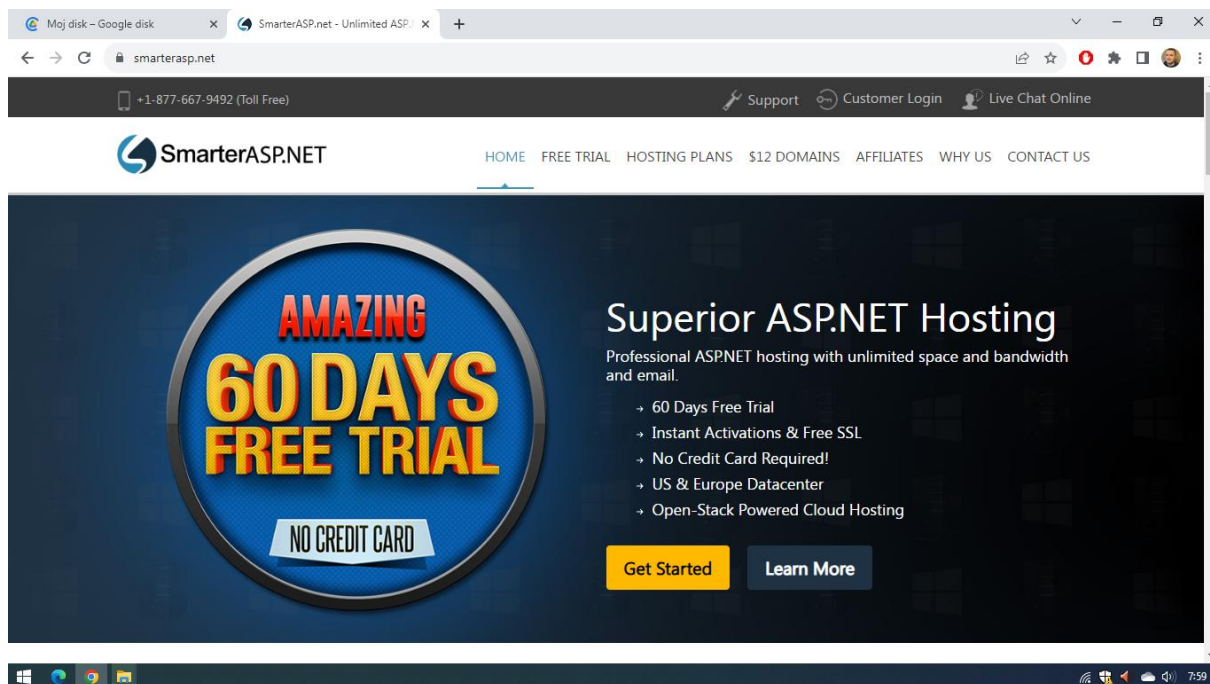
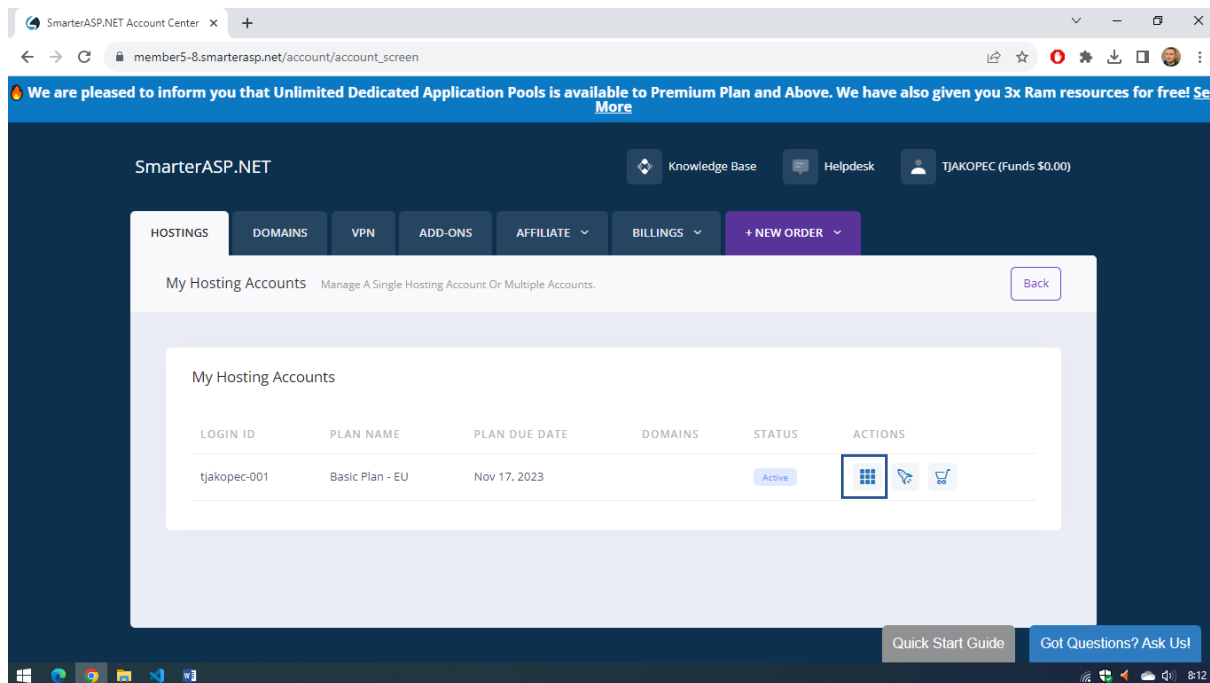


Za potrebe produkcije koristimo SmarterASP.NET

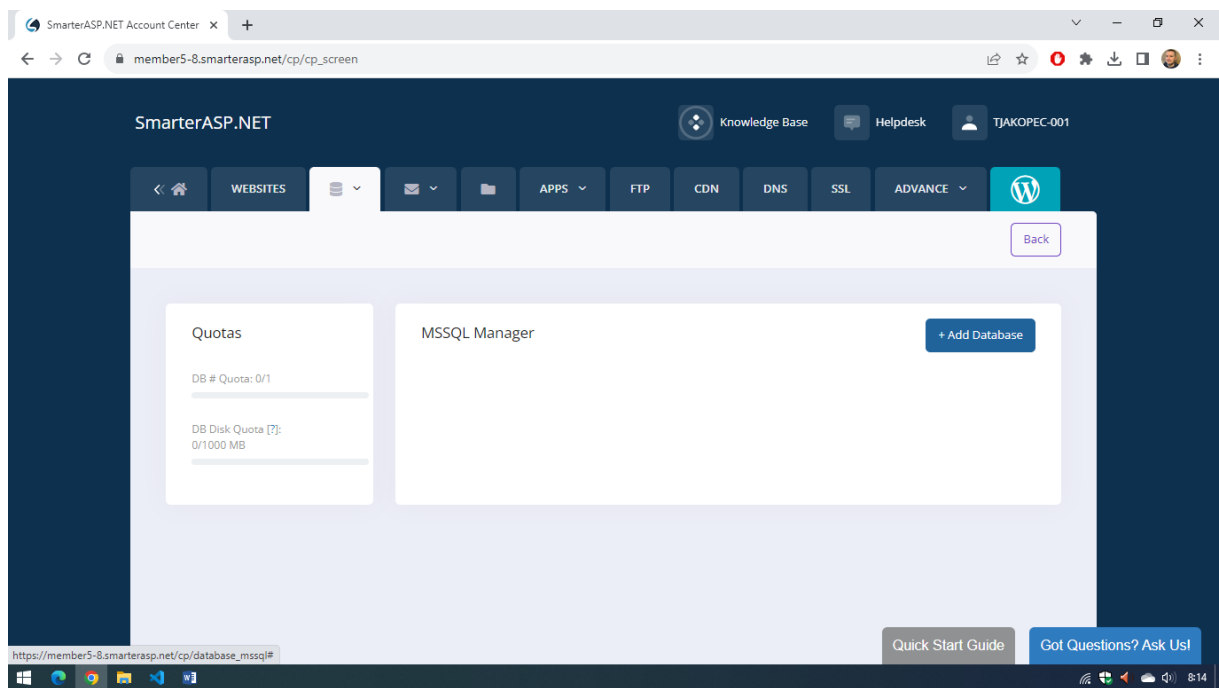
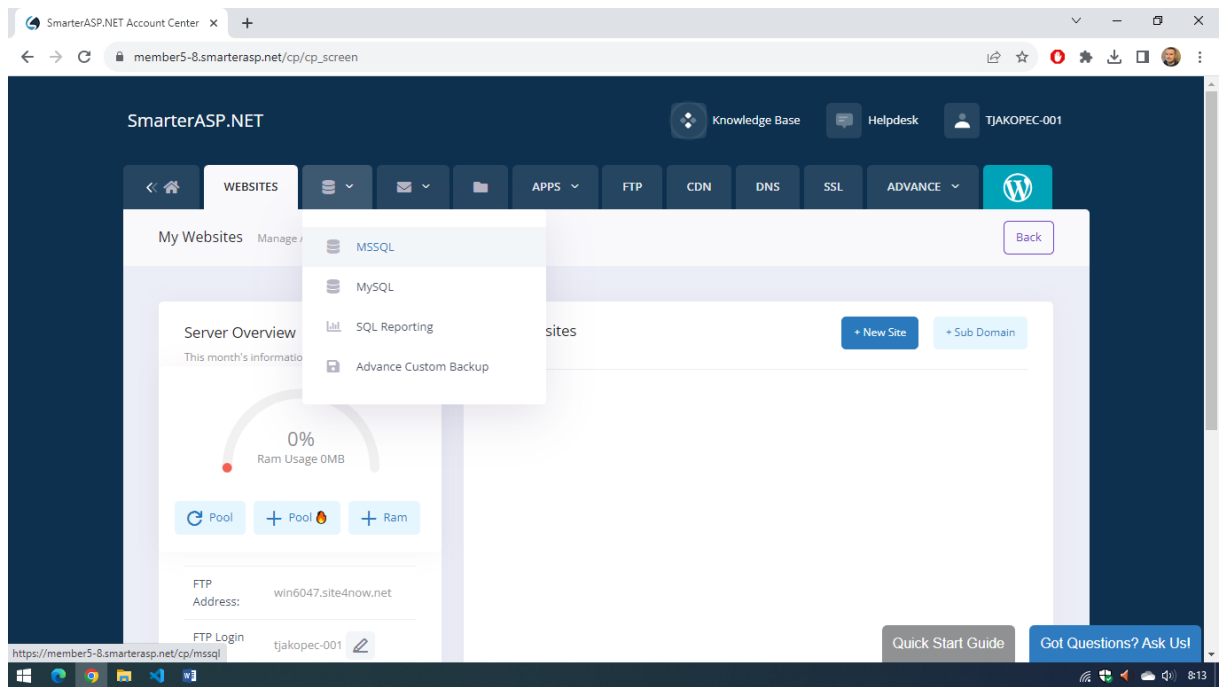
<https://www.smarterasp.net/>



