cs
- Login.Designer.cs
- Login.resx
- Program.cs
- Registration.cs
- TicketBooking.cs

Customer.cs

```
27     public Customer(string CustomerID, string CustomerName, Sex Gender, DateTime Birthday, string PassPortNbr, string Nationality, string Email, Image Avatar)
28     {
29         this.CustomerID = CustomerID;
30         this.CustomerName = CustomerName;
31         this.Gender = Gender;
32         this.Birthday = Birthday;
33         this.PassPortNbr= PassPortNbr;
34         this.Nationality = Nationality;
35         this.Email = Email;
36         this.Avatar = Avatar;
37     }
38 }
39
40 public class User
41 {
42     public string UserName { get; set; }
43     public string Password { get; set; }
44     public string CustomerID { get; set; }
45     public User()
46     {
47         UserName = "Not Assigned";
48     }
49     public User(string UserName, string Password, string CustomerID)
50     {
51         this.UserName = UserName;
52         this.Password = Password;
53         this.CustomerID = CustomerID;
54     }
55 }
56 public class Flight
57 {
58     public string FlightID { get; set; }
59     public string TimeDepart { get; set; }
60     public string TimeArrival { get; set; }
61     public string FlightType { get; set; }
}
```

Output

Show output from: Debug

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.
```

C# Interactive (64-bit) Error List Output

Ln 1 Col 1 Ch 1 INS A/C Add to Source Control

Ready

4:03 PM

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

Customer.cs [Design] Login.cs [Design]

Server Explorer Toolbox Data Sources Solution Explorer Diagnostic Tools

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)  
ListPlane  
Properties References Resources App.config  
Customer.cs  
Login.cs  
Login.Designer.cs Login.resx  
Program.cs Registration.cs TicketBooking.cs

Solution Explorer Team Explorer

Properties

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols.

C# Interactive (64-bit) Error List Output

Ready

Ln 1 Col 1 Ch 1 INS

Add to Source Control A/C

Windows Taskbar: File Explorer, Task View, Start, Taskbar Icons, Taskbar Buttons, Taskbar Notifications, Taskbar Icons, Taskbar Buttons, Taskbar Notifications.

```
56     public class Flight
57     {
58         public string FlightID { get; set; }
59         public string TimeDepart { get; set; }
60         public string TimeArrival { get; set; }
61         public string FlightType { get; set; }
62
63         public Flight()
64         {
65             FlightID = "Not Assigned";
66         }
67         public Flight(string FlightID, string TimeDepart, string TimeArrival, string FlightType)
68         {
69             this.FlightID = FlightID;
70             this.TimeDepart = TimeDepart;
71             this.TimeArrival = TimeArrival;
72             this.FlightType = FlightType;
73         }
74     }
75     public class FlightRegistration
76     {
77         public string CustomerID { get; set; }
78         public List<Flight> FlightEnrolList;
79
80         public FlightRegistration()
81         {
82             CustomerID = "Not Assigned";
83             FlightEnrolList = new List<Flight>();
84         }
85         public FlightRegistration(string CustomerID)
86         {
87             this.CustomerID = CustomerID;
88             FlightEnrolList = new List<Flight>();
89         }
90     }

```

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Customer.cs X

ListPlane

```
59     public string TimeDepart { get; set; }
60     public string TimeArrival { get; set; }
61     public string FlightType { get; set; }
62
63     public Flight()
64     {
65         FlightID = "Not Assigned";
66     }
67     public Flight(string FlightID, string TimeDepart, string TimeArrival, string FlightType)
68     {
69         this.FlightID = FlightID;
70         this.TimeDepart = TimeDepart;
71         this.TimeArrival = TimeArrival;
72         this.FlightType = FlightType;
73     }
74 }
75 public class FlightRegistration
76 {
77     public string CustomerID { get; set; }
78     public List<Flight> FlightEnrollist;
79
80     public FlightRegistration()
81     {
82         CustomerID = "Not Assigned";
83         FlightEnrollist = new List<Flight>();
84     }
85     public FlightRegistration(string CustomerID)
86     {
87         this.CustomerID = CustomerID;
88         FlightEnrollist = new List<Flight>();
89     }
90 }
91 }
92 }
```

91 %

Output

Show output from: Debug

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.
```

