

```
using CardInfoControl;
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Diagnostics.Eventing.Reader;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace FinalProject_CardDatabase
{
    public partial class frmSearch : Form /// Links list to listbox
    {
        // List to be parallel to listbox
        List<int> intCardID = new List<int>();

        public frmSearch()
        {
            InitializeComponent();
        }

        /// <summary>
        /// Private void to load cards into listbox
        /// </summary>
```

```

private void LoadCards()
{
    // clear out listbox
    lstCards.Items.Clear();

    //Clear out list
    intCardID.Clear();

    // create instance of class
    clsData myData = new clsData();

    myData.SQL = "SELECT ID, CardName,CardNumber,PackSeriesName FROM
tblpokemonCards ORDER BY CardName, CardNumber, PackSeriesName";

    // loop through datatable to get values
    for (int i = 0; i < myData.dt.Rows.Count; i++)
    {
        //add card to listbox

        lstCards.Items.Add(myData.dt.Rows[i]["CardName"].ToString() + " - " +
myData.dt.Rows[i]["CardNumber"].ToString() + " - " +
myData.dt.Rows[i]["PackSeriesName"].ToString());

        // add card id to list
        intCardID.Add(int.Parse(myData.dt.Rows[i]["ID"].ToString()));

        //clear search textbox
        txtSearch.Clear();
    }
}

/// <summary>

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```
/// Loads cards in database to listbox on screen

/// </summary>

/// <param name="sender"></param>

/// <param name="e"></param>

private void frmSearch_Load(object sender, EventArgs e)

{

    LoadCards();// Load Cards to screen

}
```

```
/// <summary>

/// Button to edit an entry to the database and list

/// </summary>

/// <param name="sender"></param>

/// <param name="e"></param>

private void btnEdit_Click(object sender, EventArgs e)

{

    if (lstCards.SelectedIndex > -1)

    {

        //Create instance of the modify form

        frmModify ModifyForm = new frmModify(intCardID[lstCards.SelectedIndex]);

        ModifyForm.ShowDialog(); // show modify form


        //Refresh listbox

        LoadCards();
```

```

    }
}

/// <summary>
/// button to add entry to database and list
/// </summary>
/// <param name="sender"></param>
/// <param name="e"></param>
private void btnAdd_Click(object sender, EventArgs e)
{
    // create instance of the modify form
    frmModify NewCardForm = new frmModify();
    NewCardForm.ShowDialog();
    //refresh listbox
    LoadCards();
}

/// <summary>
/// button to delete entry from database and list
/// </summary>
/// <param name="sender"></param>
/// <param name="e"></param>
private void btnDelete_Click(object sender, EventArgs e)
{
    //verify record was selected.
    if (lstCards.SelectedIndex == -1)
    {
        MessageBox.Show("Please select a record to be deleted.");
    }
    else

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{
    // verify user wants to delete record

    DialogResult res = MessageBox.Show(this, "Are you sure you want to delete " +
lstCards.SelectedItem.ToString() + " ?", "Delete?", MessageBoxButtons.YesNo,
MessageBoxIcon.Question);

    if (res == DialogResult.Yes)
    {
        // Delete record

        //create instance of data class

        clsData DeleteData = new clsData();

        //delete record based on SQL

        DeleteData.DeleteRecord("DELETE * FROM tblpokemonCards WHERE ID = " +
intCardID[lstCards.SelectedIndex]);

        //refresh list box

        LoadCards();

    }

}

}

}

/// <summary>

/// private void sends data from selected list item/database to web browser so card
details can be viewed.

/// </summary>

/// <param name="sender"></param>

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/// <param name="e"></param>

private void btnHtmlAnalytics_Click(object sender, EventArgs e)
{

    if (lstCards.SelectedIndex > -1)
    {
        //Create instance of the modify form

        frmReport CardReport = new frmReport(intCardID[lstCards.SelectedIndex]);

        CardReport.ShowDialog(); // show report form

    }
    else
    {
        // no card selected

        MessageBox.Show("Select a card to view report");

    }

}

/// <summary>

/// search button allows user to type in textbox and search list/database for card based
on card name.

/// </summary>

/// <param name="sender"></param>

/// <param name="e"></param>

private void btnSearch_Click(object sender, EventArgs e)
{

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```
lstCards.SelectedIndex = lstCards.FindString(txtSearch.Text);
```

```
}
```

```
}
```

```
}
```