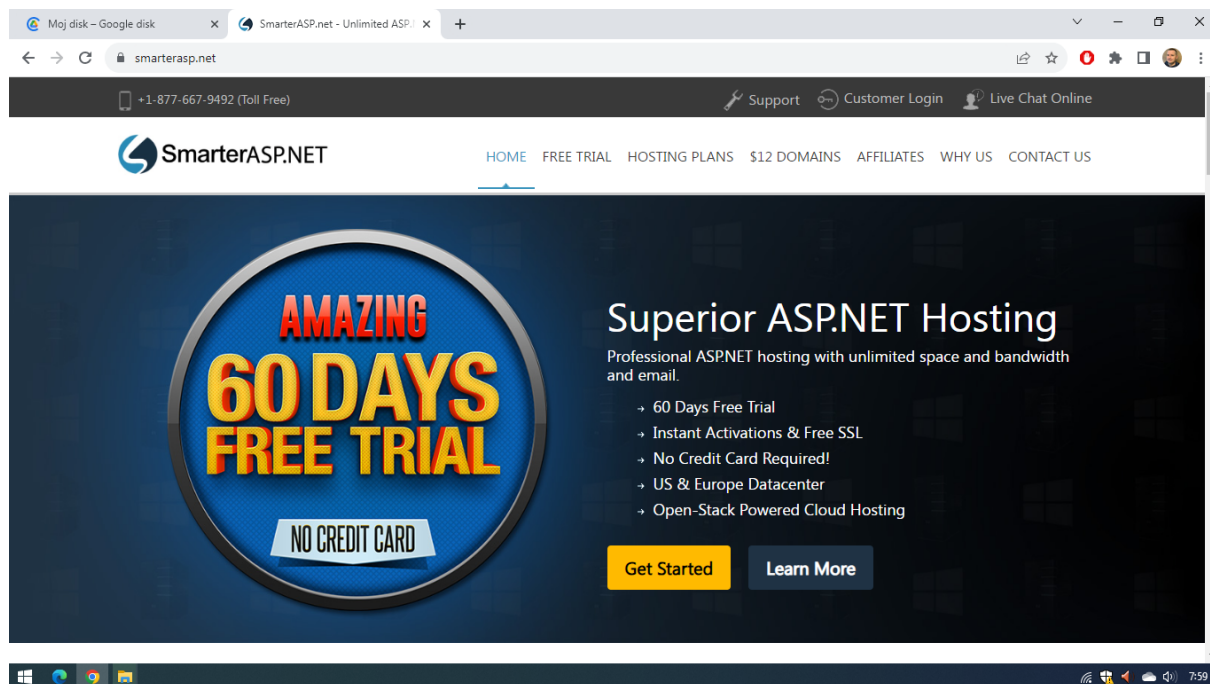
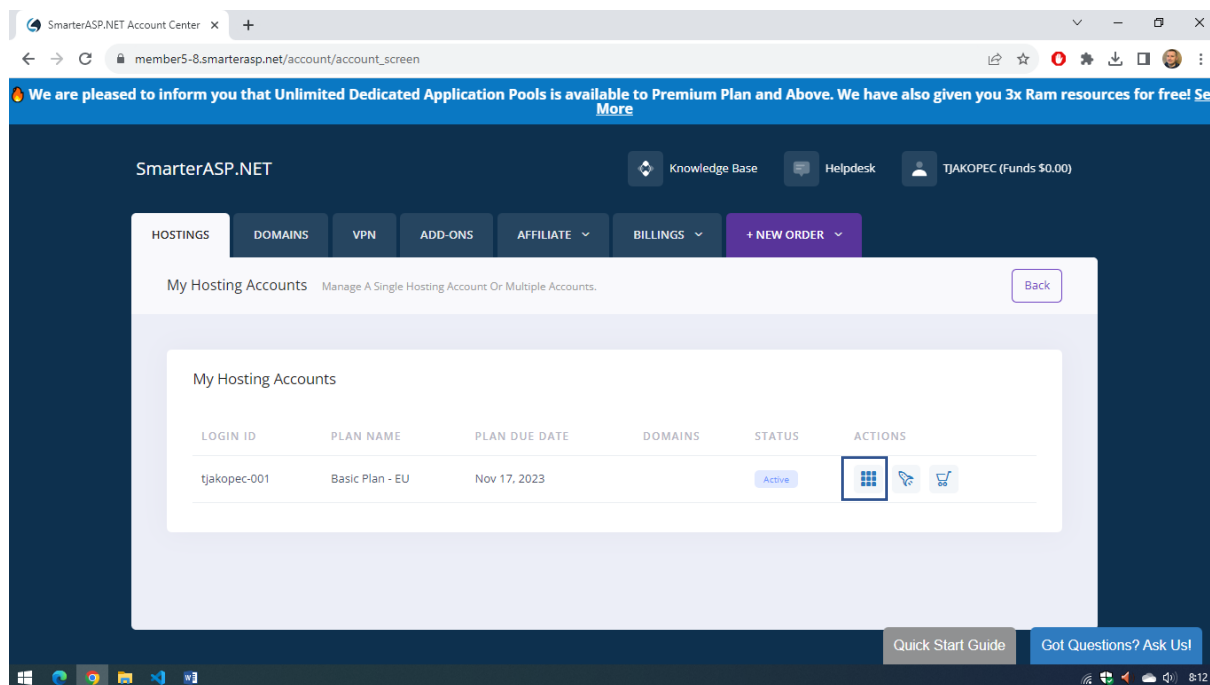


Za potrebe produkcije koristimo SmarterASP.NET

