

MyPhotos

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1. Introducere :

Subsemnatul RAULEAC ROBERT-ALIN declar pe propria raspundere ca acest cod nu a fost copiat din Internet sau din alte surse. Pentru documentare am folosit urmatoarele surse:

<https://www.w3schools.com/sql/default.asp>

<https://stackoverflow.com/>

<https://docs.microsoft.com/en-us/dotnet/csharp/getting-started/introduction-to-the-csharp-language-and-the-net-framework>

<https://dotnet.microsoft.com/learn/dotnet/in-browser-tutorial/1>

<https://www.guru99.com/c-sharp-access-database.html>

<https://profs.info.uaic.ro/~iasimin/>

2. Mod de lucru :

Construire obiecte pentru WCF. Vom crea un proiect de tip ClassLibrary (cu numele "ObjectWCF" in care vom crea doua fisiere si anume Interface1.cs si APlexextension.cs ce implementeaza Interface1. In fisierul Interface1.cs reprezinta o interfata cu metodele proiectului :

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.ServiceModel;
using System.Text;
using System.Threading.Tasks;
using ClassLibraryProject;

namespace ObjectWCF
{
    [ServiceContract]
    6 references
    interface Interface1
    {
        [OperationContract]
        1 reference
        void Insert(string name, double size, string path, string format, DateTime date);

        [OperationContract]
        1 reference
        void Delete(string par);

        [OperationContract]
        1 reference
        void newCol(string par);

        [OperationContract]
        1 reference
        void deleteCol(string par);

        [OperationContract]
        1 reference
        void Update(string path, string column, string value);
    }
}
```

In fisierul APlexextension.cs regasim implementarea interfetiei Interface1.cs :

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using ClassLibraryProject;

namespace ObjectWCF
{
    1 reference
    public class APIExtension : Interface1
    {
        1 reference
        void Interface1.Insert(string name, double size, string path, string format, DateTime date)
        {
            Class1.Insert( name, size, path, format, date);
        }

        1 reference
        void Interface1.Delete(string par)
        {
            Class1.Delete( par);
        }

        1 reference
        void Interface1.newCol(string par)
        {
            Class1.newCol( par);
        }

        1 reference
        void Interface1.deleteCol(string par)
        {
            Class1.deleteCol( par);
        }

        1 reference
        void Interface1.Update(string path, string column, string value)
        {
            Class1.Update( path, column, value);
        }
    }
}
```