**Course Project   
DeVry University  
College of Engineering and Information Sciences**

**A screenshot of a computer

Description automatically generated**

***Screenshot of program running:***

***Form code (only the code for the form, not program.cs):***

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 Venegas\_CourseProject\_Part2

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void AddButton\_Click(object sender, EventArgs e)

{

StringBuilder sb = new StringBuilder(outputText.Text);

string nl = "\r\n";

if (string.IsNullOrEmpty(titleText.Text))

{

//Title is blank

MessageBox.Show("The Song Title Can Not Be Blank!");

}

else if (string.IsNullOrEmpty(artistText.Text))

{

//Artist is blank

MessageBox.Show("The Artist Can Not Be Blank!");

}

else if (string.IsNullOrEmpty(genreText.Text))

{

//Genre is blank

MessageBox.Show("The Genre Can Not Be Blank!");

}

else if (string.IsNullOrEmpty(yearText.Text))

{

//year cannot be blank

MessageBox.Show("The Year Can Not Be Blank!");

}

else if (string.IsNullOrEmpty(urlText.Text))

{

//URL is blank

MessageBox.Show("The URL Can Not Be Blank!");

}

else

{

sb.Append(titleText.Text);

sb.Append(nl);

sb.Append(artistText.Text);

sb.Append(nl);

sb.Append(genreText.Text);

sb.Append(nl);

sb.Append(yearText.Text);

sb.Append(nl);

sb.Append(urlText.Text);

sb.Append(nl);

sb.Append(yearText.Text);

sb.Append(nl);

sb.Append(nl);

outputText.Text = sb.ToString();

//Add Song Title to the list box

songListBox.Items.Add(titleText.Text);

//clear the input fields

titleText.Clear();

artistText.Clear();

genreText.Clear();

yearText.Clear();

urlText.Clear();

}

}

private void allSongsButton\_Click(object sender, EventArgs e)

{

StringBuilder sb = new StringBuilder(string.Empty);

string nl = "\r\n";

//build the output text

foreach(var item in songListBox.Items)

{

sb.Append(item.ToString());

sb.Append(nl);

}

//put the output text in the output text box

outputText.Text = sb.ToString();

}

}

}