# Introduction

This is a test application in order to demonstrate the operation of a web services based on .NET framework: WCF, Entity Framework, SQL Server Compact technologies.

The solution contains several projects:

* DAO layer to connect to Database
* Console application with hosting of REST service, which is accessible locally by http protocol all time that the console application is running.
* NUnit Test projects for above projects.
* Integration tests with using SpecFlow framework.

# Test cases that were implemented (automated)

REST service Console Application are testing by different unit tests projects

NUnit tests are testing REST service only.

# Steps how to execute test case (if there any unusual steps needed)

All tests based on NUnit framework and SpecFlow framework and can be run as usual for this tool without any unusual steps.

# Pros and cons of implemented approach

I use console application that populates REST operations locally.

It can be run on the server, for example. As a system service.

# List of possible improvements

Can be used Dependency Injection in an application to reduce dependencies.