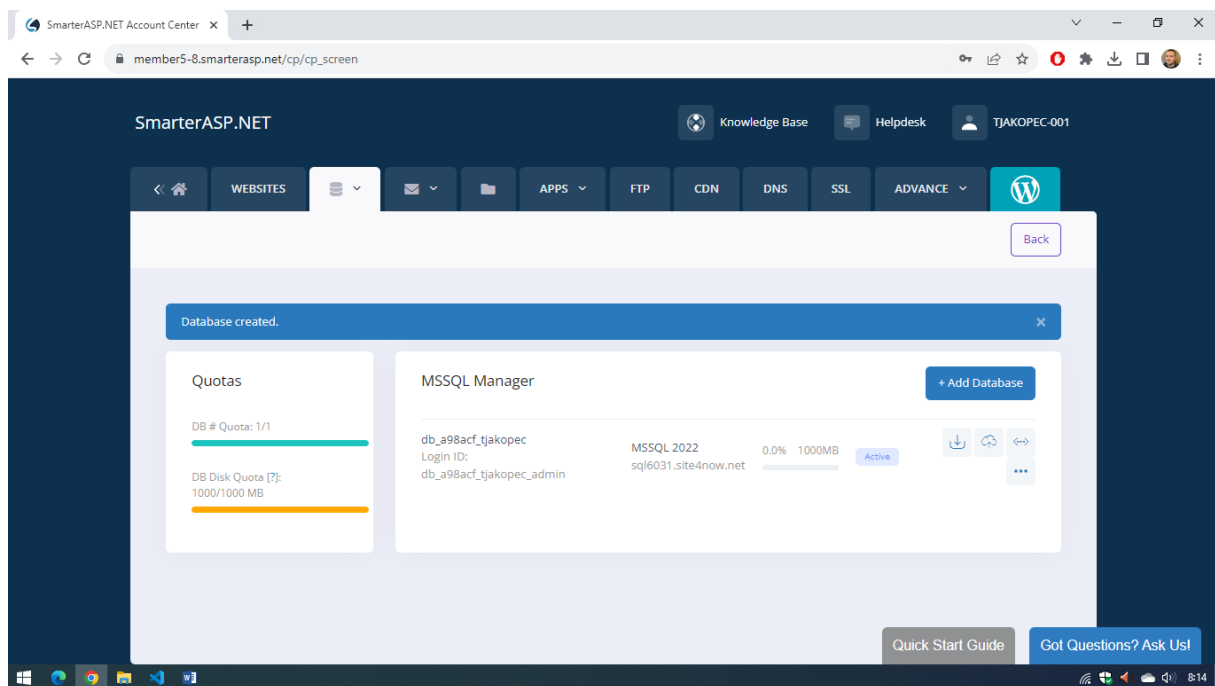
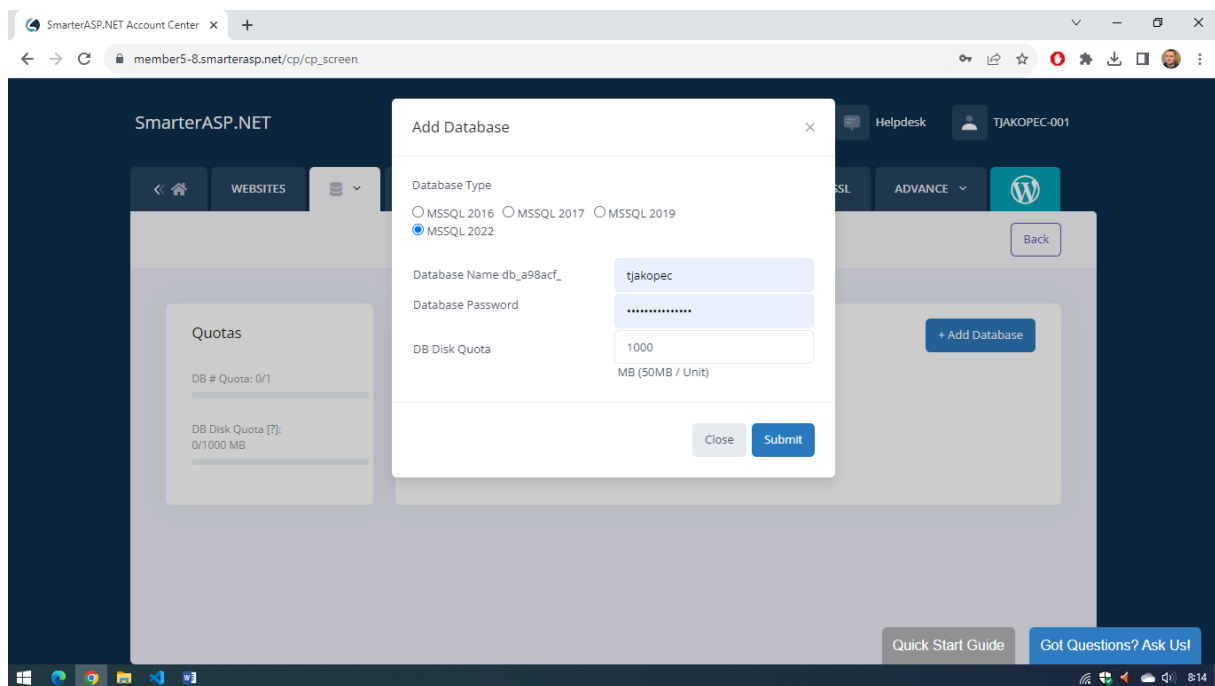
Otvorite račun i logirajte se



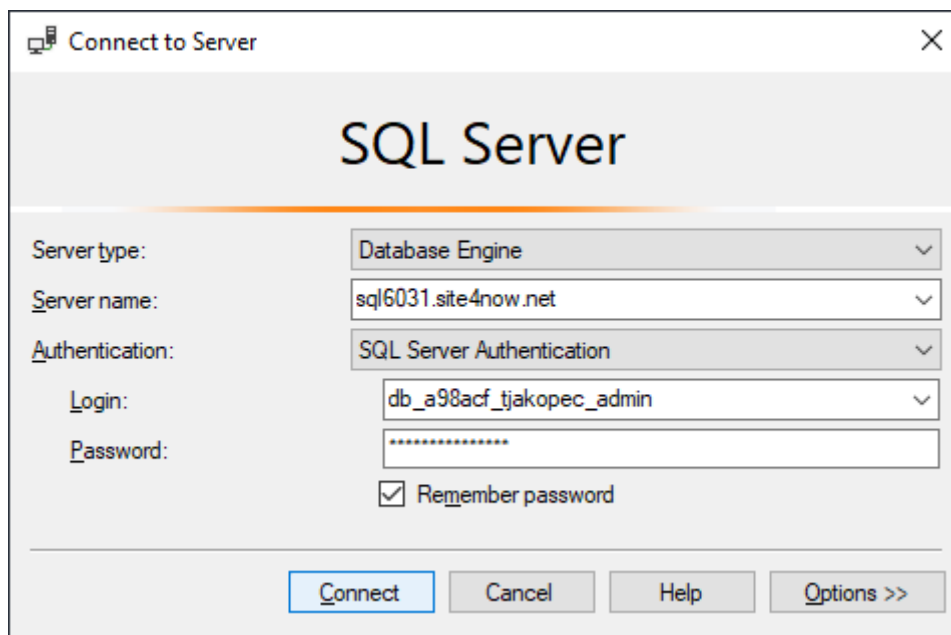
Kreiranje baze podataka



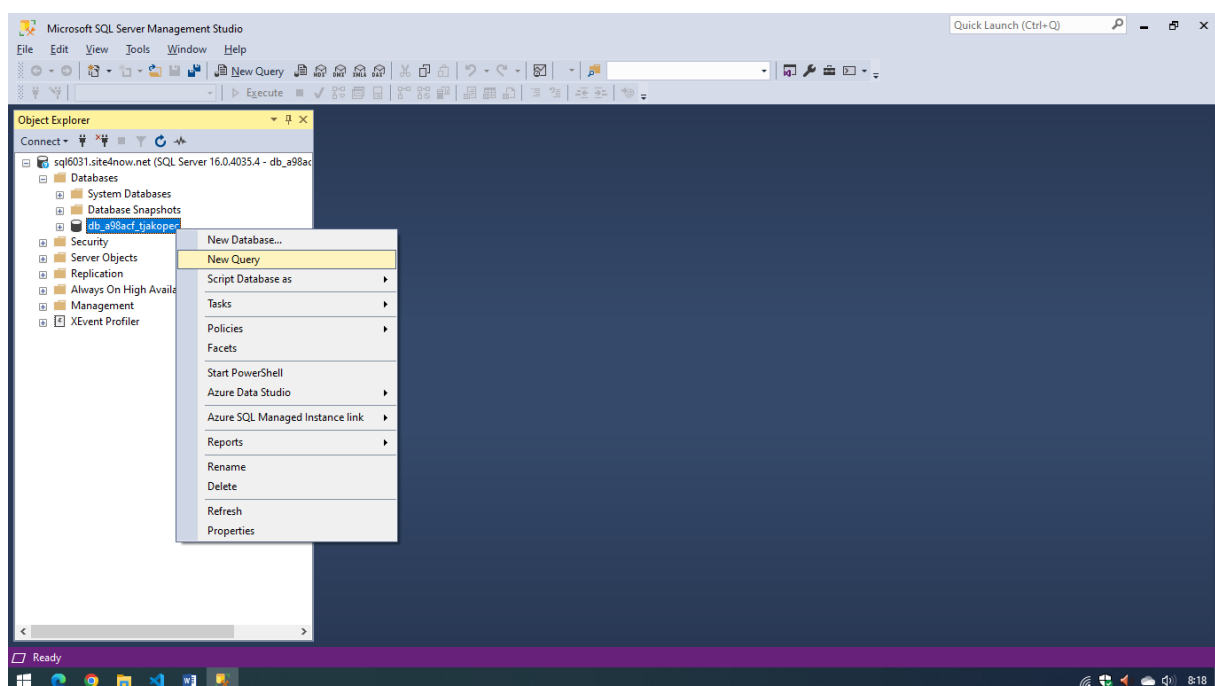
Lozinku postavite istu kao za smarterasp.net račun radi lakšeg snalaženja



Otvoriti SSMSE i spojiti se s podacima dostupnim na smarterasp.



Treba Vas čekati Vaša baza



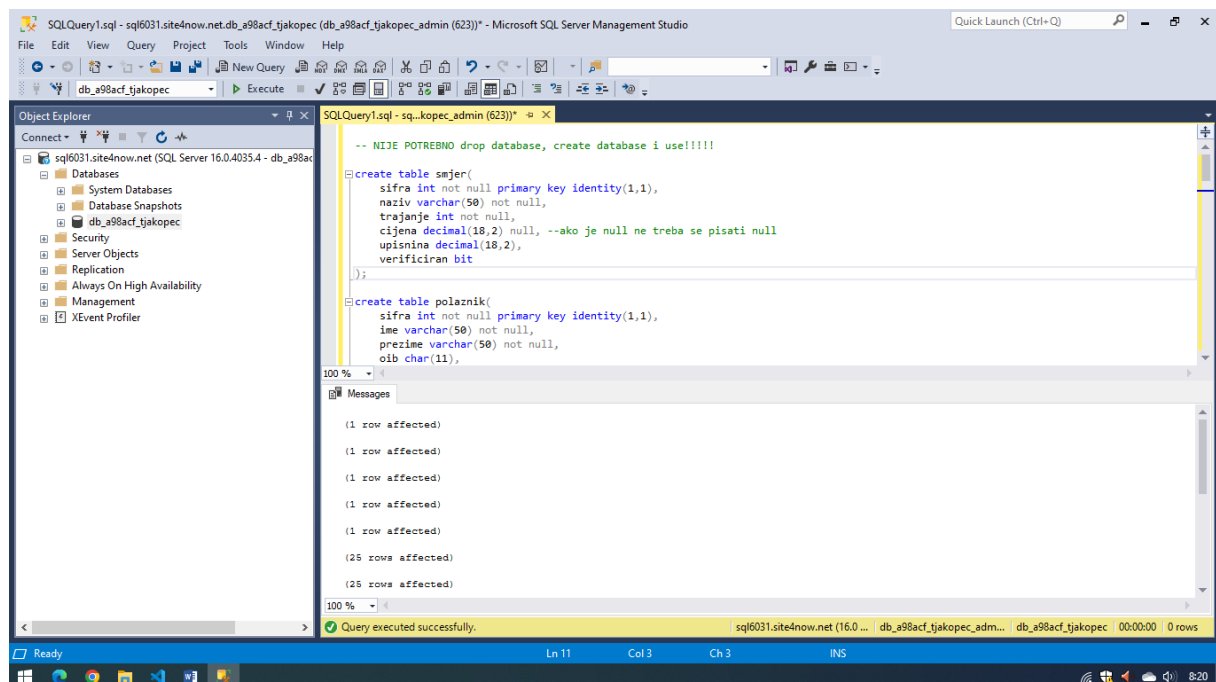
Prvo je potrebno promijeniti kodnu stranicu baze kako bi imali čšćđž ČŠĆĐŽ.