Ln 1 Col 1 Ch 1 INS A/C Add to Source Control

Ready

File Explorer Task List Solution Explorer Properties

Server Explorer Toolbox Data Sources

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
  - App.config
  - Customer.cs
  - Login.cs
    - Login.Designer.cs
    - Login.resx
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Diagnostic Tools

Solution Explorer Team Explorer

C# Interactive (64-bit) Error List Output

ENG 4:03 PM

# Login.cs

The screenshot shows the Microsoft Visual Studio interface with the following details:

- Title Bar:** ListPlane - Microsoft Visual Studio
- Menu Bar:** File, Edit, View, Project, Build, Debug, Team, Tools, Test, Analyze, Window, Help
- Toolbars:** Standard, Debug, Start, Task List, Find, Replace, Status
- Code Editor:** The main window displays the `Login.cs` file content. The code defines a `Login` class that inherits from `Form`. It includes fields for `CustomerList`, `UserList`, `FlightList`, `FlightRegList`, `startupPath`, and `ResetLogin`. The constructor initializes the component and sets `OriginalFrom` to `this`.

```
1  using System;
2  using System.Collections.Generic;
3  using System.ComponentModel;
4  using System.Data;
5  using System.Drawing;
6  using System.Linq;
7  using System.Text;
8  using System.Threading.Tasks;
9  using System.Windows.Forms;
10 using System.IO;
11
12 namespace ListPlane
13 {
14     public partial class Login : Form
15     {
16         public static Login OriginalFrom;
17         public List<Customer> CustomerList;
18         public List<User> UserList;
19         public List<Flight> FlightList;
20         public List<FlightRegistration> FlightRegList;
21         public string startupPath;
22         public bool ResetLogin;
23         public Login()
24         {
25             InitializeComponent();
26             OriginalFrom = this;
27         }
28     }
29 }
```

- Solution Explorer:** Shows the project structure for 'ListPlane' with files like `Customer.cs`, `Program.cs`, `Registration.cs`, and `TicketBooking.cs`.
- Properties:** A panel showing file properties.
- Output:** A window displaying build logs for 'ListPlane.exe'.
- Task List:** A window showing the current tasks in the project.
- Find & Replace:** A window for searching and replacing text.
- Status Bar:** Ready, Ln 1, Col 1, Ch 1, INS, A/C, Add to Source Control, ENG, 3:59 PM

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

Login.cs [Design] Login.cs [Design]

Server Explorer Toolbox Data Sources

Search Solution Diagnostic Tools

ListPlane

```
23 public Login()
24 {
25     InitializeComponent();
26     OriginalFrom= this;
27     startupPath = Directory.GetParent(Directory.GetCurrentDirectory()).Parent.FullName;
28
29     CustomerList = new List<Customer>();
30     CustomerList.Add(new Customer("ST01", "Admin", Sex.Male, DateTime.Now, "0123456789", "Viet Nam", "admin@gmail.com", Image.FromFile(startupPath + "\\Resources\\Xuka.jpg")));
31
32     UserList= new List<User>();
33     UserList.Add(new User("Admin", "123456789", "ST001"));
34
35     FlightList = new List<Flight>();
36     FlightList.Add(new Flight("VNF001", "11:00pm", "2:00am", "BamBoo Airline"));
37     FlightList.Add(new Flight("VNF002", "3:00am", "5:00am", "Vietnam Airline"));
38     FlightList.Add(new Flight("VNF003", "7:00am", "7:45am", "Vietjet Air"));
39     FlightList.Add(new Flight("VNF004", "11:00am", "12:30pm", "HongKong Airline"));
40
41     FlightRegList = new List<FlightRegistration>();
42     ResetLogin= true;
43 }
44
45 private void btnLogin_Click(object sender, EventArgs e)
46 {
47     if(txtUserName.Text.Length == 0)
48     {
49         MessageBox.Show("Hãy nhập lại tên đăng nhập", "Tên đăng nhập bị lỗi", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
50         txtUserName.Focus();
51         return;
52     }
53     if(txtPassword.Text.Length == 0)
54     {
55         MessageBox.Show("Hãy nhập lại tên đăng nhập", "Mật khẩu bị lỗi", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
56         txtPassword.Focus();
57         return;
58 }
```

