```csharp
 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 McKillopMotoring
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              // -- Fill the default data in during development
27              // -- TODO - Remove on final build
28              FillTempCredentials();
29
30          }
31          /// <summary>
32          /// Clear data in form controls
33          /// </summary>
34          /// <param name="sender"></param>
35          /// <param name="e"></param>
36          private void ClearButton_Click(object sender, RoutedEventArgs  ⤸
                e)
37          {
38              this.UsernameTextBox.Text = "";
39              this.PasswordTextBox.Text = "";
40          }
41
42          /// <summary>
43          /// Initialise a User Class object
44          /// Code harvests credentials or reports error if no data  ⤸
                present in the controls
45          /// Assigns credentials to the User object
46          /// Uses UserDB Object to validate the assigned user against  ⤸
                the text file database
47          /// </summary>
48          /// <param name="sender"></param>
49          /// <param name="e"></param>
50          private void LoginButton_Click(object sender, RoutedEventArgs  ⤸
```

```csharp
            e)
51         {
52             User myUser = new User();
53
54             // -- Check username exists and assign if there
55             // -- Else return a message and break
56             if (this.UsernameTextBox.Text != "")
57             {
58                 myUser.Username = this.UsernameTextBox.Text;
59             }
60             else
61             {
62                 MessageBox.Show(messageBoxText: "You must enter a          ⮌
                       username");
63                 return;
64             }
65
66             // -- Check password present
67             if (this.PasswordTextBox.Text != "")
68             {
69                 myUser.Password = this.PasswordTextBox.Text;
70             }
71             else
72             {
73                 MessageBox.Show(messageBoxText: "You must enter a          ⮌
                       password");
74                 return;
75             }
76
77             if (UserDB.ValidateUser(userToValidate: myUser))
78             {
79                 //-- navigate to loan page
80                 var pageLoan = new PageLoan();
81                 this.NavigationService.Navigate(root: pageLoan);
82             }
83             else
84             {
85                 //-- Show a message informing error
86                 MessageBox.Show(messageBoxText: "The credentials are      ⮌
                       incorrect");
87                 return;
88             }
89
90         }
91
92         /// <summary>
93         /// DEBUG remove on final build
94         /// </summary>
95         private void FillTempCredentials()
96         {
97             this.UsernameTextBox.Text = "Paul";
98             this.PasswordTextBox.Text = "tt5487%";
99         }
```