RESTfulClient

This Restful Web Service was developed with .NET Core and C#, and it contains the main HTTP methods.

General Description

This is a Restful Service containing web applications Services that return their response in JSON. Here is one of these responses:

```
[{
"clientId":1,
"name":"John Smith",
"address":"1st Street",
"phoneNumber":null,
"email":"john@provider.com",
"modifiedBy":"Lucas Moraes",
"modifiedOn":"2020-06 30T23:25:46.637"
}]
```

PS: The last script here creates the record for this response.

How to run this service locally

You will need the following:
- .NET Core 3.1 or higher;
- SQL Server 2019 or above;
- Run the CREATE TABLE script on this document.

Run the *RunRestfulClient.bat* to open the index page of this service:
https://localhost:44370/index.html

Scripts

Here is the script for creating the Table used by this application:

```sql
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

CREATE TABLE [dbo].[Client](
	[ClientId] [bigint] IDENTITY(1,1) NOT NULL,
	[Name] [nvarchar](100) NOT NULL,
	[Address] [nvarchar](600) NOT NULL,
	[PhoneNumber] [nvarchar](50) NULL,
	[Email] [nvarchar](100) NULL,
	[ModifiedBy] [nvarchar](100) NOT NULL,
	[ModifiedOn] [datetime] NOT NULL,
 CONSTRAINT [PK_Client] PRIMARY KEY CLUSTERED
([ClientId] ASC)
WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF)
 ON [PRIMARY]
) ON [PRIMARY]
GO
```

This script is for inserting the row needed by the samples:

```sql
SET IDENTITY_INSERT [dbo].[Client] ON
GO

INSERT [dbo].[Client] ([ClientId], [Name], [Address], [PhoneNumber], [Email],
[ModifiedBy], [ModifiedOn])
VALUES (1, N'John Smith', N'1st Street', NULL, N'john@provider.com', N'Lucas
Moraes', CAST(N'2020-06-30T23:25:46.637' AS DateTime))
GO

SET IDENTITY_INSERT [dbo].[Client] OFF
GO
```