

Photo Classifier

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I. Antet:

Subsemnatul Braneanu Valentin, declar pe propria raspundere ca acest cod nu a fost copiat din Internet sau din alte surse. Pentru documentare am folosit urmatoarele surse:

- <https://profs.info.uaic.ro/~iasimin/Laborator%20C%20S%20H/Laborator%20WCF%202020.pdf>

II. Documentatia:

Am creat un nou proiect de tip ClassLibrary (.NET Framework) si l-am numit ObjectWCF. In interiorul proiectului am adaugat 2 fisiere noi: o clasa ApiComment si o interfata InterfaceWCF. Am adaugat si o referinta la proiectul care contine API-ul si anume Api+Model (ClassLibrary1).

In interiorul fisierului InterfaceWCF am adaugat:

```
[ServiceContract]
10 references
interface Interface1
{
    [OperationContract]
    1 reference
    void Add(string column);
    [OperationContract]
    1 reference
    void Remove(string column);
    [OperationContract]
    1 reference
    void Delete(string where, string whereValue);
    [OperationContract]
    1 reference
    List<string> Check(string check, bool silent);
    [OperationContract]
    1 reference
    void Modify(string set, string setValue, string where, string whereValue);
    [OperationContract]
    1 reference
    List<string> SearchPath(string column, string text);
    [OperationContract]
    1 reference
    List<string> Search(string column, string text);
    [OperationContract]
    1 reference
    List<string> Columns();
    [OperationContract]
    1 reference
    bool Insert(string name, string fullPath, string type, double size, DateTime dateCreated);
}
```

Adaugam header-ul de la fiecare metoda publica din Api.

In interiorul fisierului ApiComment am adaugat:

```
1 reference
public class ApiComment : IInterface1
{
    1 reference
    void IInterface1.Add(string column)
    {
        ..
        Class1.Add(column);
        ..
    }
    1 reference
    void IInterface1.Remove(string column)
    {
        ..
        Class1.Remove(column);
        ..
    }
    1 reference
    void IInterface1.Delete(string where, string whereValue)
    {
        ..
        Class1.Delete(where, whereValue);
        ..
    }
    1 reference
    List<string> IInterface1.Check(string check, bool silent)
    {
        ..
        return Class1.Check(check, silent);
        ..
    }
    1 reference
    void IInterface1.Modify(string set, string setValue, string where, string whereValue)
    {
        ..
        Class1.Modify(set, setValue, where, whereValue);
        ..
    }
    1 reference
    List<string> IInterface1.SearchPath(string column, string text)
    {
        ..
        return Class1.SearchPath(column, text);
        ..
    }
    1 reference
    List<string> IInterface1.Search(string column, string text)
    {
        ..
        return Class1.Search(column, text);
        ..
    }
    1 reference
    List<string> IInterface1.Columns()
    {
        ..
        return Class1.Columns();
        ..
    }
    1 reference
    bool IInterface1.Insert(string name, string fullPath, string type, double size, DateTime dateCreated)
    {
        ..
        return Class1.Insert(name, fullPath, type, size, dateCreated);
        ..
    }
}
```

Adaugam using ClassLibrary1; si apelam fiecare metoda din Api prin intermediul interfetei.