```csharp
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 static SmokeScreen.Modules.Cryptography;
11 using static SmokeScreen.Modules.Common;
12
13 namespace SmokeScreen
14 {
15     public partial class MainForm : Form
16     {
17         private readonly string Username;
18         private readonly string SymmetricKey;
19         private readonly string PublicKey;
20         private readonly Algorithm _Algorithm;
21
22         private readonly AsynchronousClient asyncClient;
23
24         public MainForm(AsynchronousClient _asyncClient, Algorithm algorithm,      ⏎
             string username, string symmetricKey, string publicKey)
25         {
26             InitializeComponent();
27             retrieveFileBox.DataSource = Enum.GetValues(typeof(Files));
28             sendFileBox.DataSource = Enum.GetValues(typeof(Files));
29             _Algorithm = algorithm;
30             Username = username;
31             SymmetricKey = symmetricKey;
32             PublicKey = publicKey;
33             Text = $"SmokeScreen {Username}";
34             asyncClient = _asyncClient;
35             asyncClient.SetLogBox(inBox);
36         }
37
38         private void SendButton_Click(object sender, EventArgs e)
39         {
40             asyncClient.SendMessage(_Algorithm, SymmetricKey, PublicKey,           ⏎
                 outBox.Text);
41         }
42
43         private void LogoutButton_Click(object sender, EventArgs e)
44         {
45             using (AuthForm authForm = new AuthForm())
46             {
47                 Hide();
48                 authForm.ShowDialog();
49                 Close();
50             }
```

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51              }
52
53          private void SendFileBtn_Click(object sender, EventArgs e)
54          {
55              asyncClient.SendFile(_Algorithm, (Files)sendFileBox.SelectedItem,
                    SymmetricKey, PublicKey);
56          }
57
58          private void RetrieveFileBtn_Click(object sender, EventArgs e)
59          {
60              asyncClient.RequestFile(_Algorithm, (Files)
                    retrieveFileBox.SelectedItem, SymmetricKey, PublicKey);
61          }
62      }
63  }
64
```