<https://www.smarterasp.net/support/kb/a41/how-to-change-the-collation-of-a-ms-sql-database.aspx>

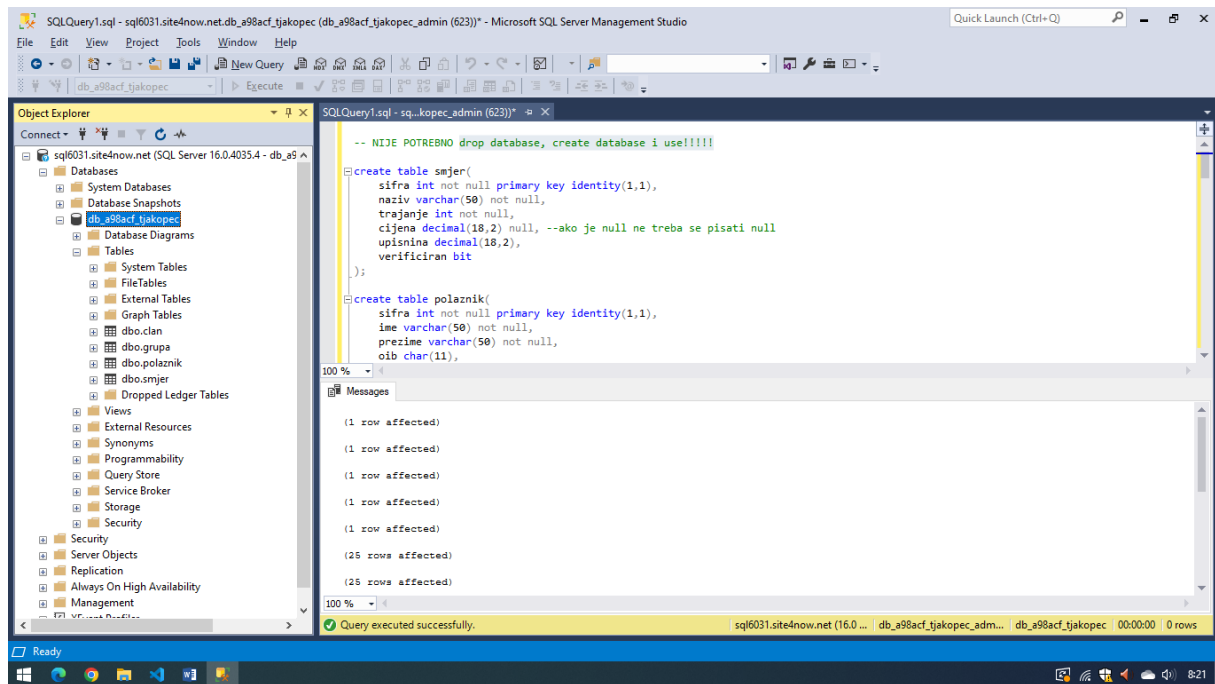
Izvesti sve naredbe odjednom (naziv baze **db_a98acf_tjakopec** zamijeniti nazivom svoje baze):

```
SELECT name, collation_name FROM sys.databases;
GO
ALTER DATABASE db_a98acf_tjakopec SET SINGLE_USER WITH ROLLBACK
IMMEDIATE;
GO
ALTER DATABASE db_a98acf_tjakopec COLLATE Croatian_CI_AS;
GO
ALTER DATABASE db_a98acf_tjakopec SET MULTI_USER;
GO
SELECT name, collation_name FROM sys.databases;
GO
```

Izvesti SQL naredbe iz skripte bez drop database, create database i use!!!!



Provjeriti da li su tablice kreirane



The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'db_a98acf_tjakopec'. The SQL Query window in the center contains the following script:

```
-- NIJE POTREBNO drop database, create database i use!!!!

create table smjer(
    sifra int not null primary key identity(1,1),
    naziv varchar(50) not null,
    trajanje int not null,
    cijena decimal(18,2) null, --ako je null ne treba se pisati null
    upisnina decimal(18,2),
    verificiran bit
);

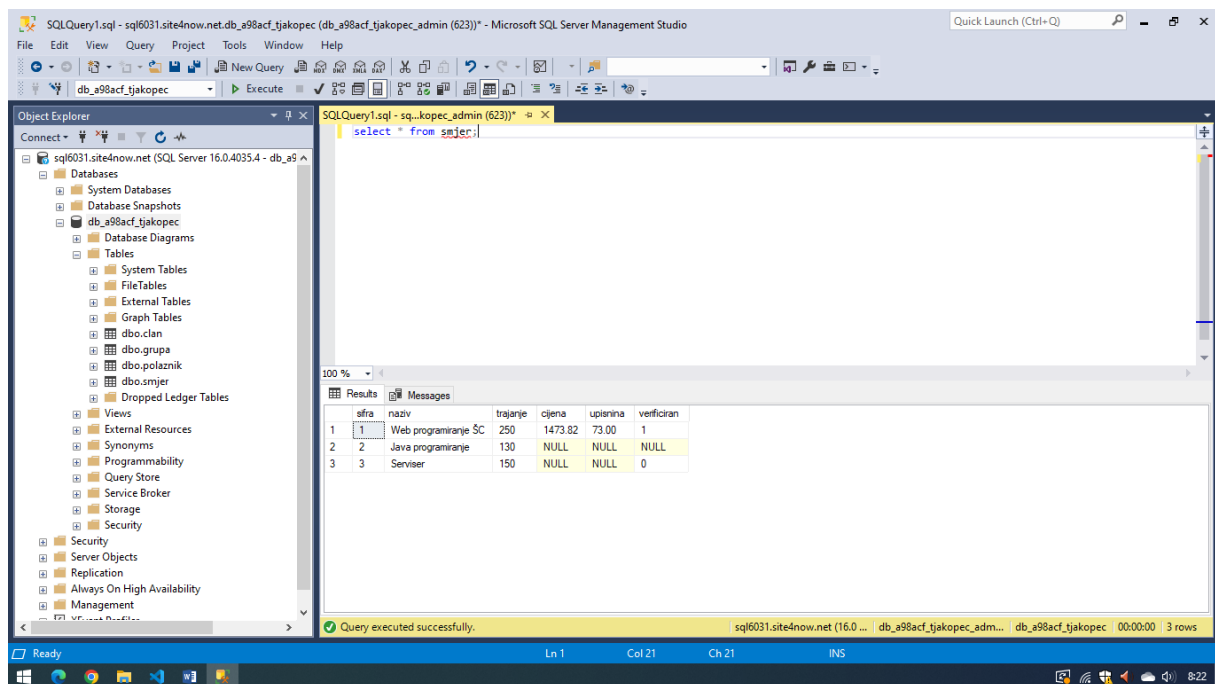
create table polaznik(
    sifra int not null primary key identity(1,1),
    ime varchar(50) not null,
    prezime varchar(50) not null,
    oib char(11),
);
```

The Messages window at the bottom shows the execution results:

```
(1 row affected)
(1 row affected)
(1 row affected)
(1 row affected)
(1 row affected)
(25 rows affected)
(25 rows affected)
```

The status bar at the bottom indicates 'Query executed successfully.' and '0 rows'.

Provjeriti da li su podaci u tablicama



The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'db_a98acf_tjakopec'. The SQL Query window in the center contains the following query:

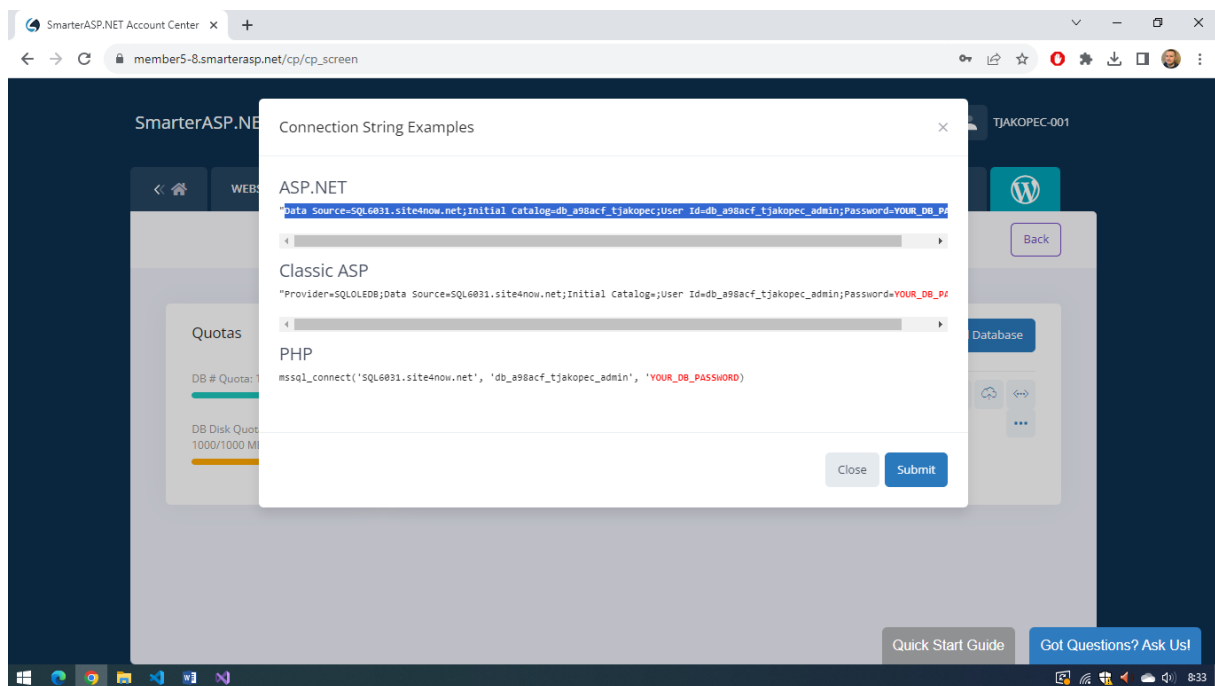
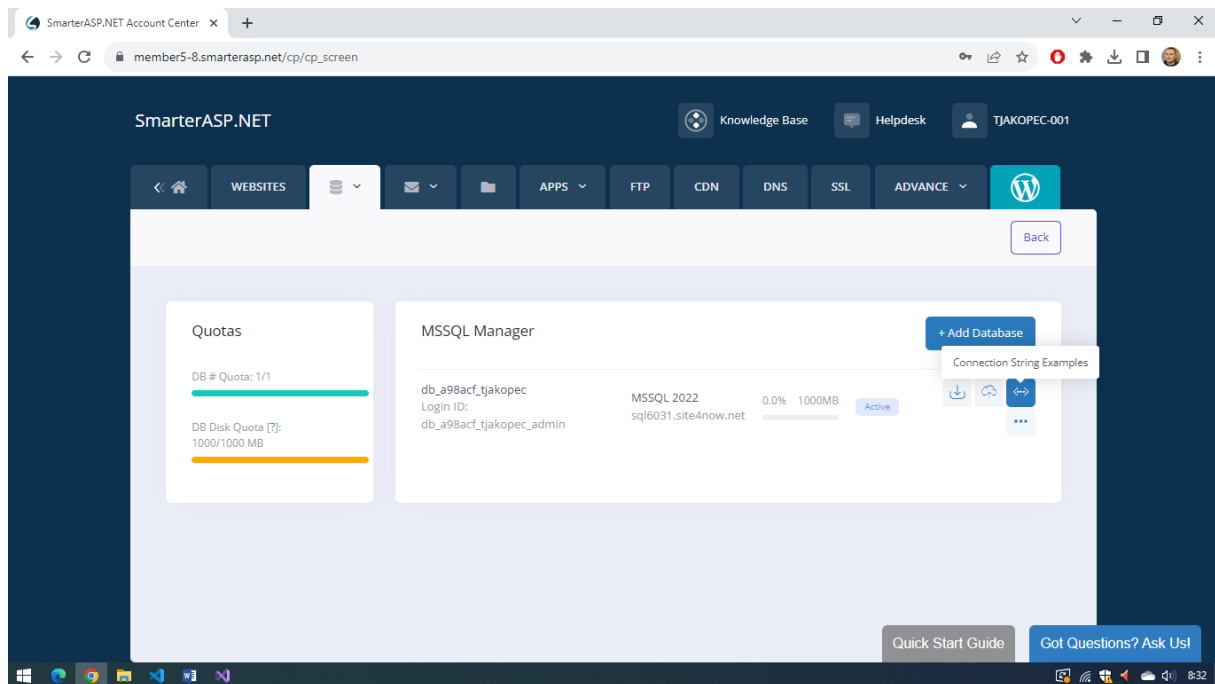
```
select * from smjer;
```

The Results window at the bottom shows the execution results:

