

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Web;
5 using System.Web.UI;
6 using System.Web.UI.WebControls;
7 using System.Diagnostics;
8 using DAL;
9 using DAL.apiClases;
10 using gf = DAL.GlobalFunctions;
11 using System.Web.UI.HtmlControls;
12
13 public partial class cardDeck : System.Web.UI.Page
14 {
15     public string carddeck;
16     private List<Card> allCards;
17     private Dictionary<string, clubColour> clbclr;
18     private Dictionary<string, Element> els;
19     protected void Page_Load(object sender, EventArgs e)
20     {
21         //only people logged in can use this page
22         if (Session["username"] == null)
23         {
24             Response.Redirect("~/initPage.aspx");
25         }
26         start();
27         showAll();
28     }
29     public void start()
30     {
31
32         allCards = new List<Card>();
33
34         Debug.WriteLine("starting DB");
35         string ids = cardInv.getAllcardId(Session["username"].ToString());
36         Debug.WriteLine("done DB");
37         Debug.WriteLine("starting DB2");
38         allCards = CardFunctions.getALLByCardId("(" + ids + ")");
39         allCards = allCards.OrderByDescending(o => Convert.ToInt32
40             (o.rating)).ToList();
41
42         List<string> ls = ids.Split(',').ToList();
43
44         els = APICall.getListOfStats(ls);
45
46         clbclr = CardFunctions.getcolours();
47         Debug.WriteLine("done with start");
48
49         bfix.Visible = true;
50         afix.Visible = false;
51     }
```

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52     public void showAll()
53     {
54         List<string[]> li = CardFunctions.getClubsTotal();
55         foreach (string[] Club in li)
56         {
57             HtmlGenericControl all = new HtmlGenericControl("DIV");
58             all.Attributes.Add("class", "bard");
59             //all.Style.Add("background-color", clbclr[Club[0]].scolour); adds ng ↗
                colour to collection items
60             bfix.Controls.Add(all);
61
62             int howmany = count(Club[0]);
63
64             HtmlGenericControl bbox = new HtmlGenericControl("DIV");
65             bbox.Attributes.Add("class", "box");
66             bbox.InnerHtml += gf.createClubPrec(Club, howmany, clbclr[Club[0]]);
67             all.Controls.Add(bbox);
68
69             Button b = new Button();
70             b.Text= (100 * howmany) / Convert.ToInt32(Club[1]) + "%";
71             b.Attributes["club"] = Club[0];
72             b.Attributes.Add("class", "btn btn-primary");
73             b.Attributes.Add("runat", "server");
74             b.Click += clickedonclub;
75             bbox.Controls.Add(b);
76
77         }
78     }
79     public void clickedonclub(object sender, EventArgs e)
80     {
81         string clubname = ((Button)sender).Attributes["club"];
82         carddeck = "";
83         foreach (Card c in allCards)
84         {
85             if (c.club == clubname)
86             {
87                 try
88                 {
89                     carddeck += gf.createCard(c, clbclr[c.club], els ↗
                        [c.id.ToString()]);
90                 }
91                 catch
92                 {
93                     carddeck += gf.createCard(c, clbclr[c.club], new Element());
94                 }
95             }
96         }
97         bfix.Visible = false;
98         afix.Visible = true;
99     }
100     public int count(string name)
101     {

```

```
102         int counter = 0;
103         foreach (Card crd in allCards)
104         {
105             if (crd.club == name)
106                 counter++;
107         }
108         return counter;
109     }
110
111     protected void back_Click(object sender, EventArgs e)
112     {
113         carddeck += " ";
114         bfix.Visible = true;
115         afix.Visible = false;
116     }
117
118 }
```