

```
1 using System.Data;
2 using Motoring;
3
4 /* TITLE:      UserDB
5  * AUTHOR:      Paul McKillop
6  * DATE:        October 2022
7  * PURPOSE:     To validate a set of user credentials against our
8                  database
9  */
10 namespace McKillopMotoring
11 {
12     public class UserDB
13     {
14         public static bool ValidateUser(User userToValidate)
15         {
16             //-- tracking value variable
17             bool validated = false;
18
19             string userDatabase = @"D:\users.txt";
20
21             DataTable userData = new DataTable();
22
23             userData = ImportData.GetTextFileData(strFilePath:
24                 userDatabase);
25
26             //-- validate credentials
27             //-- Loop through the DataTable
28             foreach (DataRow row in userData.Rows)
29             {
30                 var currentUser = new User
31                 {
32                     Username = row.Field<string>(columnIndex: 0),
33                     Password = row.Field<string>(columnIndex: 1)
34                 };
35
36                 if (currentUser.Username == userToValidate.Username)
37                 {
38                     if (currentUser.Password == userToValidate.Password)
39                     {
40                         validated = true;
41                         break;
42                     }
43                 }
44             }
45
46             return validated;
47         }
48     }
```