

```
// Projeto: Gestão de Planilhas Excel
```

```
// Linguagem: C# (Windows Forms)
```

```
// Banco de Dados: SQLite
```

```
// Bibliotecas: EPPlus, Dapper
```

```
using System;
```

```
using System.Data;
```

```
using System.Data.SQLite;
```

```
using System.Windows.Forms;
```

```
using OfficeOpenXml;
```

```
namespace ExcelDataApp
```

```
{
```

```
    public partial class MainForm : Form
```

```
    {
```

```
        private DataTable dataTable;
```

```
        public MainForm()
```

```
        {
```

```
            InitializeComponent();
```

```
        }
```

```
        private void btnLoadExcel_Click(object sender, EventArgs e)
```

```
        {
```

```
            using (OpenFileDialog ofd = new OpenFileDialog())
```

```
            {
```

```
                ofd.Filter = "Excel Files| *.xlsx;*.xls";
```

```
                if (ofd.ShowDialog() == DialogResult.OK)
```

```
                {
```

```
                    LoadExcelData(ofd.FileName);
```

```
                }
```

```
}  
}
```

```
private void LoadExcelData(string filePath)  
{  
    using (var package = new ExcelPackage(new System.IO.FileInfo(filePath)))  
    {  
        var worksheet = package.Workbook.Worksheets[0];  
        dataTable = new DataTable();  
  
        foreach (var header in worksheet.Cells[1, 1, 1, worksheet.Dimension.End.Column])  
        {  
            dataTable.Columns.Add(header.Text);  
        }  
  
        for (int row = 2; row <= worksheet.Dimension.End.Row; row++)  
        {  
            var dataRow = dataTable.NewRow();  
            for (int col = 1; col <= worksheet.Dimension.End.Column; col++)  
            {  
                dataRow[col - 1] = worksheet.Cells[row, col].Text;  
            }  
            dataTable.Rows.Add(dataRow);  
        }  
  
        dataGridView1.DataSource = dataTable;  
    }  
}
```

```
private void btnSaveToDatabase_Click(object sender, EventArgs e)  
{
```

```

string connString = "Data Source=planilhas.db;Version=3;";
using (SQLiteConnection conn = new SQLiteConnection(connString))
{
    conn.Open();
    using (SQLiteCommand cmd = new SQLiteCommand(conn))
    {
        string tableName = "PlanilhaDados";

        cmd.CommandText = $"CREATE TABLE IF NOT EXISTS {tableName} (ID INTEGER
PRIMARY KEY AUTOINCREMENT, ";

        foreach (DataColumn col in dataTable.Columns)
        {
            cmd.CommandText += col.ColumnName + " TEXT, ";
        }

        cmd.CommandText = cmd.CommandText.TrimEnd(',', ' ') + ");";
        cmd.ExecuteNonQuery();

        foreach (DataRow row in dataTable.Rows)
        {
            cmd.CommandText = $"INSERT INTO {tableName} (";
            foreach (DataColumn col in dataTable.Columns)
            {
                cmd.CommandText += col.ColumnName + ", ";
            }

            cmd.CommandText = cmd.CommandText.TrimEnd(',', ' ') + ") VALUES (";
            foreach (var item in row.ItemArray)
            {
                cmd.CommandText += $"{item}', ";
            }

            cmd.CommandText = cmd.CommandText.TrimEnd(',', ' ') + ");";
            cmd.ExecuteNonQuery();
        }
    }
}

```

```
    }  
    }  
    MessageBox.Show("Dados salvos no banco de dados!");  
    }  
    }  
    }  
}
```