91 %

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized and the debugger optimization is enabled.
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols. Module is optimized and the debugger optimization is enabled.

C# Interactive (64-bit) Error List Output

Ready

Ln 44 Col 9 Ch 9 INS A/C ^ Add to Source Control

4:00 PM

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

Login.cs [Design] Login.cs [Design]

Server Explorer Toolbox Data Sources

Search Solution

Diagnostic Tools

btnLogin\_Click(object sender, EventArgs e)

```
44 private void btnLogin_Click(object sender, EventArgs e)
45 {
46     if(txtUserName.Text.Length == 0)
47     {
48         MessageBox.Show("Hãy nhập lại tên đăng nhập", "Tên đăng nhập bị lỗi", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
49         txtUserName.Focus();
50         return;
51     }
52     if(txtPassword.Text.Length == 0)
53     {
54         MessageBox.Show("Hãy nhập lại tên đăng nhập", "Mật khẩu bị lỗi", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
55         txtPassword.Focus();
56         return;
57     }
58     User SpecificOne = UserList.Find(x => (x.UserName == txtUserName.Text) && (x.Password == txtPassword.Text));
59     if(SpecificOne == null )
60     {
61         MessageBox.Show("Tên đăng nhập hoặc mật khẩu không đúng. \nHãy nhập lại hoặc tạo tài khoản mới","Tài khoản không có", MessageBoxButtons.OK,MessageBoxIcon.Exclamation);
62         txtUserName.Text = "";
63         txtPassword.Text = "";
64         txtUserName.Focus();
65     }
66     TicketBooking obj = new TicketBooking();
67     User currentUser = UserList.Find(x => (x.UserName == txtUserName.Text &&(x.Password == txtPassword.Text)));
68     obj.SetCurrentUser(currentUser);
69     this.Hide();
70     obj.Show();
71 }
72
73 private void btnCancel_Click(object sender, EventArgs e)
74 {
75     System.Environment.Exit(0);
76 }
```

91 %

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized and the debugger optimization was enabled.
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols. Module is optimized and the debugger optimization was enabled.

C# Interactive (64-bit) Error List Output

Ready

Ln 44 Col 9 Ch 9 INS

Add to Source Control A/C 4:01 PM

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

Login.cs [Design] Diagnostic Tools

Server Explorer Toolbox Data Sources

btnLogin\_Click(object sender, EventArgs e)

```
71     obj.Show();  
72 }  
73  
74 private void btnCancel_Click(object sender, EventArgs e)  
75 {  
76     System.Environment.Exit(0);  
77 }  
78  
79 private void linkLabel_Click(object sender, EventArgs e)  
80 {  
81     Registration obj = new Registration();  
82     this.Hide();  
83     obj.Show();  
84 }  
85  
86 private void Login_VisibleChanged(object sender, EventArgs e)  
87 {  
88     if(ResetLogin == true)  
89     {  
90         txtUserName.Text = "";  
91         txtPassword.Text = "";  
92     }  
93 }  
94  
95 private void label1_Click(object sender, EventArgs e)  
96 {  
97 }  
98 }  
99  
100 }  
101 }
```

