

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Web;
5 using System.Data.OleDb;
6
7 namespace GIP_Smart.Pages
8 {
9     public class LoginClass
10    {
11        connStrings connstring = new connStrings();
12
13        private string username_webpage;
14        private string password_webpage;
15        HashCode hc = new HashCode();
16
17        public string queryGebruiker;
18        public string resultaatGebruiker;
19        public string queryPaswoord;
20        public string resultaatPaswoord;
21
22        public LoginClass(string username_webpage, string password_webpage)
23        {
24            this.username_webpage = username_webpage;
25            this.password_webpage = password_webpage;
26        }
27
28        public int Instruction()
29        {
30            int result = 0;
31
32            string connString = connStrings.connString;
33
34            queryGebruiker = "SELECT Gebruikersnaam FROM login WHERE
35                               Gebruikersnaam='" + this.username_webpage + "' AND
36                               Wachtwoord='" + hc.PassHash(this.password_webpage) + "';";
37            resultaatGebruiker = DisplayData(connString, queryGebruiker);
38
39            queryPaswoord = "SELECT Wachtwoord FROM login WHERE
40                               Wachtwoord='" + hc.PassHash(this.password_webpage) + "';";
41            resultaatPaswoord = DisplayData(connString, queryPaswoord);
42
43            if ((this.username_webpage == resultaatGebruiker) &&
44                (hc.PassHash(this.password_webpage) == resultaatPaswoord))
45            {
46                result = 1;
47            }
48            return result;
49        }
50    }
51 }
```

```
48     static string DisplayData(string connString, string query)
49     {
50         OleDbDataReader reader = null;
51         OleDbConnection connection = new OleDbConnection();
52
53         connection.ConnectionString = connString;
54
55         string data = string.Empty;
56
57         try
58         {
59
60             connection.Open();
61
62             OleDbCommand command = new OleDbCommand();
63             command.Connection = connection;
64             command.CommandText = query;
65
66             reader = command.ExecuteReader();
67
68             if (reader.Read() == true)
69             {
70                 data = Convert.ToString(reader[0]);
71             }
72         }
73         catch (OleDbException error)
74         {
75             Console.WriteLine(error.Message);
76         }
77         finally
78         {
79             connection.Close();
80
81         }
82         return data;
83     }
84 }
85
86 }
```