using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.OleDb;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

//using System.Data.OleDb;

namespace A2\_AccessDatabase

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void accessDatabase()

{

String ConnStr = @"Provider=Microsoft.ACE.OLEDB.12.0; Data Source = C:\\Users\\athen\\Desktop\\FarmInfomation.accdb;

Persist Security Info = False";

String error\_Msg = "";

String q = "";

q = Input.Text;

String query = "Select \* from " + q + ";"; // will hold the query

OleDbConnection conn = null; // declaring variable connection

try

{

conn = new OleDbConnection(ConnStr); //create object - connection string

conn.Open(); // starts the actual connection

OleDbCommand cmd = new OleDbCommand(query, conn); //OleDbCommand - class; cmd - pointer; query and connection

//String id = "ID" + "\r\n";

//string water = "Amount of water" + "\r\n";

String str = "";

OleDbDataAdapter da = new OleDbDataAdapter(cmd);

DataTable dt = new DataTable();

da.Fill(dt);

DataGrid.DataSource = dt;

using (OleDbDataReader reader = cmd.ExecuteReader())

{

/\*

//iterate through the database and ready it row per row

while (reader.Read())

{

for (int i = 0; i < reader.FieldCount; i++)

{

str += reader["ID"].ToString() + reader["Amount of water"].ToString() + reader["Daily cost"].ToString() + reader["Weight"].ToString() +

reader["Age"].ToString() + reader["Color"].ToString() + reader["Amount of milk"].ToString() + reader["Is jersy"].ToString() + "\r\n";

}

}

\*/

Output.Text = str;

}

conn.Close(); //make sure to close connection

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

/\*Commodity Prices - Commodity, Price\*/

/\* Cows - ID, Amount of water, Daily cost, Weight, Age, Color, Amount of milk, Is jersy \*/

/\* Dogs - ID, Amount of water, Weight, Age, Color, Daily cost \*/

/\* Goats - ID, Amount of water, Weight, Age, Color, Amount of milk\*/

/\* Sheep - ID, Amount of water, Daily cost, Weight, Age, Color, Amount of wool\*/

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

{

accessDatabase();

}

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

{

Input.Clear();

Output.Clear();

}

private void Output\_TextChanged(object sender, EventArgs e)

{

}

private void Form1\_Load(object sender, EventArgs e)

{

}

private void label1\_Click(object sender, EventArgs e)

{

}

}

}