91 % Output

Show output from: Debug

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized and the debugger optimization was enabled.  
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System.Drawing\v4.0_4.0.0.0__b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols. Module is optimized and the debugger optimization was enabled.
```

C# Interactive (64-bit) Error List Output

Ready Ln 44 Col 9 Ch 9 INS Add to Source Control

A/C

# Registration.cs

The screenshot shows the Microsoft Visual Studio interface with the following details:

- Title Bar:** ListPlane - Microsoft Visual Studio
- Menu Bar:** File, Edit, View, Project, Build, Debug, Team, Tools, Test, Analyze, Window, Help
- Toolbars:** Standard, Debug, Start, Task List, Solution Explorer, Properties, Error List, Output.
- Code Editor:** The active file is Registration.cs, located in the ListPlane project. The code implements a partial class Registration that inherits from Form. It includes methods for initializing components and handling a file selection dialog to set an avatar path.
- Solution Explorer:** Shows the project structure with files like App.config, Customer.cs, Login.cs, Program.cs, Registration.cs, and TicketBooking.cs.
- Properties:** Shows the properties for the selected file.
- Output:** Displays build logs and error messages.
- Task List:** Shows the current tasks in the project.
- Error List:** Shows any errors or warnings.
- Status Bar:** Ready, Ln 11, Col 1, Ch 1, INS, A/C, ENG, 4:04 PM.

```
1  using System;
2  using System.Collections.Generic;
3  using System.ComponentModel;
4  using System.Data;
5  using System.Drawing;
6  using System.IO;
7  using System.Linq;
8  using System.Text;
9  using System.Threading.Tasks;
10 using System.Windows.Forms;
11
12 namespace ListPlane
13 {
14     public partial class Registration : Form
15     {
16         string startupPath;
17         string AvatarPath;
18         Login ParentForm;
19         public Registration()
20         {
21             InitializeComponent();
22             startupPath = Login.OriginalFrom.startupPath;
23             ParentForm = Login.OriginalFrom;
24         }
25
26         private void btnBrowser_Click(object sender, EventArgs e)
27         {
28             openFileDialog.Title = "Tim ảnh đại diện";
29             openFileDialog.Filter = "JPG files (*.jpg";
30             openFileDialog.InitialDirectory = startupPath;
31
32             if (openFileDialog.ShowDialog() == DialogResult.OK)
33             {
34                 AvatarPath = openFileDialog.FileName;
35                 picAvatar.Image = Image.FromFile(AvatarPath);
36             }
37         }
38     }
39 }
```

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Server Explorer Toolbox Data Sources

Registration.cs

```
26  private void btnBrowser_Click(object sender, EventArgs e)
27  {
28      openFileDialog.Title = "Tim ảnh đại diện";
29      openFileDialog.Filter = "JPG files (*.jpg";
30      openFileDialog.InitialDirectory = startupPath;
31
32      if (openFileDialog.ShowDialog() == DialogResult.OK)
33      {
34          AvatarPath = openFileDialog.FileName;
35          picAvatar.Image = Image.FromFile(AvatarPath);
36
37          startupPath = Path.GetDirectoryName(AvatarPath);
38          picAvatar.SizeMode = PictureBoxSizeMode.StretchImage;
39      }
40  }
41
42
43  private void btnClose_Click(object sender, EventArgs e)
44  {
45      this.Close();
46      ParentForm.Show();
47  }
48
49  private void btnRemove_Click(object sender, EventArgs e)
50  {
51      ComponentResourceManager resources = new ComponentResourceManager(typeof(Registration));
52      picAvatar.Image = ((System.Drawing.Image)(resources.GetObject("picAvatar.Image")));
53      picAvatar.SizeMode = PictureBoxSizeMode.StretchImage;
54  }
55
56  private void btnCreate_Click(object sender, EventArgs e)
57  {
58      User obj = new User();
59      Customer objcustomer = new Customer();
60      if (txtCustomerID.Text.Trim().Length==0)
```

91 %

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols.

C# Interactive (64-bit) Error List Output

Ready Ln 11 Col 1 Ch 1 INS A/C Add to Source Control

Quick Launch (Ctrl+Q) Sign in

Solution Explorer

Diagnostic Tools

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
  - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Solution Explorer Team Explorer

Properties

Output

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Debug Any CPU Start

Server Explorer Toolbox Data Sources

Registration.cs

