

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using System.Windows;
7 using System.Windows.Controls;
8 using System.Windows.Data;
9 using System.Windows.Documents;
10 using System.Windows.Input;
11 using System.Windows.Media;
12 using System.Windows.Media.Imaging;
13 using System.Windows.Navigation;
14 using System.Windows.Shapes;
15
16 namespace Motoring
17 {
18     /// <summary>
19     /// Interaction logic for PageLogin.xaml
20     /// </summary>
21     public partial class PageLogin : Page
22     {
23         public PageLogin()
24         {
25             InitializeComponent();
26
27             //-- Call the method to fill credentials
28             FillTempCredentials();
29         }
30
31         /// <summary>
32         /// Validate user if data present
33         /// </summary>
34         /// <param name="sender"></param>
35         /// <param name="e"></param>
36         private void LoginButton_OnClick(object sender, RoutedEventArgs e)
37         {
38             //-- Implement the validation call here
39
40             User myUser = new User();
41
42             //-- Check text box entries
43             if (this.UsernameTextBox.Text != "")
44             {
45                 myUser.Username = this.UsernameTextBox.Text;
46             }
47             else
48             {
49                 MessageBox.Show("You must enter a username");
50                 return;
51             }
52
53
54             if (this.PasswordTextBox.Text != "")
55             {
56                 myUser.Password = this.PasswordTextBox.Text;
```

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57     }
58     else
59     {
60         MessageBox.Show("You must enter a password");
61         return;
62     }
63
64     if (UserDB.ValidateUser(myUser))
65     {
66         //-- navigate to loan page
67         var pageLoan = new PageLoan();
68         this.NavigationService.Navigate(pageLoan);
69     }
70     else
71     {
72         //-- Show a message informing error
73         MessageBox.Show("The credentials are incorrect");
74         return;
75     }
76
77
78 }
79
80 /// <summary>
81 /// Clear the controls
82 /// </summary>
83 /// <param name="sender"></param>
84 /// <param name="e"></param>
85 private void ClearButton_OnClick(object sender, RoutedEventArgs e)
86 {
87     this.UsernameTextBox.Text = "";
88     this.PasswordTextBox.Text = "";
89 }
90
91 /// <summary>
92 /// Temporary data fill for testing
93 /// </summary>
94 private void FillTempCredentials()
95 {
96     this.UsernameTextBox.Text = "Paul";
97     this.PasswordTextBox.Text = "tt5487%";
98 }
99 }
100 }
101
```