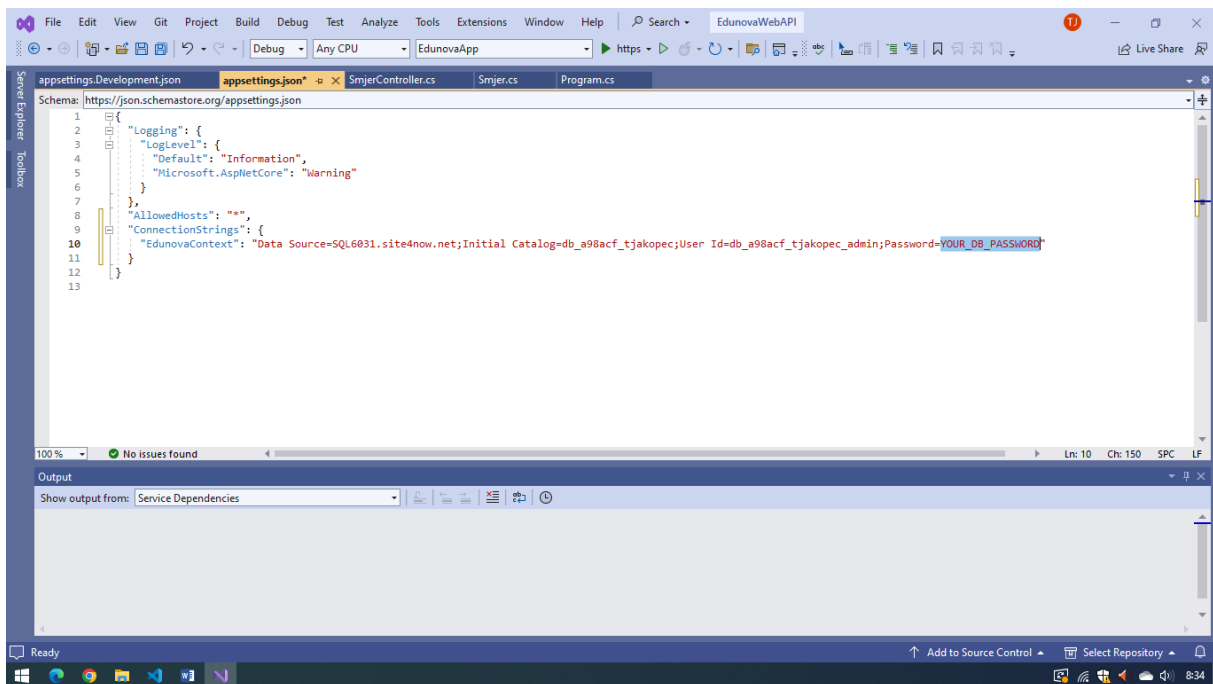
sifra	naziv	trajanje	cijena	upisnina	verificiran
1	Web programiranje SC	250	1473.82	73.00	1
2	Java programiranje	130	NULL	NULL	NULL
3	Server	150	NULL	NULL	0

The status bar at the bottom indicates 'Query executed successfully.' and '3 rows'.

Potrebno je preuzeti connection string za bazu

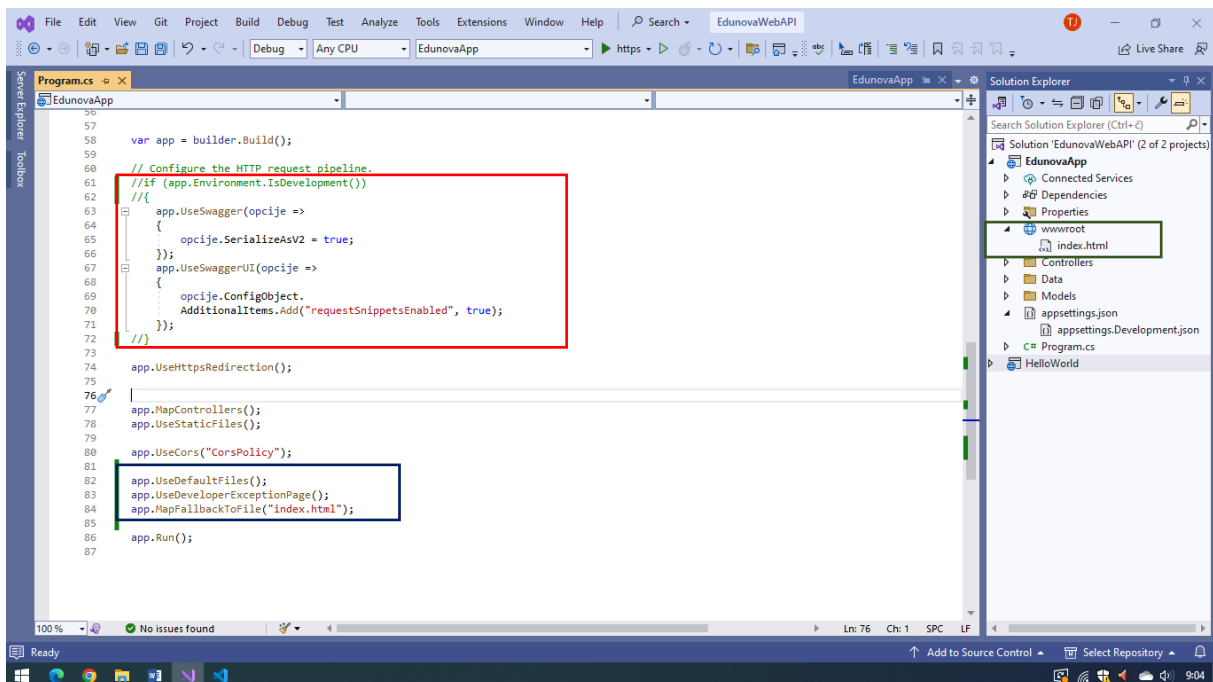


I postaviti ga u appsettings.json (NE U appsettings.Development.json) i upisati lozinku

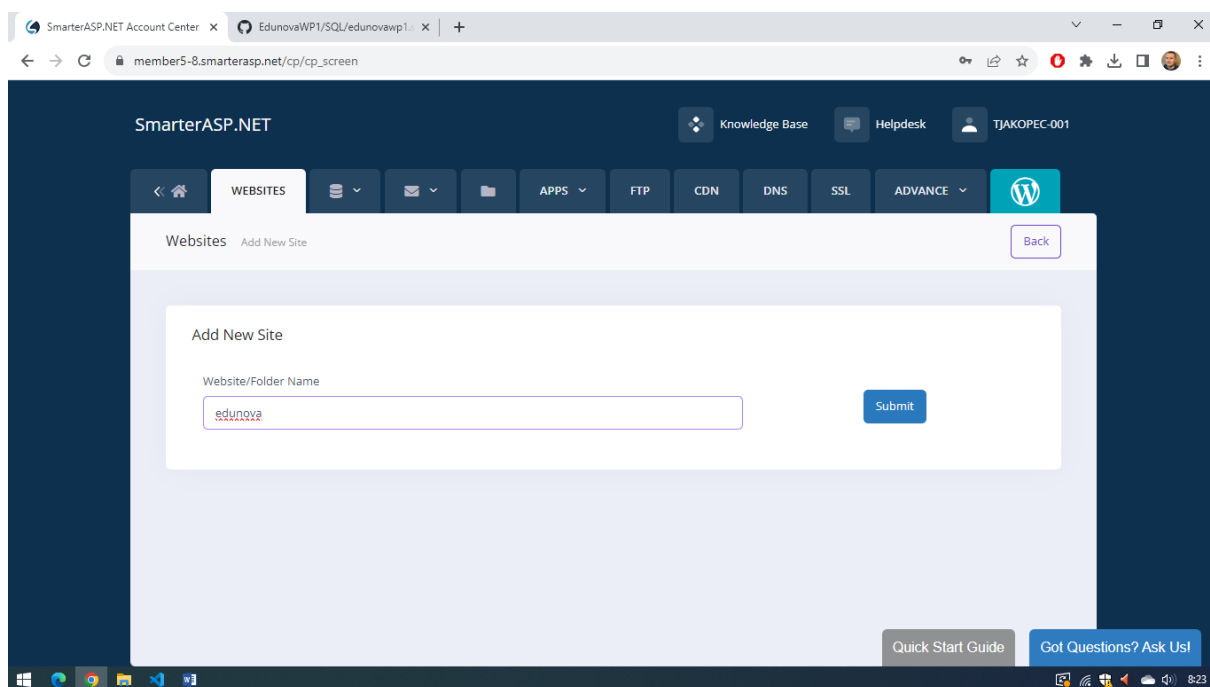
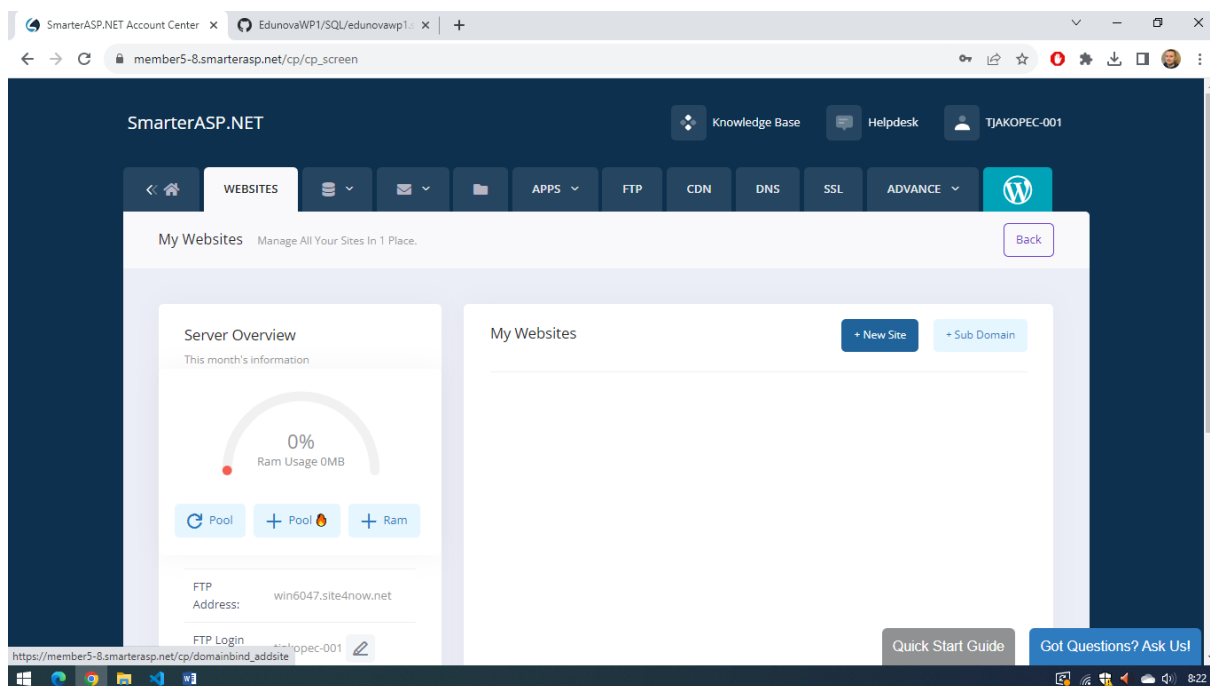