```
55
56     private void btnCreate_Click(object sender, EventArgs e)
57     {
58         User obj = new User();
59         Customer objcustomer = new Customer();
60         if(txtCustomerID.Text.Trim().Length==0)
61         {
62             MessageBox.Show("Mã khách hàng không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
63             return;
64         }
65         if (txtCustomerName.Text.Trim() == 0)
66         {
67             MessageBox.Show("Họ và tên không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
68             return;
69         }
70         if (txtNationality.Text.Trim() == 0)
71         {
72             MessageBox.Show("Quốc tịch không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
73             return;
74         }
75         if (txtPassPortNb.Text.Trim() == 0)
76         {
77             MessageBox.Show("Số PassPort không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
78             return;
79         }
80         if (txtEmail.Text.Trim() == 0)
81         {
82             MessageBox.Show("Email không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
83             return;
84         }
85         if (txtUserID.Text.Trim() == 0)
86         {
87             MessageBox.Show("Tên đăng nhập không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
88             return;
89     }
```

91 %

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols.

C# Interactive (64-bit) Error List Output

Ln 11 Col 1 Ch 1 INS A/C Add to Source Control

Ready

Quick Launch (Ctrl+Q) Sign in

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
  - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Diagnostic Tools

Solution Explorer Team Explorer

Properties

Windows Taskbar

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Debug Any CPU Start

Server Explorer Toolbox Data Sources

Registration.cs

```
80     if (txtEmail.Text.Trim().Length == 0)
81     {
82         MessageBox.Show("Email không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
83         return;
84     }
85     if (txtUserID.Text.Trim().Length == 0)
86     {
87         MessageBox.Show("Tên đăng nhập không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
88         return;
89     }
90     if (txtPassword.Text.Trim().Length == 0)
91     {
92         MessageBox.Show("Mật khẩu không được để trống", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
93         return;
94     }
95     if (txtPassword.Text != txtPasswordConfirm.Text)
96     {
97         MessageBox.Show("Mật khẩu không khớp", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
98         return;
99     }
100    User SpecificOne = ParentForm.UserList.Find(x => (x.UserName == txtUserID.Text) && (x.Password == txtPassword.Text));
101    if( SpecificOne != null)
102    {
103        MessageBox.Show("Tên đăng nhập không tồn", "Lỗi cú pháp", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
104        return;
105    }
106    obj.UserName = txtUserID.Text;
107    obj.Password = txtPassword.Text;
108    obj.CustomerID = txtCustomerID.Text;
109
110    objcustomer.CustomerID = txtCustomerID.Text;
111    objcustomer.CustomerName = txtCustomerName.Text;
112    objcustomer.Email = txtEmail.Text;
113    objcustomer.Birthday = dtBirthday.Value;
114    objcustomer.Gender = (rdMale.Checked == true) ? Sex.Male : Sex.Female;
```

91 %

Output

Show output from: Debug

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.
```

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System.Drawing\v4.0_4.0.0.0__b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols.
```

C# Interactive (64-bit) Error List Output

Ln 11 Col 1 Ch 1 INS

A/C

Add to Source Control

Ready

Quick Launch (Ctrl+Q)

Sign in

Solution Explorer

Diagnostic Tools

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
  - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Solution Explorer Team Explorer

Properties

Windows Taskbar

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Any CPU Start

Server Explorer Toolbox Data Sources

Registration.cs

