

```
1 using System;
2 using System.Collections.Generic;
3 using System.Data;
4 using System.Linq;
5 using System.Text;
6 using System.Threading.Tasks;
7
8 namespace DAL
9 {
10     public class FPLFunctions
11     {
12         public static string getByClubID(int ID)
13         {
14             string com = "SELECT * FROM [Clubs] where [ID] = "+ID;
15             DataTable dt = oledbhelper.GetTable(com);
16             string ret = dt.Rows[0].ItemArray[1].ToString();
17             return ret;
18         }
19         public static Dictionary<int, string> getdicOfClubs()
20         {
21             Dictionary<int, string> clubs = new Dictionary<int, string>();
22             string com = "SELECT * FROM [Clubs]";
23             DataTable dt = oledbhelper.GetTable(com);
24             foreach (DataRow dr in dt.Rows)
25             {
26                 clubs.Add(Convert.ToInt32(dr.ItemArray[0].ToString()),
27                             dr.ItemArray[1].ToString());
28             }
29             return clubs;
30         }
31         public static string getByCardID(int ID)
32         {
33             string com = "SELECT * FROM [card] where [CardID] = " + ID;
34             DataTable dt = oledbhelper.GetTable(com);
35             return dt.Rows[0].ItemArray[1].ToString();
36         }
37         public static int getGFHByTeamId(int ID)
38         {
39             string com = "SELECT homes FROM [game] where [hteam] = '" + ID + "'";
40             DataTable dt = oledbhelper.GetTable(com);
41             int total = 0;
42             foreach (DataRow dr in dt.Rows)
43             {
44                 if (dr.ItemArray[0].ToString() != "")
45                 {
46                     total += Convert.ToInt32(dr.ItemArray[0].ToString());
47                 }
48             }
49             return total;
50         }
51         public static int getGFABByTeamId(int ID)
52         {
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52         string com = "SELECT ascore FROM [game] where [ateam] = '" + ID +  
53             """;  
54         DataTable dt = oledbhelper.GetTable(com);  
55         int total = 0;  
56         foreach (DataRow dr in dt.Rows)  
57         {  
58             if (dr.ItemArray[0].ToString() != "")  
59             {  
60                 total += Convert.ToInt32(dr.ItemArray[0].ToString());  
61             }  
62         }  
63         return total;  
64     }  
65     public static int getGAHByTeamId(int ID)  
66     {  
67         string com = "SELECT ascore FROM [game] where [hteam] = '" + ID +  
68             """;  
69         DataTable dt = oledbhelper.GetTable(com);  
70         int total = 0;  
71         foreach (DataRow dr in dt.Rows)  
72         {  
73             if (dr.ItemArray[0].ToString() != "")  
74             {  
75                 total += Convert.ToInt32(dr.ItemArray[0].ToString());  
76             }  
77         }  
78         return total;  
79     }  
80     public static int getGAAByTeamId(int ID)  
81     {  
82         string com = "SELECT homes FROM [game] where [ateam] = '" + ID + """;  
83         DataTable dt = oledbhelper.GetTable(com);  
84         int total = 0;  
85         foreach (DataRow dr in dt.Rows)  
86         {  
87             if (dr.ItemArray[0].ToString() != "")  
88             {  
89                 total += Convert.ToInt32(dr.ItemArray[0].ToString());  
90             }  
91         }  
92         return total;  
93     }  
94     public static int getNumHPlayByTeamId(int ID)  
95     {  
96         string com = "SELECT homes FROM [game] where [hteam] = '" + ID + """;  
97         DataTable dt = oledbhelper.GetTable(com);  
98         int total = 0;  
99         foreach (DataRow dr in dt.Rows)  
100         {  
101             if (dr.ItemArray[0].ToString() != "")  
102             {  
103                 total++;  
104             }  
105         }  
106         return total;  
107     }  
108 }
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102     }
103 }
104     return total;
105 }
106 public static int getNumAPlayByTeamId(int ID)
107 {
108     string com = "SELECT ascore FROM [game] where [ateam] = '" + ID + 
109     """";
110     DataTable dt = oledbhelper.GetTable(com);
111     return dt.Rows.Count;
112 }
113 public static int getallH()
114 {
115     string com = "SELECT homes FROM [game]";
116     DataTable dt = oledbhelper.GetTable(com);
117     int total = 0;
118     foreach (DataRow dr in dt.Rows)
119     {
120         if (dr.ItemArray[0].ToString() != "")
121         {
122             total += Convert.ToInt32(dr.ItemArray[0].ToString());
123         }
124     }
125     return total;
126 }
127 public static int getallA()
128 {
129     string com = "SELECT ascore FROM [game]";
130     DataTable dt = oledbhelper.GetTable(com);
131     int total = 0;
132     foreach (DataRow dr in dt.Rows)
133     {
134         if (dr.ItemArray[0].ToString() != "")
135         {
136             total += Convert.ToInt32(dr.ItemArray[0].ToString());
137         }
138     }
139     return total;
140 }
141 public static int numofgames()
142 {
143     string com = "SELECT ascore FROM [game]";
144     DataTable dt = oledbhelper.GetTable(com);
145     return dt.Rows.Count;
146 }
147 public static void numofplayers()
148 {
149     string com = "SELECT name FROM [Clubs]";
150     DataTable dt = oledbhelper.GetTable(com);
151     foreach (DataRow dr in dt.Rows)
152     {
153         string com2 = "SELECT CardID FROM [card] where [club]= '" +
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        dr.ItemArray[0].ToString()+"'";  
153         DataTable dt2 = oledbhelper.GetTable(com2);  
154  
155  
156         string com3 = "UPDATE [Clubs] Set [Oplayers] = '" +  
            dt2.Rows.Count + "' Where [name] = '"+ dr.ItemArray[0].ToString  
            () + "'";  
157         oledbhelper.Execute(com3);  
158     }  
159 }  
160 }  
161 }  
162
```