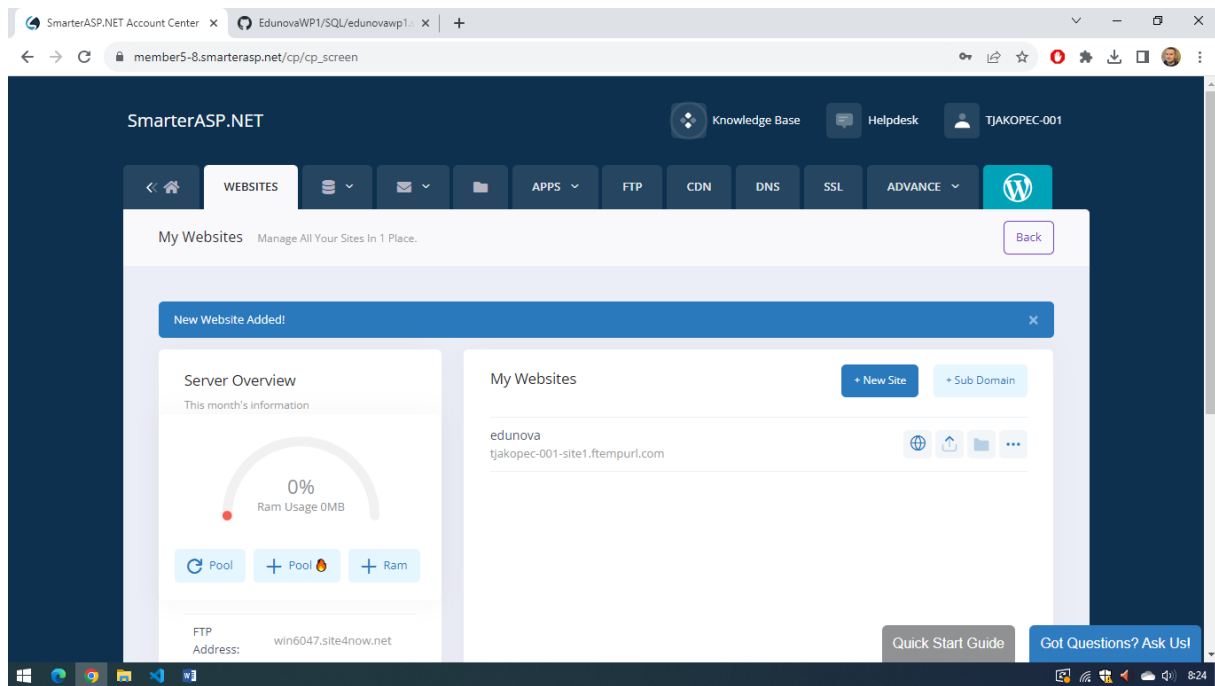
Kako bi nam swagger radio i u produkciji potrebno je zakomentirati if koji trenutno swagger omogućuje samo u razvoju (crveno pravokutnik). Isto tako potrebno je za produkciju definirati još nekoliko direktiva (plavi pravokutnik).

Također je potrebno napraviti direktorij wwwroot te u njemu datoteku indeks.html (zeleni pravokutnik).

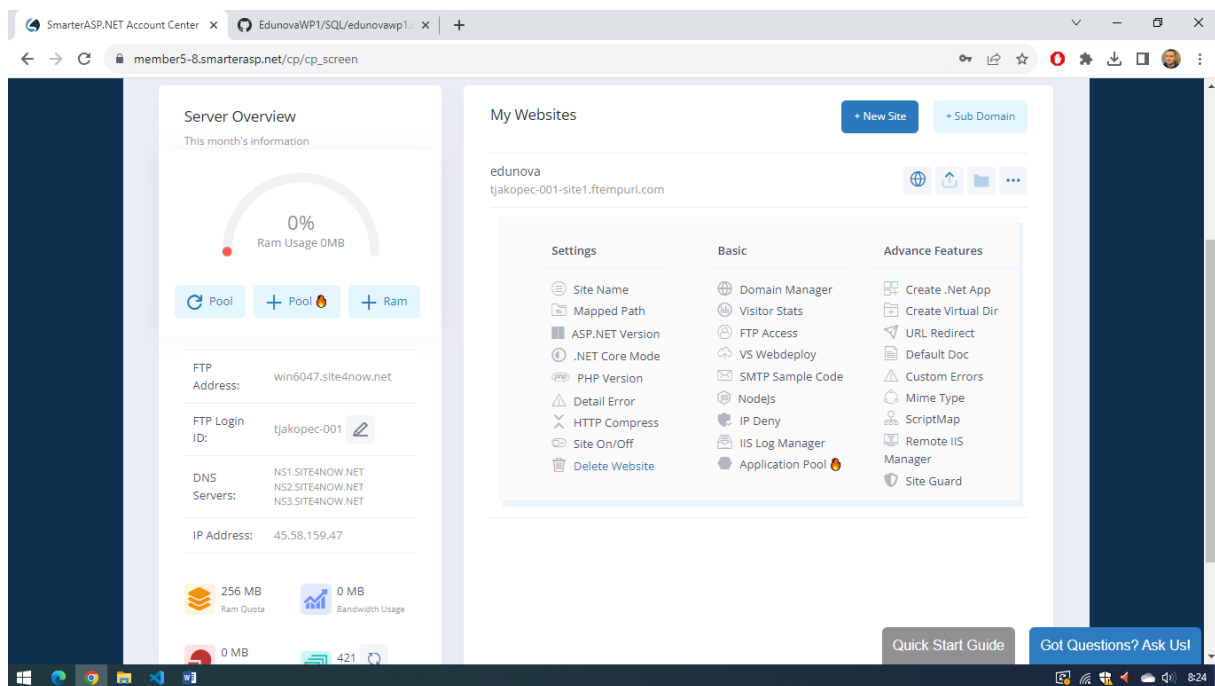


Sada je potrebno kreirati novo mrežno mjesto na smarterasp.net

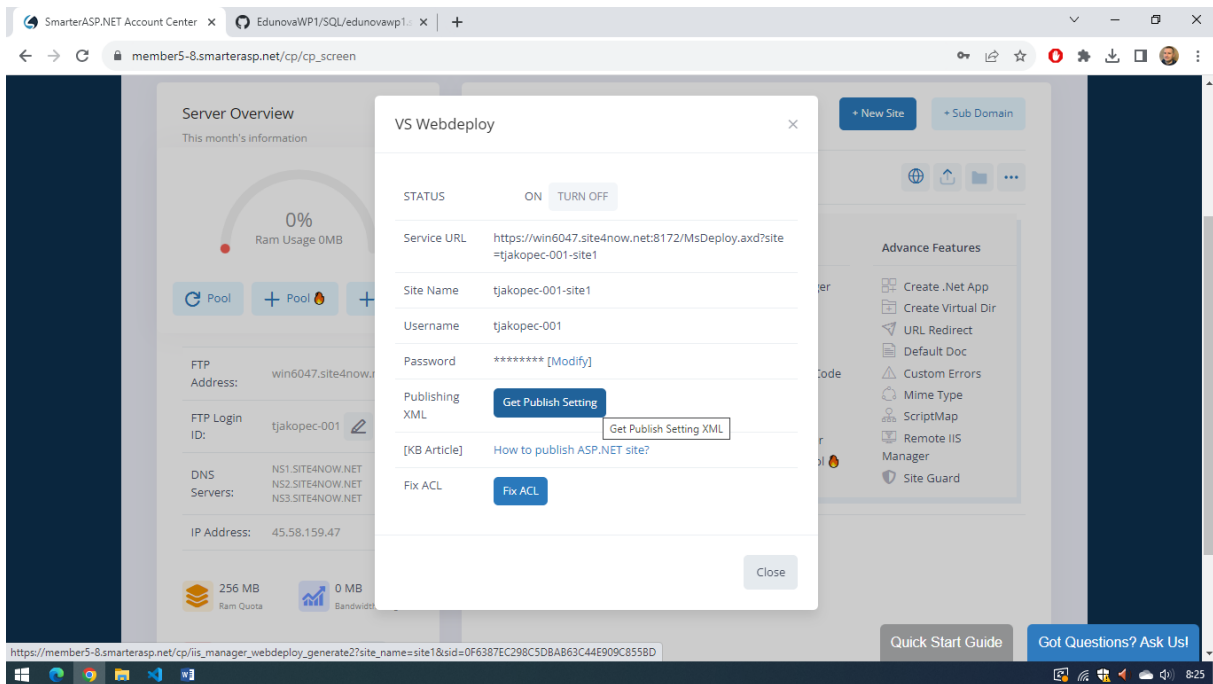




Potrebno je otići na VS webdeploy

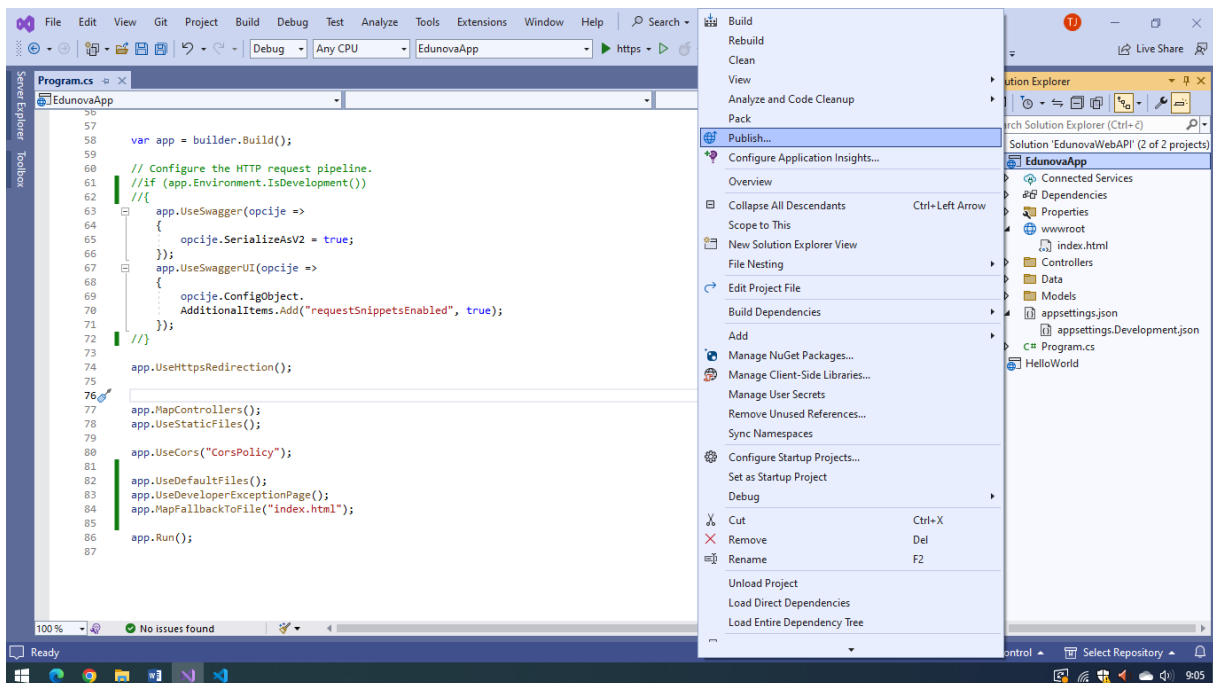


I preuzeti Publishing XML

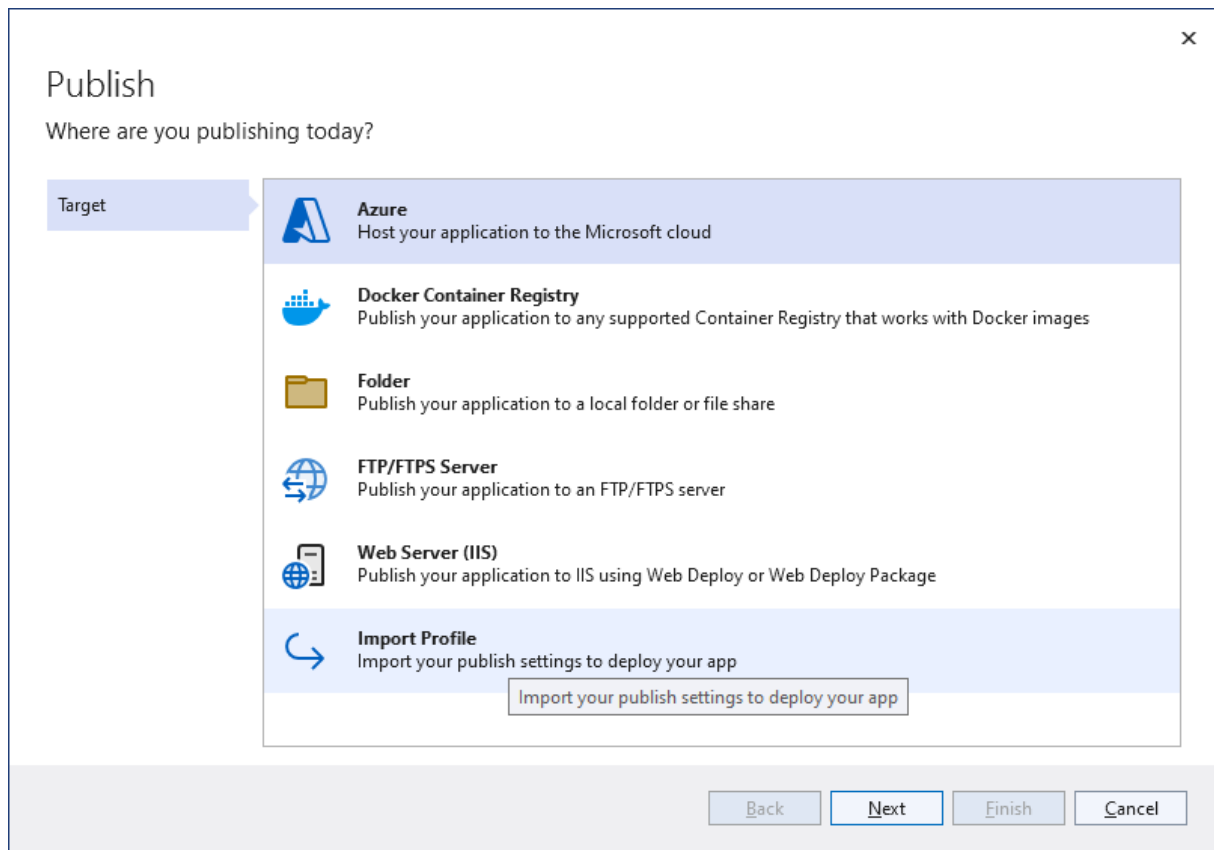


Na naše računalo će biti preuzeta datoteka site1.PublishSettings. Zapamtite gdje Vam je ta datoteka.