```
106     obj.UserName = txtUserID.Text;
107     obj.Password = txtPassword.Text;
108     obj.CustomerID = txtCustomerID.Text;
109
110     objcustomer.CustomerID = txtCustomerID.Text;
111     objcustomer.CustomerName = txtCustomerName.Text;
112     objcustomer.Email = txtEmail.Text;
113     objcustomer.Birthday = dtBirthday.Value;
114     objcustomer.Gender = (rdMale.Checked == true) ? Sex.Male : Sex.Female;
115     objcustomer.Nationality = txtNationality.Text;
116     objcustomer.PassPortNbr = txtPassPortNb.Text;
117     objcustomer.Avatar = picAvatar.Image;
118
119     ParentForm.UserList.Add(obj);
120     ParentForm.CustomerList.Add(objcustomer);
121
122     MessageBox.Show("Tài khoản đã được tạo thành công", "Tài khoản đã tạo", MessageBoxButtons.OK, MessageBoxIcon.Information);
123
124 }
125
126 private void btnClear_Click(object sender, EventArgs e)
127 {
128     txtCustomerID.Text = "";
129     txtCustomerName.Text = "";
130     dtBirthday.Value = DateTime.Now;
131     rdMale.Checked = true;
132     rdFemale.Checked = false;
133     txtUserID.Text = "";
134     txtEmail.Text = "";
135     txtPassPortNb.Text = "";
136     txtNationality.Text = "";
137     txtPassword.Text = "";
138     txtPasswordConfirm.Text = "";
139
140     ComponentResourceManager resources = new ComponentResourceManager(typeof(Registration));

```

91 %

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols.

C# Interactive (64-bit) Error List Output

Ready

Ln 11 Col 1 Ch 1 INS A/C Add to Source Control

Quick Launch (Ctrl+Q) Sign in

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
    - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Properties

Add to Source Control

ENG 4:05 PM

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Server Explorer Toolbox Data Sources

Registration.cs

```
126     private void btnClear_Click(object sender, EventArgs e)
127     {
128         txtCustomerID.Text = "";
129         txtCustomerName.Text = "";
130         dtBirthday.Value = DateTime.Now;
131         rdMale.Checked = true;
132         rdFemale.Checked = false;
133         txtUserID.Text = "";
134         txtEmail.Text = "";
135         txtPassPortNb.Text = "";
136         txtNationality.Text = "";
137         txtPassword.Text = "";
138         txtPasswordConfirm.Text = "";
139
140         ComponentResourceManager resources = new ComponentResourceManager(typeof(Registration));
141         picAvatar.Image = ((System.Drawing.Image)(resources.GetObject("picAvatar.Image")));
142         picAvatar.SizeMode = PictureBoxSizeMode.StretchImage;
143     }
144
145     private void label9_Click(object sender, EventArgs e)
146     {
147     }
148
149     private void txtEmail_TextChanged(object sender, EventArgs e)
150     {
151     }
152
153     private void label6_Click(object sender, EventArgs e)
154     {
155     }
156
157     private void Registration_Load(object sender, EventArgs e)
158     {
159     }
160 }
```

91 %

Output

Show output from: Debug

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.
```

Ln 11 Col 1 Ch 1 INS A/C Add to Source Control

C# Interactive (64-bit) Error List Output

Ready

Quick Launch (Ctrl+Q)

Sign in

Solution Explorer

Diagnostic Tools

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
    - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Solution Explorer Team Explorer

Properties

Windows Taskbar:

- File Explorer
- Recycle Bin
- Task View
- Start
- Search
- Taskbar Settings
- Network
- OneDrive
- Power
- Volume
- System
- Help

System tray:

- Network icon
- Volume icon
- Power icon
- Language icon: ENG 4:06 PM

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Server Explorer Toolbox Data Sources

