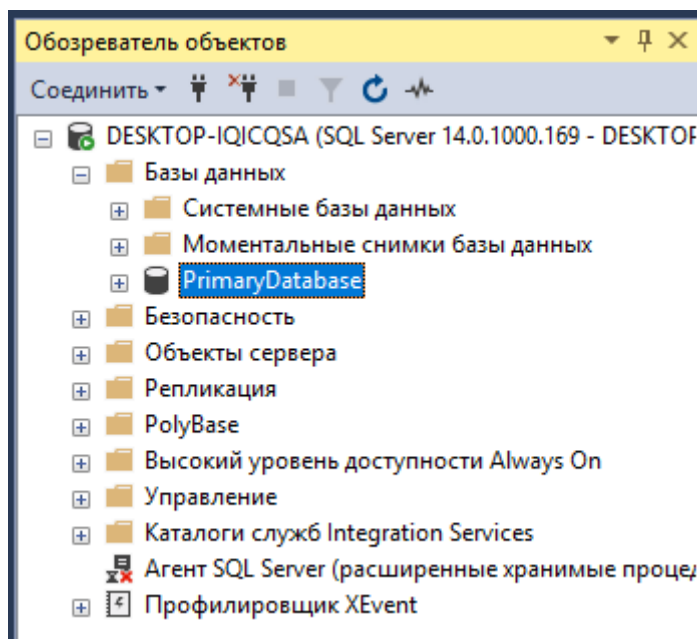# Test

The program is written using ASP.NET technology with an MVC pattern. The following is a list of packages that are used in the program, they can be installed through the NuGet package manager:
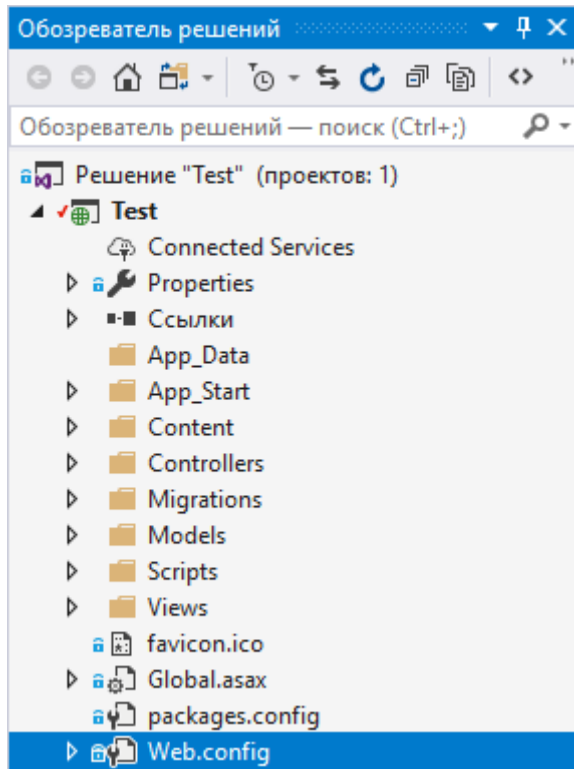
Description of packages	Packages
ASP.NET	Microsoft.AspNet.Identity.Core Microsoft.AspNet.Identity.EntityFramework Microsoft.AspNet.Identity.Owin Microsoft.AspNet.Mvc Microsoft.AspNet.TelemetryCorrelation Microsoft.AspNet.Web.Optimization Microsoft.AspNet.WebPages EntityFramework
Authorization system Owin	Microsoft.Owin Microsoft.Owin.Host.SystemWeb Microsoft.Owin.Security Microsoft.Owin.Security.Cookies Microsoft.Owin.Security.OAuth
Jquery and bootsrap	Bootstrap jQuery jQuery.jqGrid jQuery.UI.Combined jQuery.Validation Microsoft.jQuery.Unobtrusive.Ajax