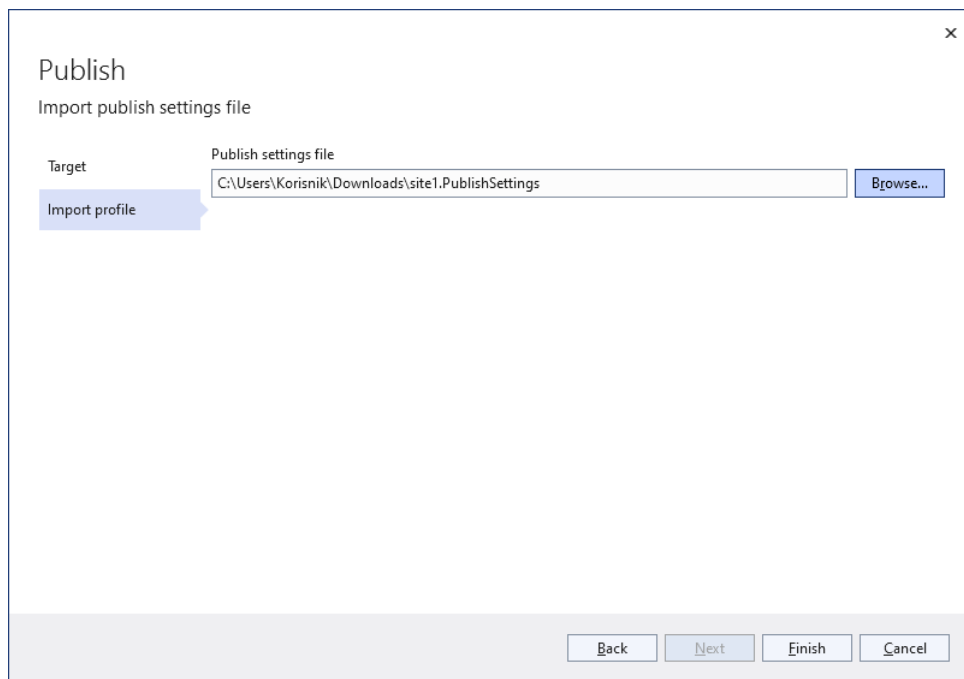
U VS idemo desni klik na projekt i odaberemo Publish



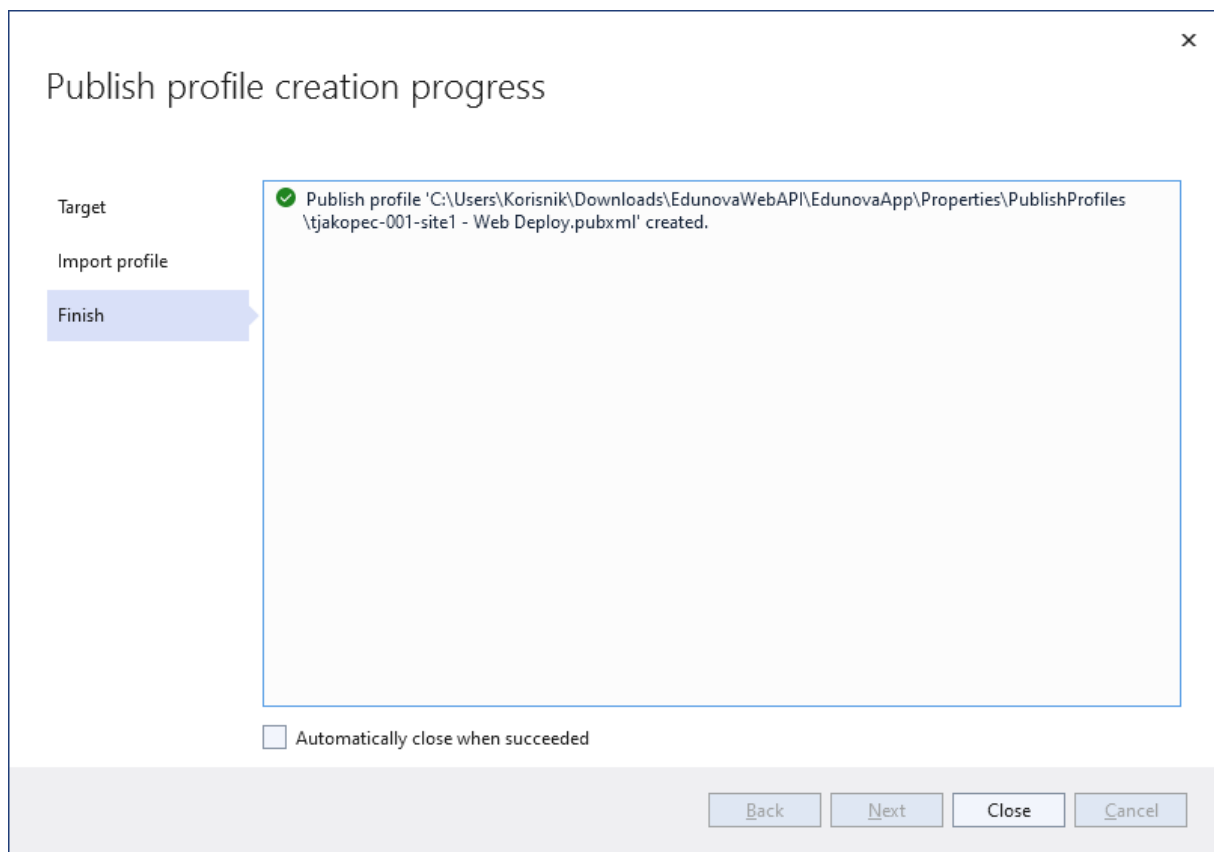
Zatim odaberemo Import profile pa next



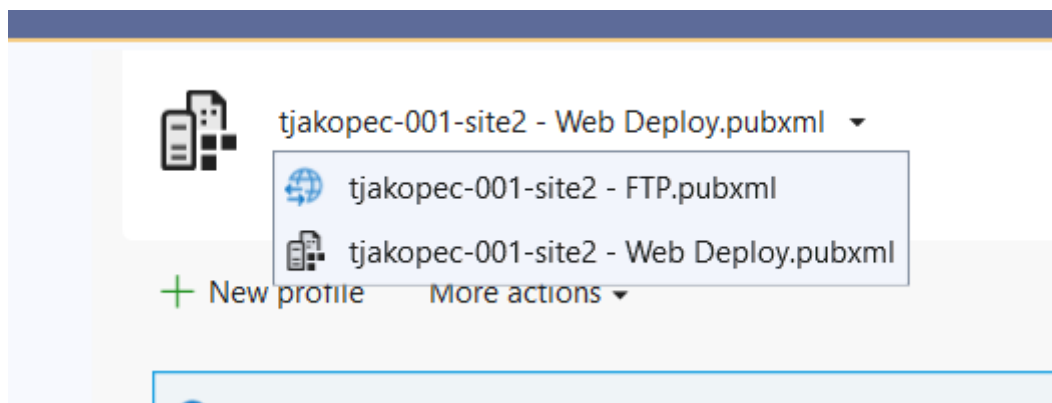
Odaberemo putanju preuzete datoteke s smarterasp.net i kliknemo finish



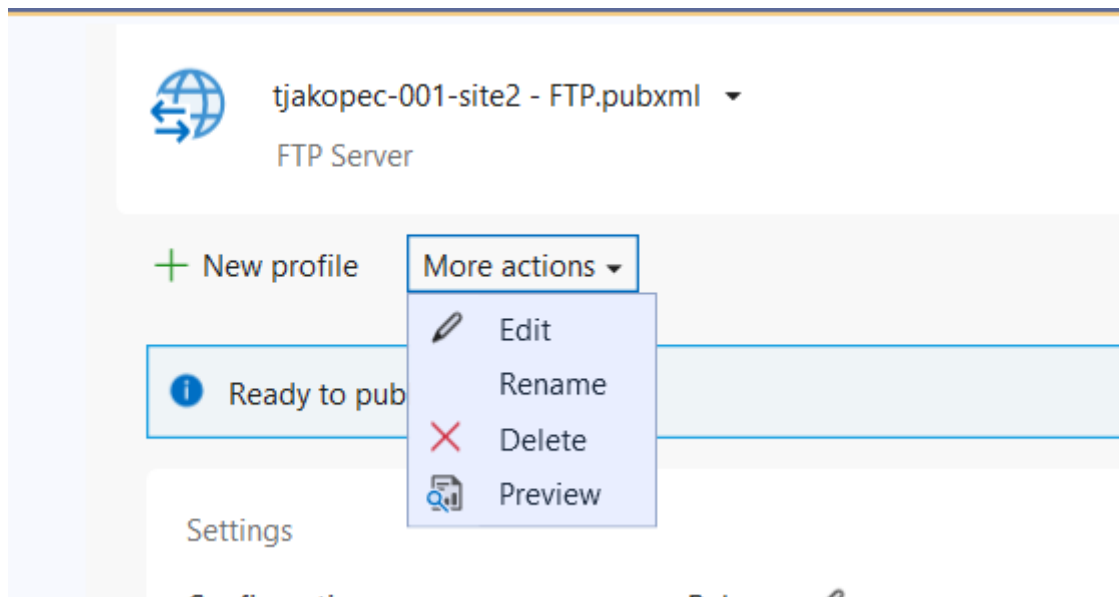
Ukoliko je uspješno učitao profil dobijemo poruku te zatvorimo taj prozor (Close)



Jednom dodan profil će zapravo dodati dva Publish profila: FTP i WebDeploy




FTP možemo obrisati na način da njega odaberemo te u More Actions odaberemo Delete



Isto tako imamo još složiti postavke na Web Deploy (Show all settings)

Dio Connection BITNO JE DODATI swagger na kraju Destination URL i ako želite spremiti lozinku

Publish ? X

 Publish

Connection **tjakopec-001-site2 - Web Deploy ***

Settings

Server:

Site name:

User name:

Password:


☒ Save password

Destination URL:

< Prev Next > Save Cancel

U dijeli Settings je potrebno postaviti Deployment Mode na Self-contained

Publish ? X

 Publish

Connection

Settings

tjakopec-001-site2 - Web Deploy *

Configuration:

Release

Target Framework:

net9.0

Deployment Mode:

Self-contained

[Learn about deployment modes](#)