Registration.cs

```
154
155     private void label6_Click(object sender, EventArgs e)
156     {
157     }
158
159     private void Registration_Load(object sender, EventArgs e)
160     {
161     }
162
163     private void label2_Click(object sender, EventArgs e)
164     {
165     }
166
167     private void label3_Click(object sender, EventArgs e)
168     {
169     }
170
171     private void label4_Click(object sender, EventArgs e)
172     {
173     }
174
175     private void label10_Click(object sender, EventArgs e)
176     {
177     }
178
179     private void label15_Click(object sender, EventArgs e)
180     {
181     }
182
183     private void label16_Click(object sender, EventArgs e)
184     {
185     }
186
187     private void label17_Click(object sender, EventArgs e)
188     {
189 }
```

91 %

Output

Show output from: Debug

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.
```

Ln 11 Col 1 Ch 1 INS A/C Add to Source Control

Ready C# Interactive (64-bit) Error List Output

Quick Launch (Ctrl+Q)

Solution Explorer

Diagnostic Tools

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
  - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Properties

Team Explorer

Diagnostic Tools

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Server Explorer Toolbox Data Sources

Registration.cs

```
173 }  
174 }  
175 private void label4_Click(object sender, EventArgs e)  
176 {  
177 }  
178 }  
179 }  
180 private void label10_Click(object sender, EventArgs e)  
181 {  
182 }  
183 }  
184 }  
185 private void label5_Click(object sender, EventArgs e)  
186 {  
187 }  
188 }  
189 }  
190 private void label1_Click(object sender, EventArgs e)  
191 {  
192 }  
193 }  
194 }  
195 private void label7_Click(object sender, EventArgs e)  
196 {  
197 }  
198 }  
199 }  
200 private void label8_Click(object sender, EventArgs e)  
201 {  
202 }  
203 }  
204 }  
205 }  
206 }
```

91 %

Output

Show output from: Debug

```
'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.
```

Quick Launch (Ctrl+Q) Sign in

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
    - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
  - TicketBooking.cs

Diagnostic Tools

Properties

C# Interactive (64-bit) Error List Output

Ln 11 Col 1 Ch 1 INS A/C Add to Source Control

Ready

4:07 PM

# TicketBooking.cs

The screenshot shows the Microsoft Visual Studio interface with the following details:

- Title Bar:** ListPlane - Microsoft Visual Studio
- Menu Bar:** File, Edit, View, Project, Build, Debug, Team, Tools, Test, Analyze, Window, Help
- Toolbars:** Standard, Debugging, Start, Task List, Solution Explorer, Properties, Task List, Output, Error List, Add to Source Control.
- Code Editor:** Displays the `TicketBooking.cs` file under the `ListPlane` namespace. The code initializes a `TicketBooking` form, sets its parent form to `Login`, and populates a list box with flight types. It also handles user and customer settings.
- Solution Explorer:** Shows the project structure for `ListPlane` with files like `Customer.cs`, `Login.cs`, `Program.cs`, `Registration.cs`, and `TicketBooking.cs`.
- Properties:** Shows the properties for the selected file.
- Output:** Shows build output and assembly loading information.
- Task List:** Shows the current tasks in the project.
- Error List:** Shows no errors or warnings.
- Status Bar:** Ready, Ln 10, Col 1, Ch 1, INS, A/C, ENG, 4:07 PM.

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Quick Launch (Ctrl+Q) Sign in

TicketBooking.cs