Connect the database to the program

Step 1: create database in your Sql Server with name PrimaryDatabase
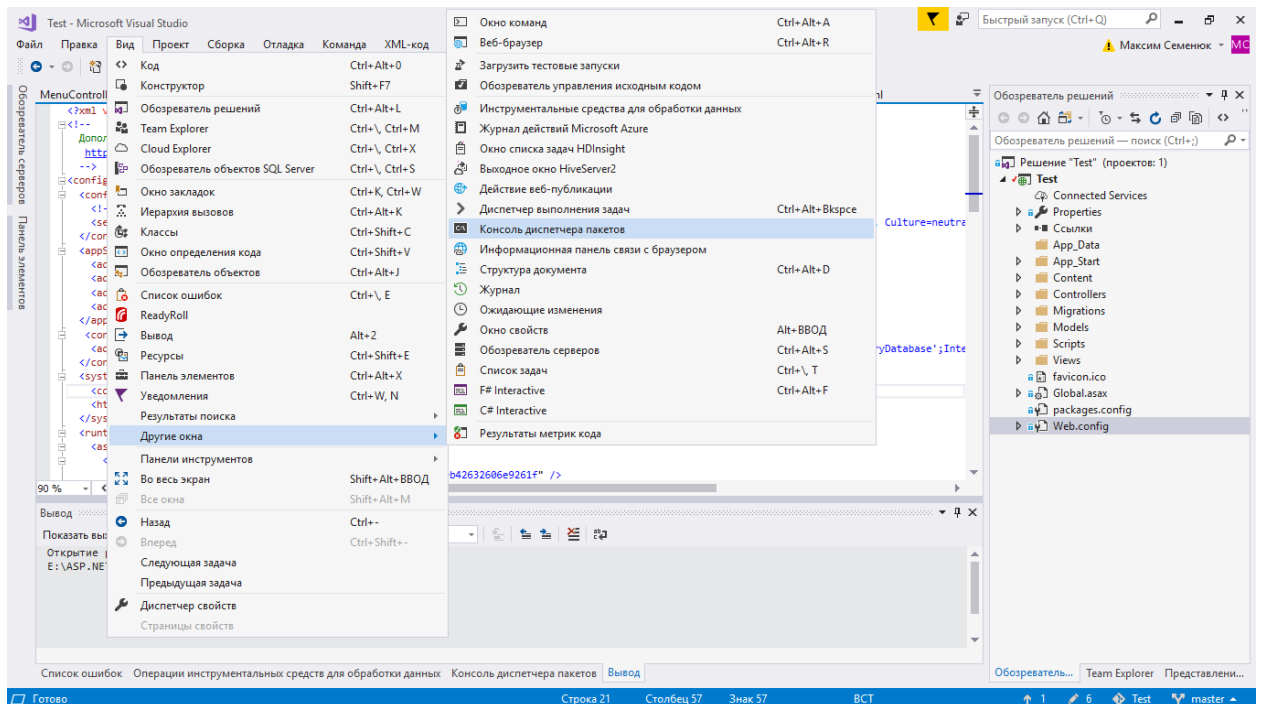
Step 2: open the project in the visual studio and open a file web.config

Step 3: change connection string namely the name of the server:

```
</appSettings>
<connectionStrings>
  <add name="PrimaryDatabase" providerName="System.Data.SqlClient" connectionString="Data Source=YOUR_SERVER;
</connectionStrings>
```
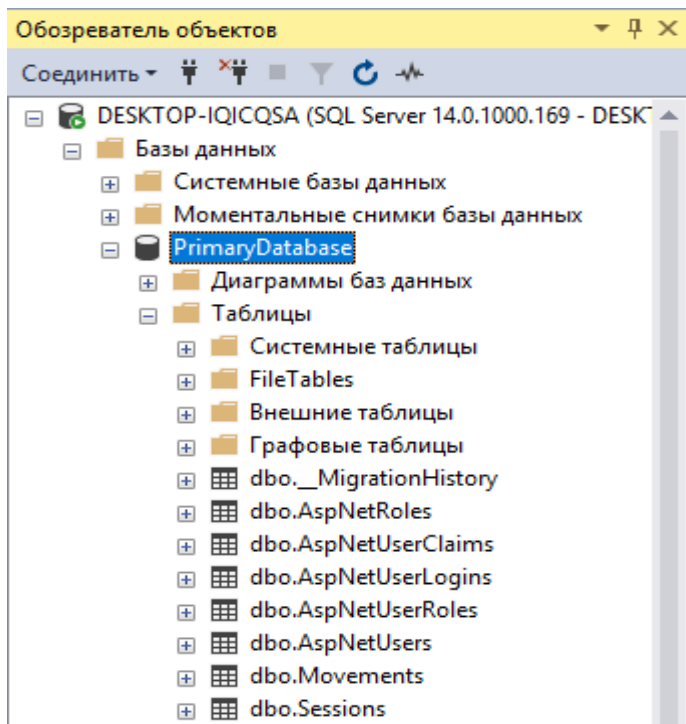
Step 4: open package manager NuGet

