Login

User — — → UI → Main interface

Login
Error → Clear data

UI   Service

enter into → request →

request password ← OK ←

password → verification →

If the password is correct
ratify ←
succeed ←
enter into →

no pass ←
clear data ←
hint ←

else

##CDLogin interface##

Username CDLCDL

Password ●●●●●●

Prompt

Successful

确定

log in   Pay attention to. An incorrect password entry will clear the data

XAML:

```xaml
<Window x:Class="WpfApp1.MainWindow"
        xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
        xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
        xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
        xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
        xmlns:local="clr-namespace:WpfApp1"
        mc:Ignorable="d"
        Title="##CDLogin interface##" Height="300" Width="600" ShowInTaskbar="True"
Icon="C:\Users\ASUS\Desktop\gu2__001\微信截图_20220911125530.png">
    <Grid>
        <Button Content="log in" HorizontalAlignment="Left" Margin="80,200,0,0"
```

```xml
                    VerticalAlignment="Top" Height="46" Width="130" Click="Button_Click"/>
        <Label Content="Username" HorizontalAlignment="Left" Margin="113,66,0,0"
VerticalAlignment="Top"/>
        <Label Content="Password" HorizontalAlignment="Left" Margin="113,120,0,0"
VerticalAlignment="Top"/>
        <Label Content="Pay attention to. An incorrect password entry will clear the
data" HorizontalAlignment="Center" Margin="210,210,0,0" VerticalAlignment="Top"/>
        <TextBox HorizontalAlignment="Left" Name="CName" Margin="245,70,0,0"
TextWrapping="Wrap" Text="CDLCDL" VerticalAlignment="Top" Width="120"/>
        <PasswordBox HorizontalAlignment="Left" Name="CPwd" Margin="245,0,0,0"
Password="123456" VerticalAlignment="Center" Width="120"/>

    </Grid>
</Window>
```

CS:
```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows;
using System.Windows.Controls;
using System.Windows.Data;
using System.Windows.Documents;
using System.Windows.Input;
using System.Windows.Media;
using System.Windows.Media.Imaging;
using System.Windows.Navigation;
using System.Windows.Shapes;

namespace WpfApp1
{
    /// <summary>
    /// MainWindow.xaml 的交互逻辑
    /// </summary>
    public partial class MainWindow : Window
    {
        public MainWindow()
        {
            InitializeComponent();
        }
```

```csharp
        private void Button_Click(object sender, RoutedEventArgs e)
        {
                string name = CName.Text.Trim();
                string pwd = CPwd.Password.Trim();

                MessageBox.Show("Successful", "Prompt", MessageBoxButton.OK,
MessageBoxImage.Information);
        }
    }
}
```