```
27 }  
28     public void SetCurrentUser(User user)  
29     {  
30         currentUser = user;  
31         currentCustomer = ParentForm.CustomerList.Find(x => (x.CustomerID == currentUser.CustomerID));  
32  
33         idxRegistration = ParentForm.FlightRegList.FindIndex(x => (x.CustomerID == currentCustomer.CustomerID));  
34         if(idxRegistration >= 0)  
35         {  
36             foreach(Flight obj in ParentForm.FlightRegList[idxRegistration].FlightEnrollList)  
37             {  
38                 int idx = lsbTicketList.FindString(obj.FlightType.Trim());  
39                 lsbTicketList.SetSelected(idx, true);  
40             }  
41         }  
42         ShowRegistrationInfo();  
43     }  
44  
45     public string ShowRegistrationInfo()  
46     {  
47         strRegistration = "\tDanh sách đăng ký vé máy bay của khách hàng\n";  
48         strRegistration += "\n-----\n";  
49         strRegistration += String.Format("Mã khách hàng: {0}\nTên Khách Hàng: {1}", currentCustomer.CustomerID, currentCustomer.CustomerName);  
50  
51         Flight obj;  
52         foreach(Object selectedItem in lsbTicketList.SelectedItems)  
53         {  
54             obj = ParentForm.FlightList.Find(x => (x.FlightType == selectedItem.ToString()));  
55             if (obj != null)  
56                 strRegistration += "\n" + obj.FlightID + "\t" + obj.FlightType + " " + obj.TimeDepart + " - " + obj.TimeArrival;  
57         }  
58         rtxtRegistration.Text = strRegistration;  
59         return strRegistration;  
60     }  
61 }
```

91 %

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols.

C# Interactive (64-bit) Error List Output

Ln 10 Col 1 Ch 1 INS A/C Add to Source Control

Ready

File Explorer Task List Solution Explorer Properties Team Explorer

Server Explorer Toolbox Data Sources

Solution Explorer

Search Solution Explorer (Ctrl+F)

Solution 'ListPlane' (1 project)

- ListPlane
  - Properties
  - References
  - Resources
  - App.config
  - Customer.cs
  - Login.cs
  - Program.cs
  - Registration.cs
- TicketBooking.cs

Diagnostic Tools

ListPlane - Microsoft Visual Studio

File Edit View Project Build Debug Team Tools Test Analyze Window Help

Debug Any CPU Start

TicketBooking.cs ListPlane TicketBooking ParentForm

```
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91
```

private void button2\_Click(object sender, EventArgs e)  
{  
 this.Close();  
 ParentForm.ResetLogin = true;  
 ParentForm.Show();  
}  
  
private void btnAdd\_Click(object sender, EventArgs e)  
{  
 if(idxRegistration < 0)  
 {  
 ParentForm.FlightRegList.Add(new FlightRegistration(currentCustomer.CustomerID));  
 idxRegistration = ParentForm.FlightRegList.FindIndex(x => (x.CustomerID == currentCustomer.CustomerID));  
 Flight obj;  
 foreach (Object selectedItem in lsbTicketList.SelectedItems)  
 {  
 obj = ParentForm.FlightList.Find(x => (x.FlightType == selectedItem.ToString()));  
 ParentForm.FlightRegList[idxRegistration].FlightEnrollList.Add(obj);  
 }  
 ShowRegistrationInfo();  
 }  
}  
  
private void btnConfirm\_Click(object sender, EventArgs e)  
{  
 MessageBox.Show(ShowRegistrationInfo(), "Cảm ơn bạn đã sử dụng dịch vụ", MessageBoxButtons.OK, MessageBoxIcon.Information);  
}

91 %

Output

Show output from: Debug

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System\v4.0\_4.0.0.0\_\_b77a5c561934e089\System.dll'. Skipped loading symbols. Module is optimized.

'ListPlane.exe' (CLR v4.0.30319: ListPlane.exe): Loaded 'C:\Windows\Microsoft.NET\assembly\GAC\_MSIL\System.Drawing\v4.0\_4.0.0.0\_\_b03f5f7f11d50a3a\System.Drawing.dll'. Skipped loading symbols.

C# Interactive (64-bit) Error List Output

Ln 10 Col 1 Ch 1 INS A/C Add to Source Control

Ready

Quick Launch (Ctrl+Q) Sign in

Solution Explorer

Search Solution Explorer (Ctrl+) Solution 'ListPlane' (1 project)

ListPlane Properties References Resources App.config Customer.cs Login.cs Program.cs Registration.cs TicketBooking.cs

Properties