Step 5: write command update-database, after that the database initializer should start

```
PM> update-database
Specify the '-Verbose' flag to view the SQL statements being applied to the target database.
Applying explicit migrations: [201906302301467_AddTriggers].
Applying explicit migration: 201906302301467_AddTriggers.
Running Seed method.
PM> |
```

The application is ready to run, see the change in the database

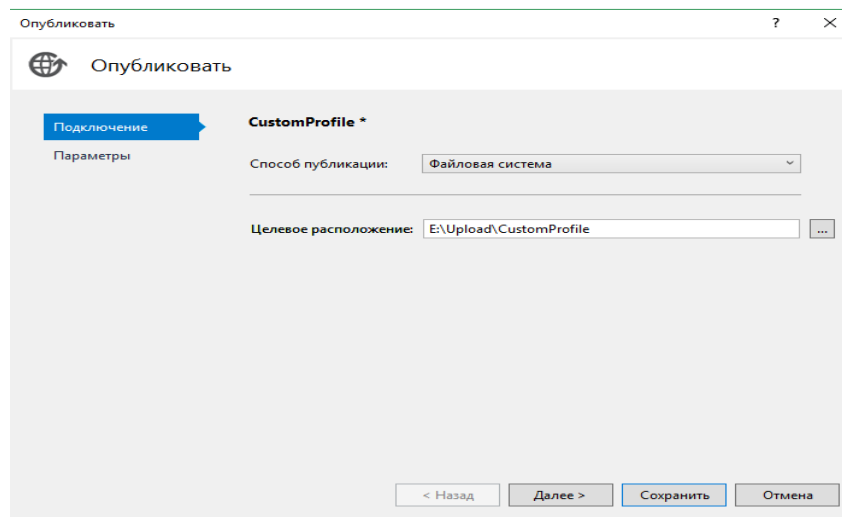When starting the application, contact the controller Account:

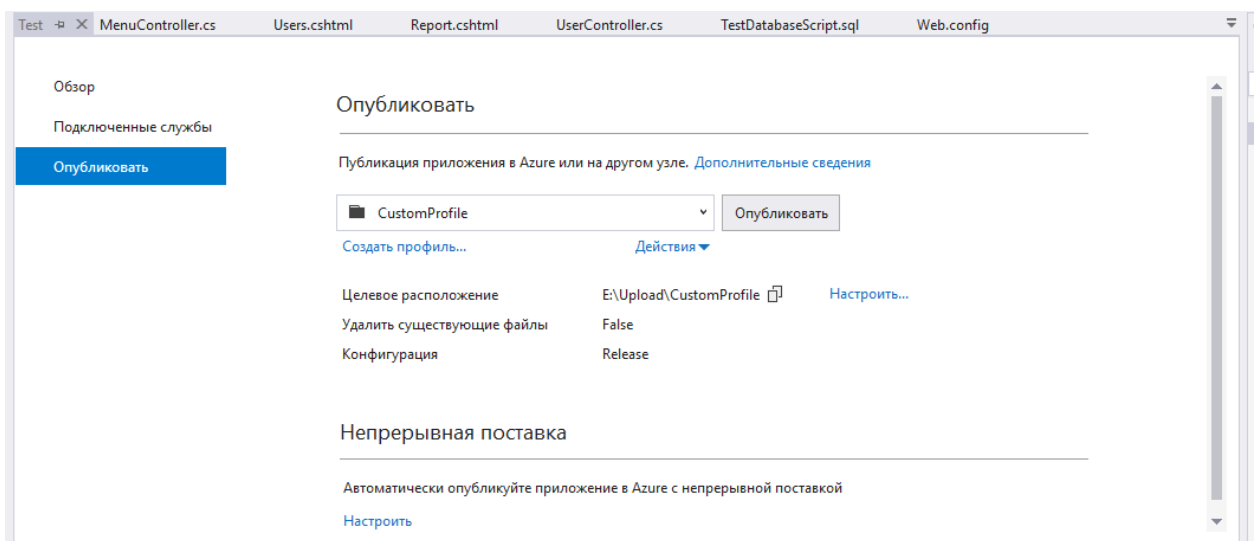You can use to Login: UserName: Jsmith,Password:12345678:

Deployment to IIS server

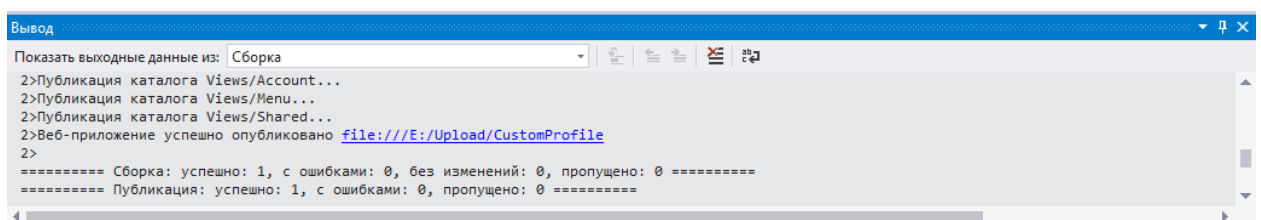**Step 1**: right-click on the project name and select Publish in the pop-up menu.

Step 2: create or import profile, after, select publication method file system and target location:
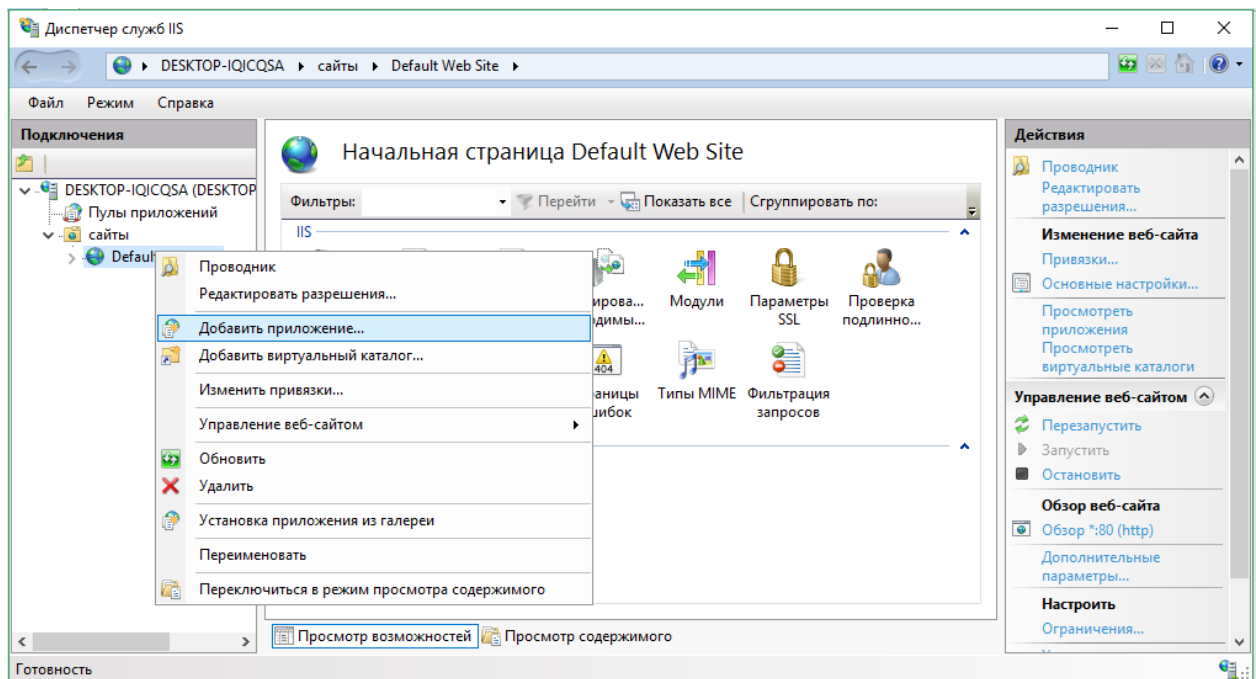
Step 3: click published:
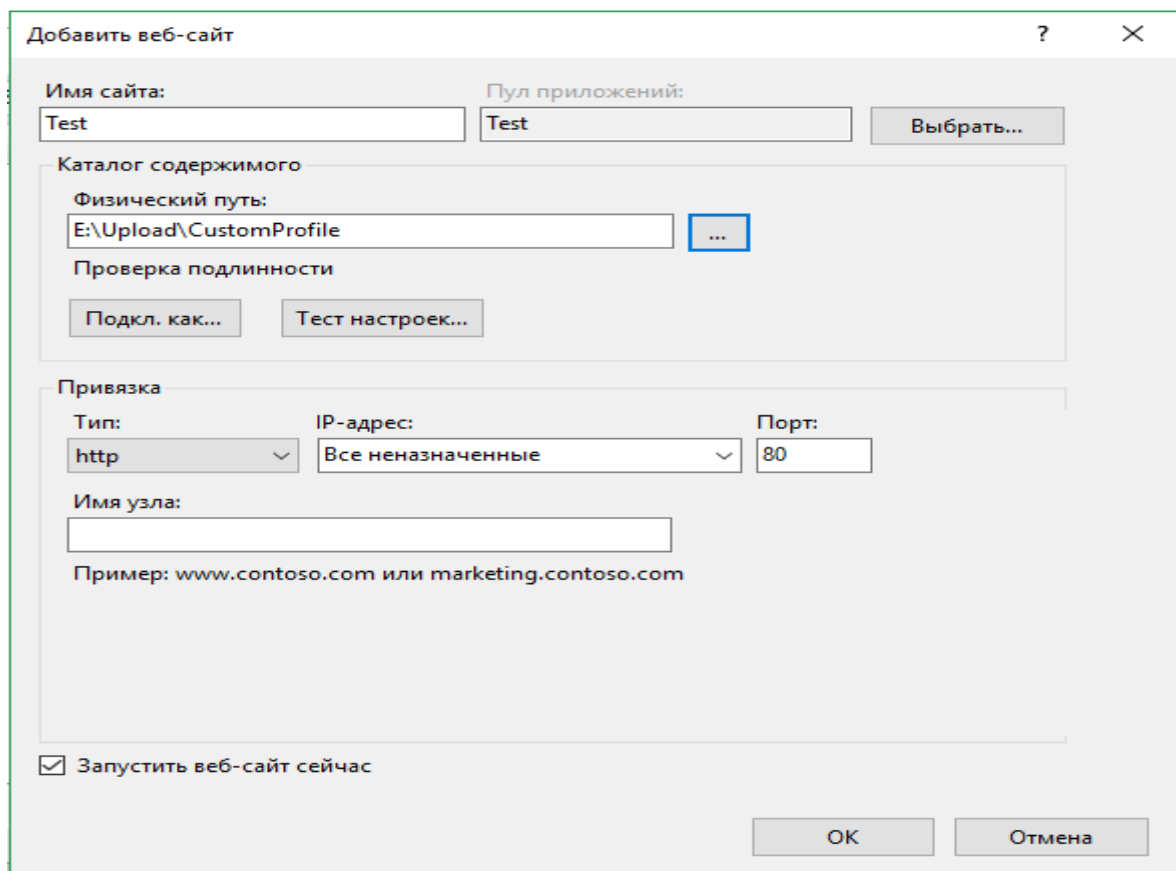

Assembly must be successful:

Step 4: configure the web server. To do this, open the IIS administration tool: go to the Control Panel, then select Administration-> IIS Manager.

Step 5: right-click Default Web Site and select "add application":

Step 6: write site name and physical path, after select ok

Step 7: Go to C: \ Windows \ System32 \ inetsrv \ config \ applicationHost.config and open in notepad

Change the following key value present in

<section name = "handlers" overrideModeDefault = "Deny" />

<section name = "modules" allowDefinition = "MachineToApplication" overrideModeDefault = "Deny" />

 change this value from "Deny" to "Allow"

Web site ready for use: