

Subsemnata Bulboaca Maria 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>

Configurare client

Pentru a obtine fisierul de configurare pentru client si fisierul proxy , am lansat in executie hostul pentru serviciu si am rulat comanda

svcutil <http://localhost:8000/Photos> -out:proxy.cs –config:app.config.

In urma rularii am obtinut fisierul de app.config.

```
<system.serviceModel>
  <bindings>
    <basicHttpBinding>
      <binding name="BasicHttpBinding_IItemPerson" />
    </basicHttpBinding>
  </bindings>
  <client>
    <endpoint address="http://localhost:8000/Photos"
      binding="basicHttpBinding"
      bindingConfiguration="BasicHttpBinding_IItemPerson"
      contract="IItemPerson"
      name="BasicHttpBinding_IItemPerson" />
  </client>
</system.serviceModel>
```

In fisierul proxy.cs am obtinut clasa `ItemPersonClient` pe care am folosit-o pentru a apela metodele serviciului.

```

13 references
public partial class ItemPersonClient : System.ServiceModel.ClientBase<IItemPerson>, IItemPerson
{
    7 references
    public ItemPersonClient()
    {
    }

    0 references
    public ItemPersonClient(string endpointConfigurationName) [...]

    0 references
    public ItemPersonClient(string endpointConfigurationName, string remoteAddress) [...]

    0 references
    public ItemPersonClient(string endpointConfigurationName, System.ServiceModel.EndpointAddress remoteAddress) [...]

    0 references
    public ItemPersonClient(System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress) [...]

    3 references
    public int AddItem(Database.Item item) [...]

    2 references
    public System.Threading.Tasks.Task<int> AddItemAsync(Database.Item item) [...]

    3 references
    public Database.Item GetById(int id) [...]

    2 references
    public System.Threading.Tasks.Task<Database.Item> GetByIdAsync(int id) [...]

    3 references
    public void RemoveItem(int id)
    {
        base.Channel.RemoveItem(id);
    }
}

```

Metode de utilizare a clasei `ItemPersonClient` :

```

private void UpdateTable()
{
    itemsTable.AutoGenerateColumns = false;
    ItemPersonClient client = new ItemPersonClient();
    var items = client.GetAllItems();
    itemsTable.DataSource = items;

    deleteButton.Enabled = false;
    deletePersonButton.Enabled = false;
}

```

```

1 reference
private void deleteButton_Click(object sender, EventArgs e)
{
    if (MessageBox.Show("Are you sure you want this?", "Delete item", MessageBoxButtons.YesNo) == DialogResult.No)
    {
        ItemPersonClient client = new ItemPersonClient();
        client.RemoveItem(globalIdItem);
        UpdateTable();
        UpdateFilterPersonsList();
        Clear();
    }
}

```