Target Runtime:

win-x86

File Publish Options

Databases

< Prev

Next >

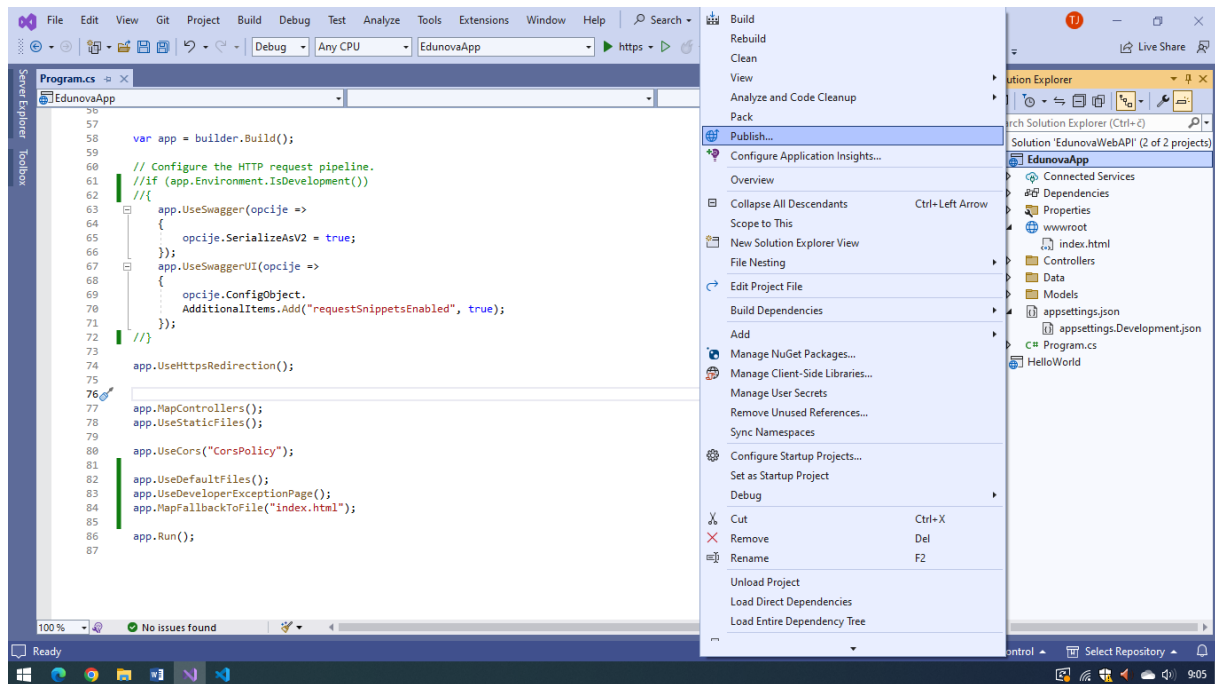
Save

Cancel

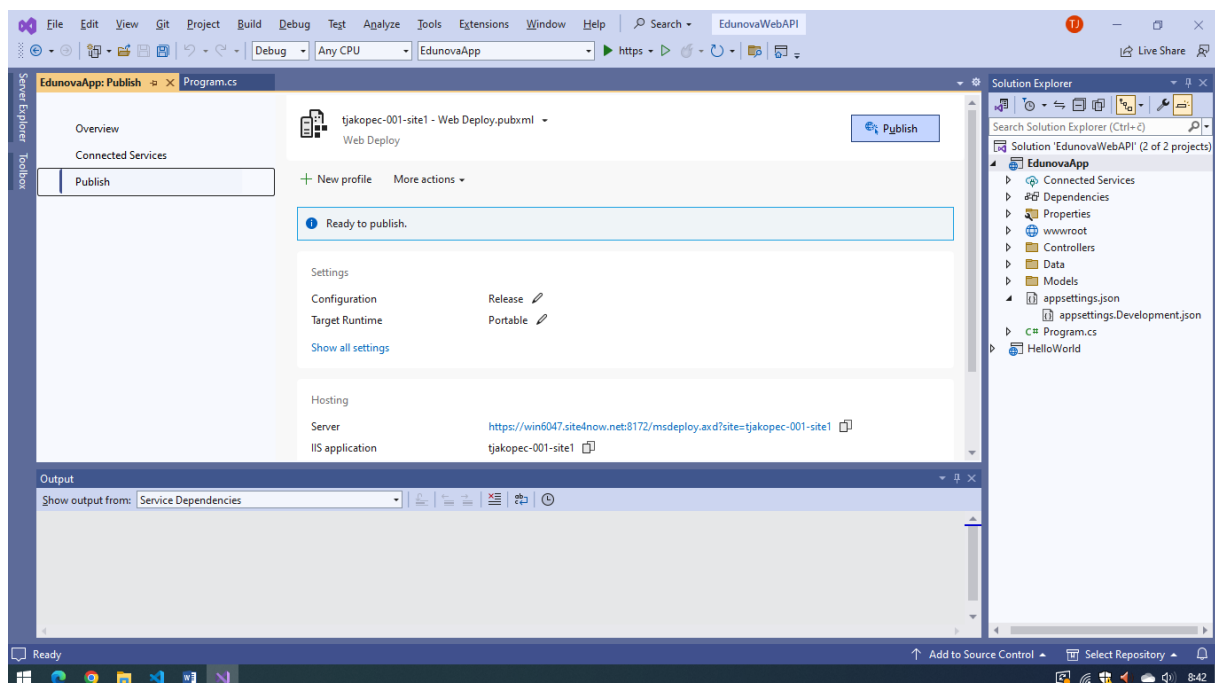
Sve ove prethodne korake je trebalo odraditi jednom.

Sljedeći koraci se odrađuju svaki puta kada želimo staviti aplikaciju u produkciju.

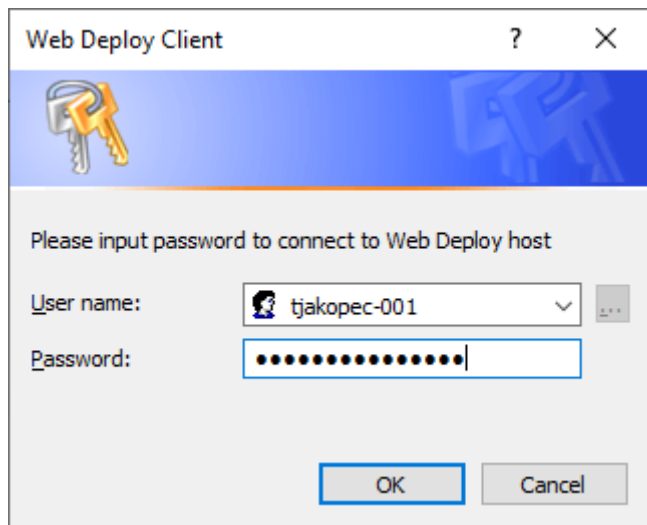
Desni klik na ime projekta i Publish



Pripaziti da je odabrana opcija Web Deploy. Zatim gore desno klik na Publish

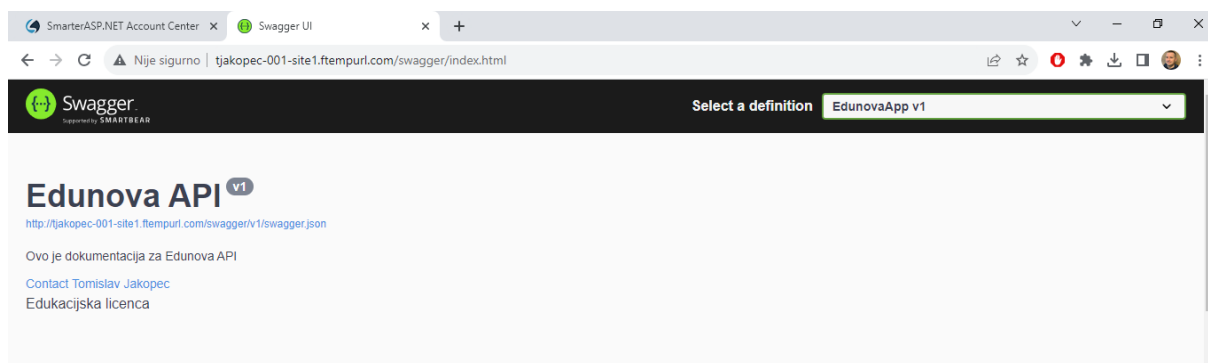


Tražiti će lozinku (ako ju niste spremili) na sparterasp.net korisnika. Lozinka korisnika i lozinka baze mogu biti različite ali radi jednostavnosti mi smo stavili iste pa tu zalijepimo lozinku korisnika i kliknemo OK

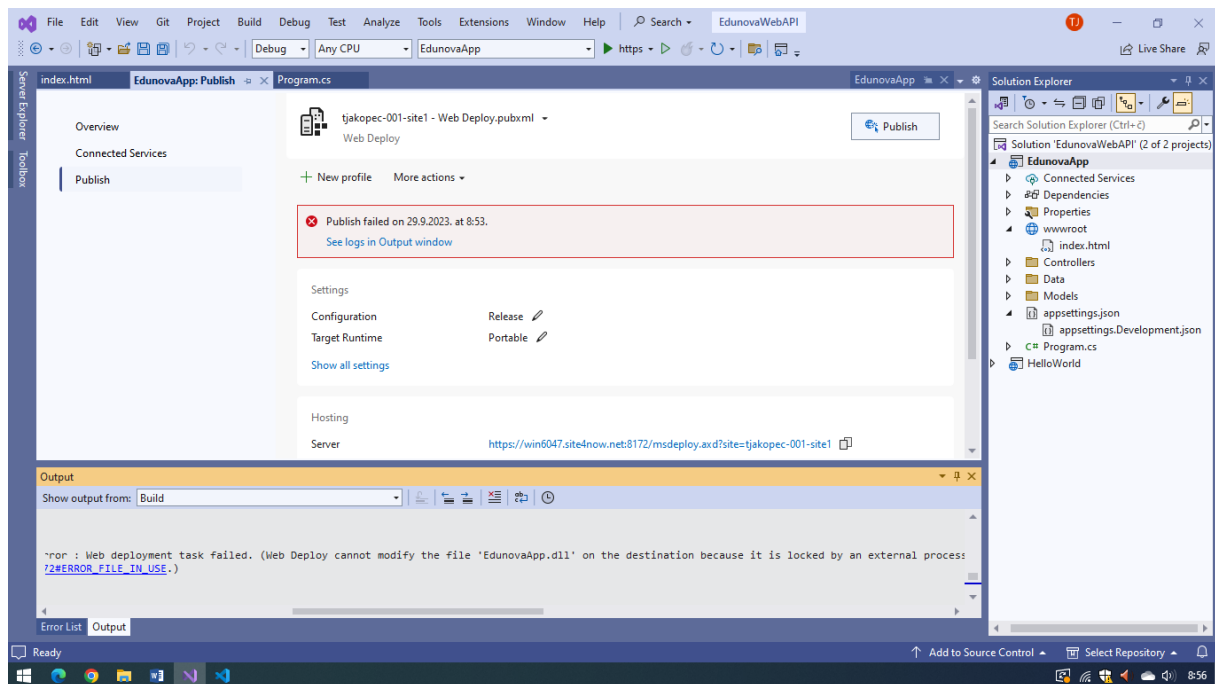


The image shows a 'Web Deploy Client' dialog box. It has a title bar with a question mark and a close button. Below the title bar is a blue header with a key icon. The main text says 'Please input password to connect to Web Deploy host'. There are two input fields: 'User name:' with a dropdown menu showing 'tjakopec-001' and a 'Show/Hide' button, and 'Password:' with a masked input field containing 12 dots. At the bottom are 'OK' and 'Cancel' buttons.

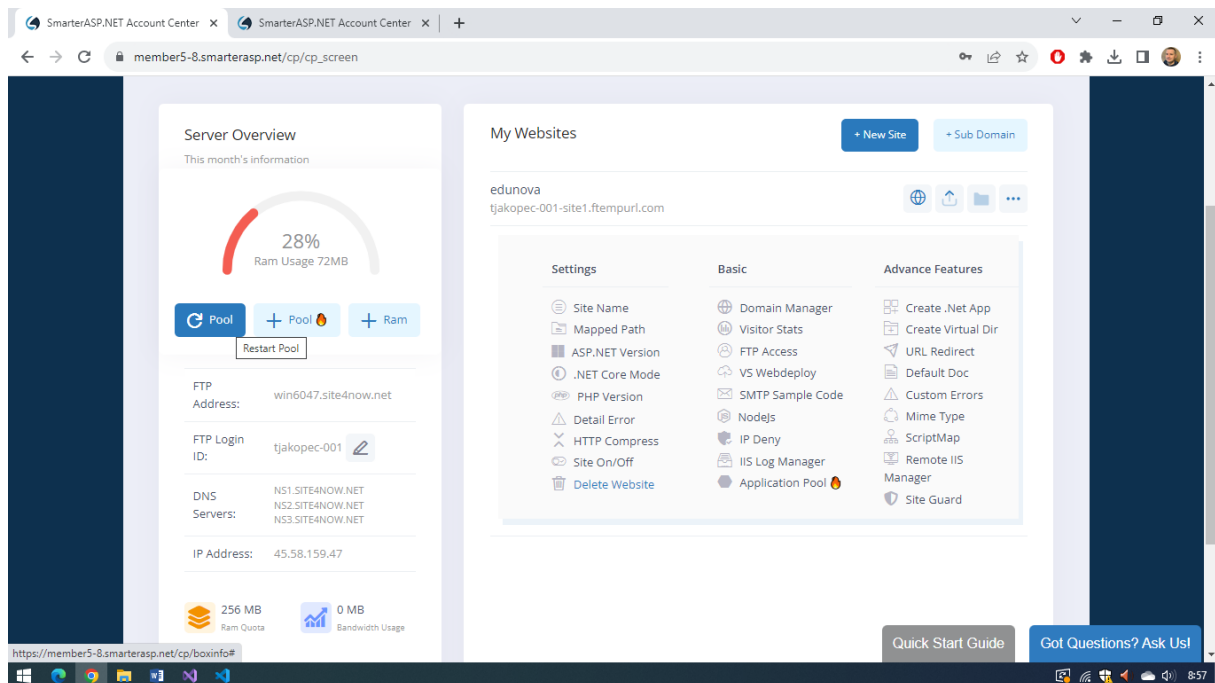
Otvara se preglednik s swagger stranicom u produkciji.



Ukoliko ne prođe Publish



Na smarterasp.net idemo restartati pool aplikacije

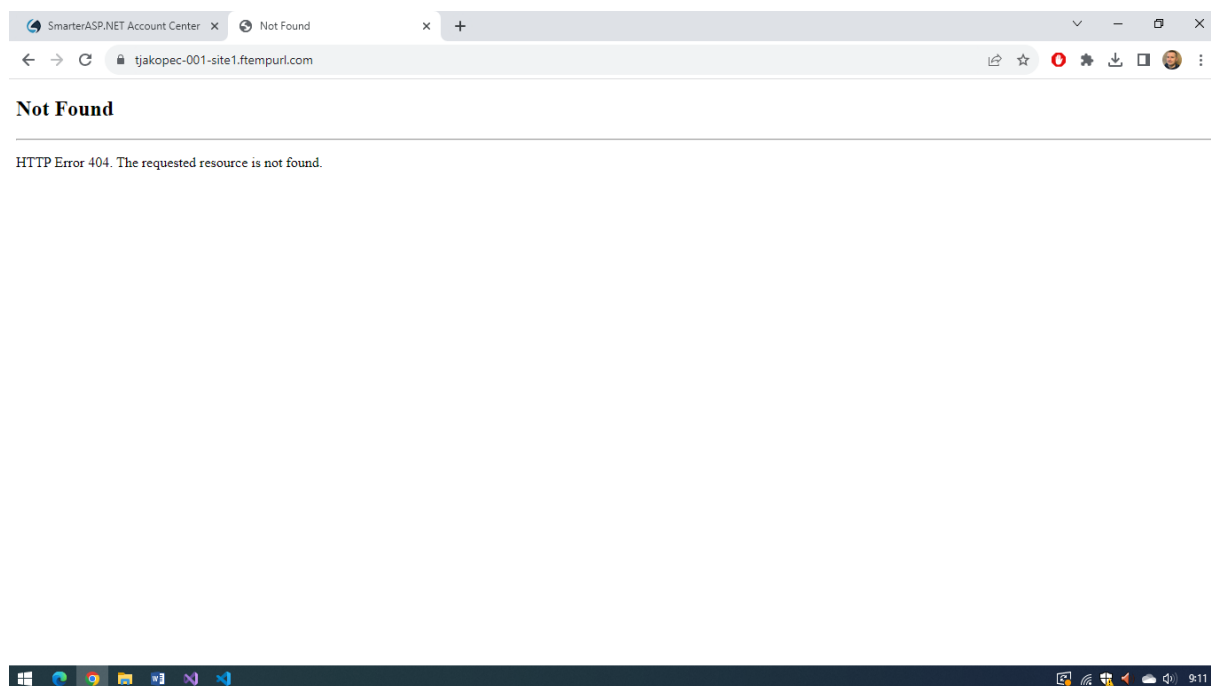


Pa ponovo publish u VS

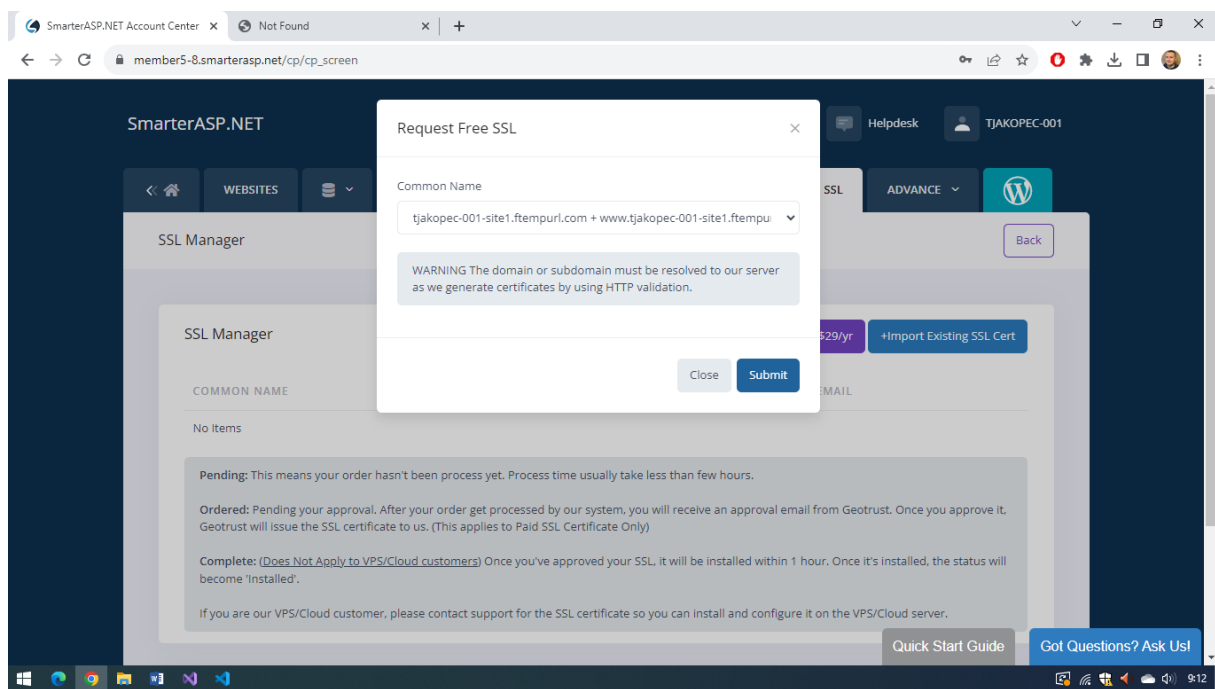
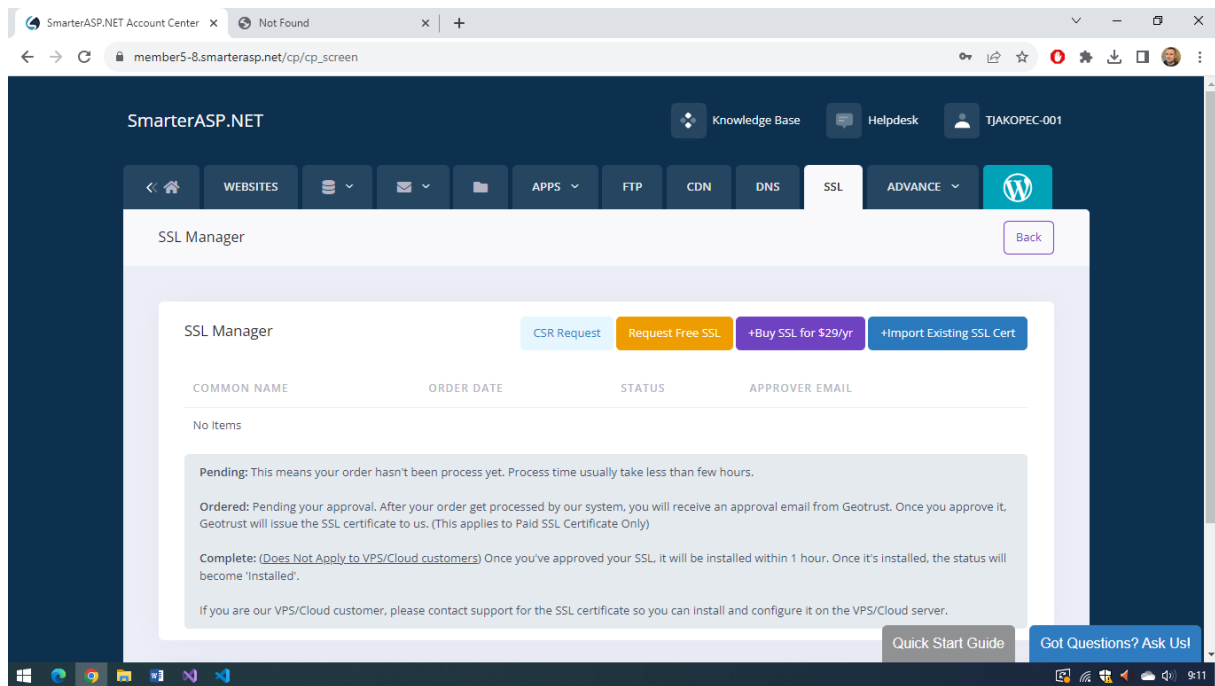
http/https NAPOMENA

Moja domena je <http://tjakopec-001-site1.ftempurl.com/>

Preglednik će forsirati **https** i onda ćemo dobiti grešku

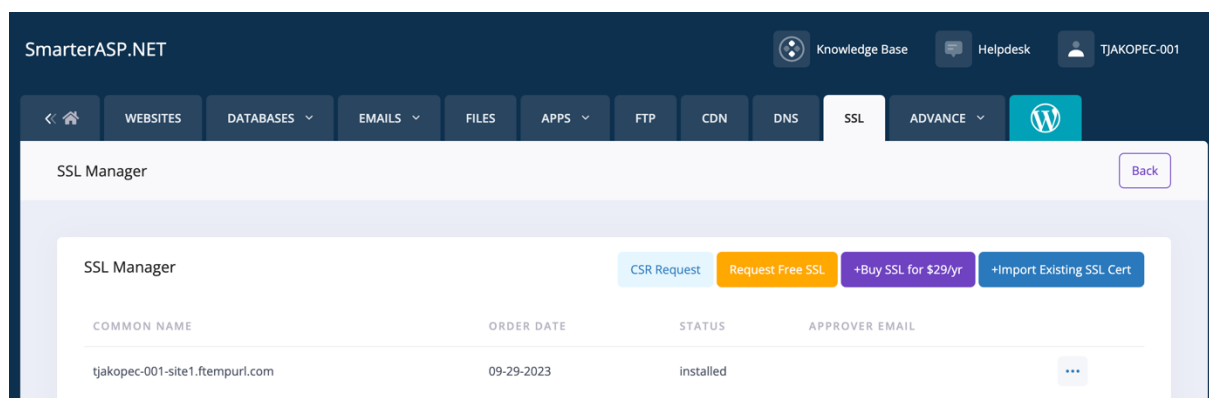


Kako bi u budućnosti izbjegli tu grešku na smarterasp.net idemo na SSL, Request free SSL



Trebati će im neko vrijeme ali nakon toga naša aplikacija će biti dostupna putem https!

U mom slučaju trebalo im je jedan dan.



Sada je osnovni URL našeg backend REST API: **<https://tjakopec-001-site1.ftempurl.com/api/v1>**