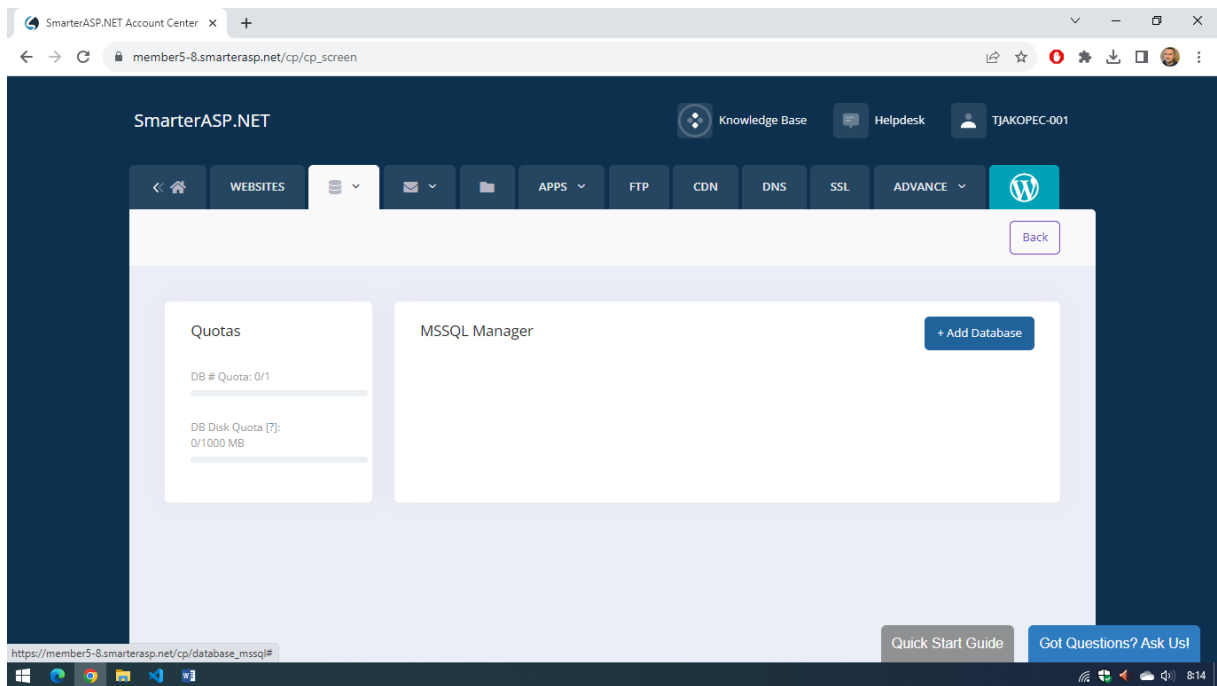
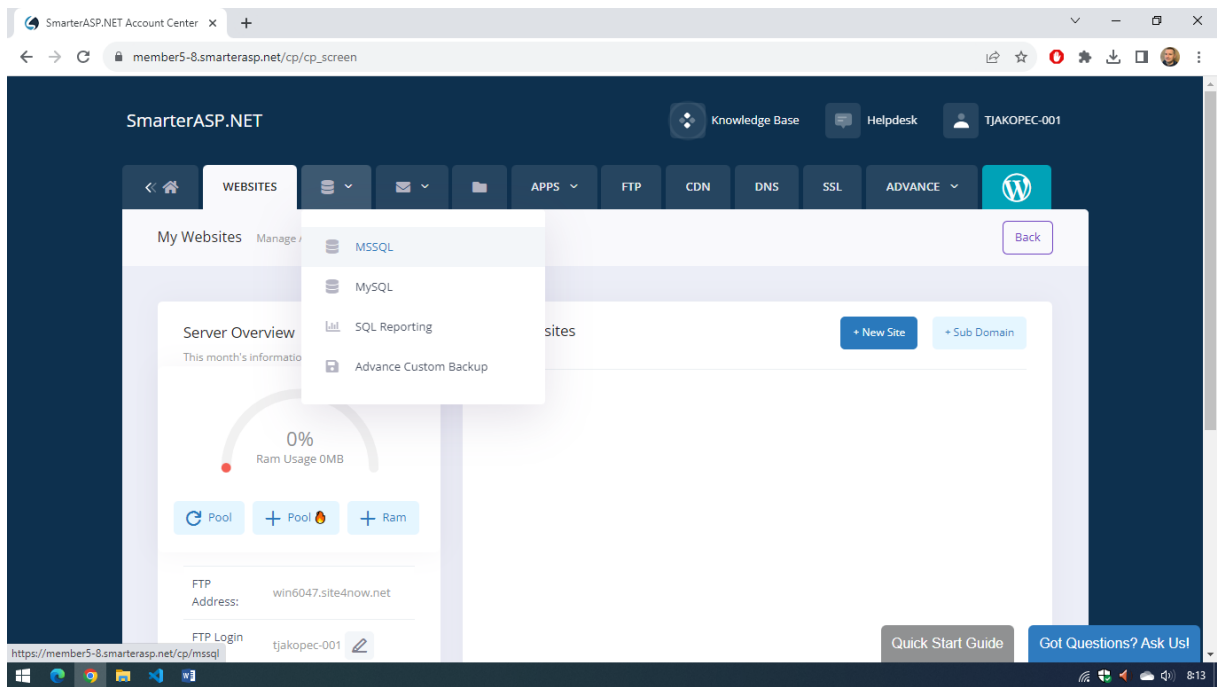
<https://www.smarterasp.net/>



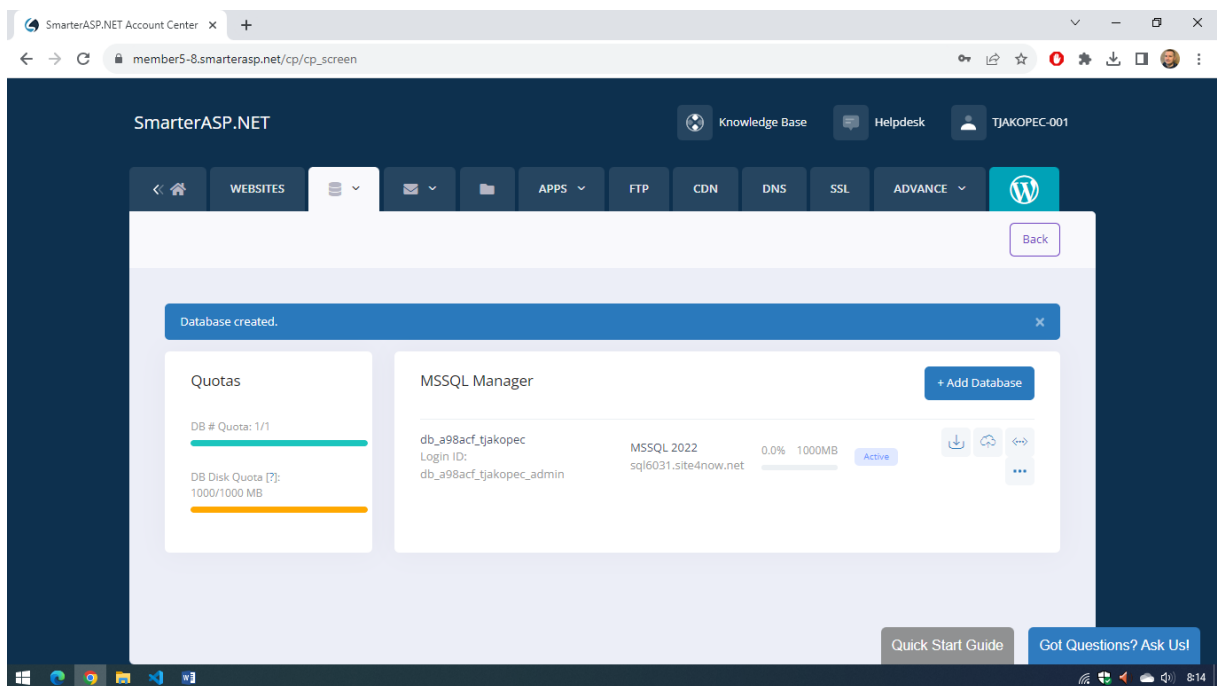
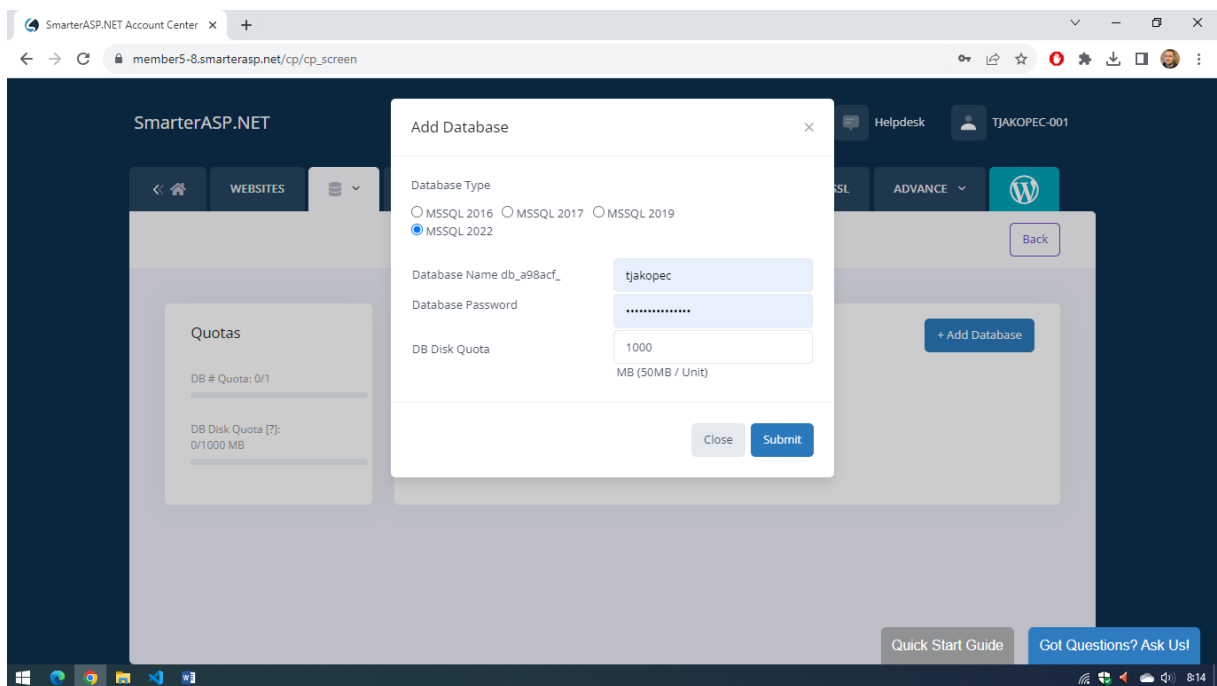
Otvorite račun i logirajte se



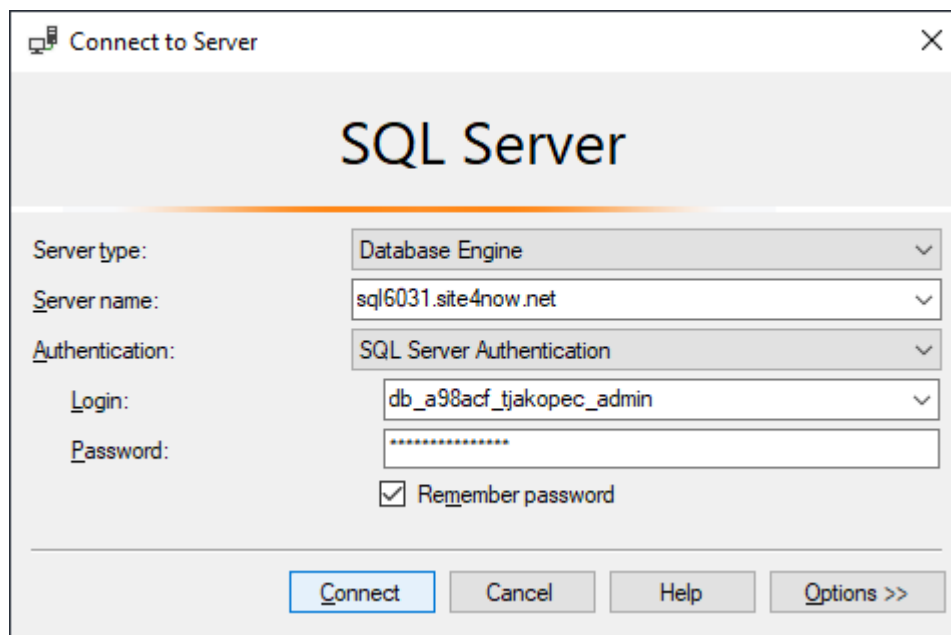
## Kreiranje baze podataka



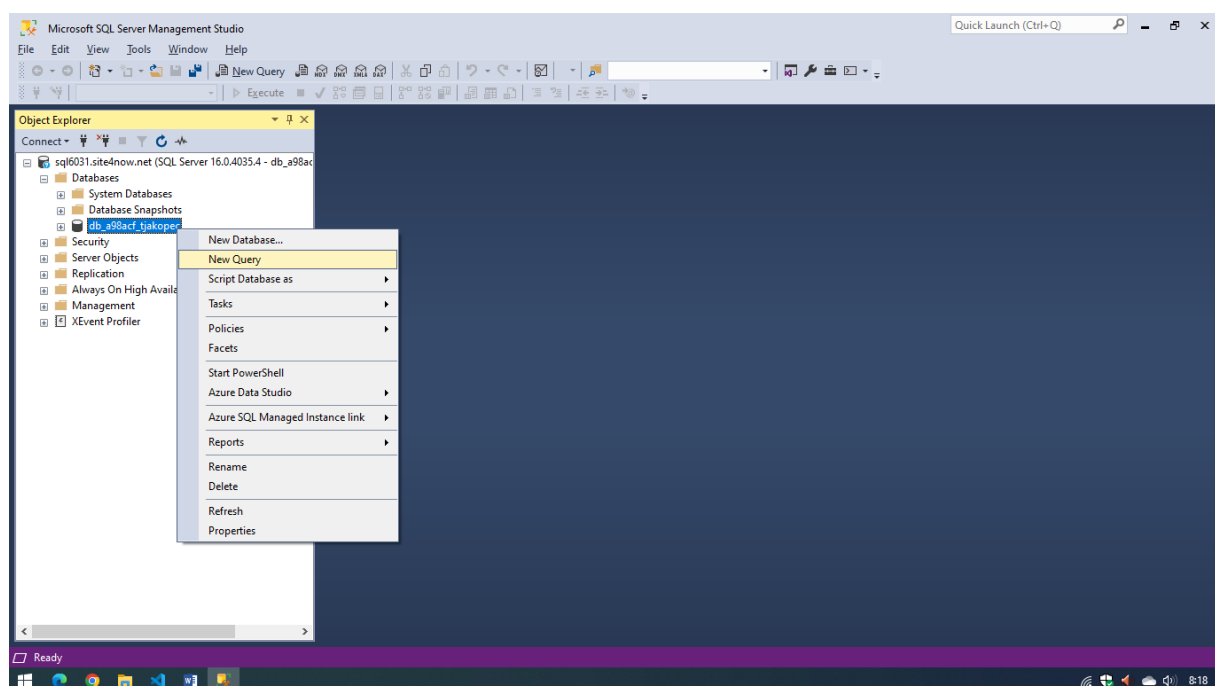
Lozinku postavite istu kao za smarterasp.net račun radi lakšeg snalaženja



Otvoriti SSMSE i spojiti se s podacima dostupnim na smarterasp.



Treba Vas čekati Vaša baza



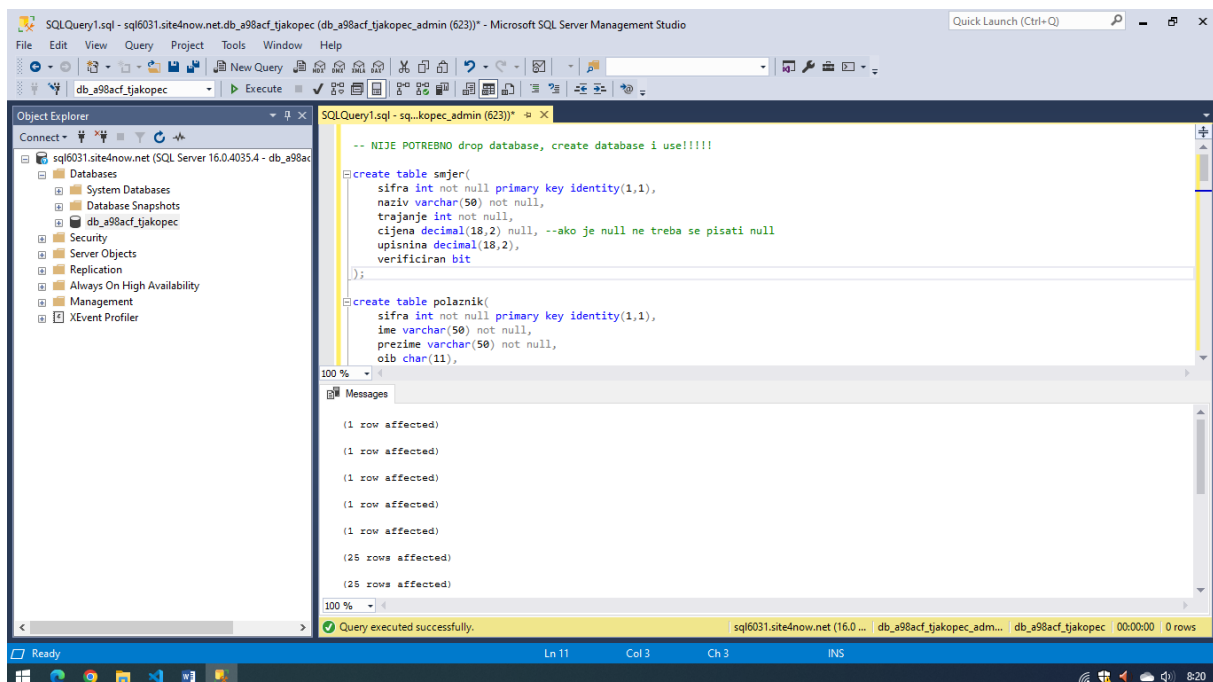
Prvo je potrebno promijeniti kodnu stranicu baze kako bi imali čšćđž ČŠĆĐŽ.

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

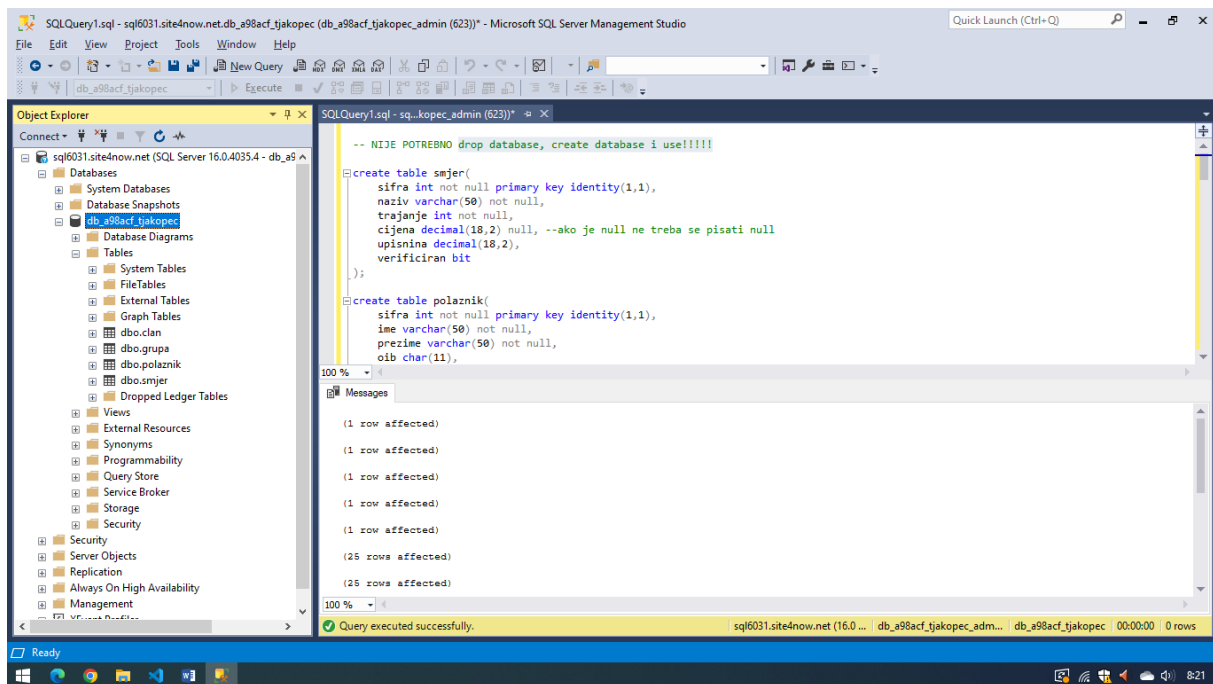
Izvesti sve naredbe odjednom (naziv baze **db\_a98acf\_tjakopec** zamijeniti nazivom svoje baze):

```
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 main query window contains the following SQL code:

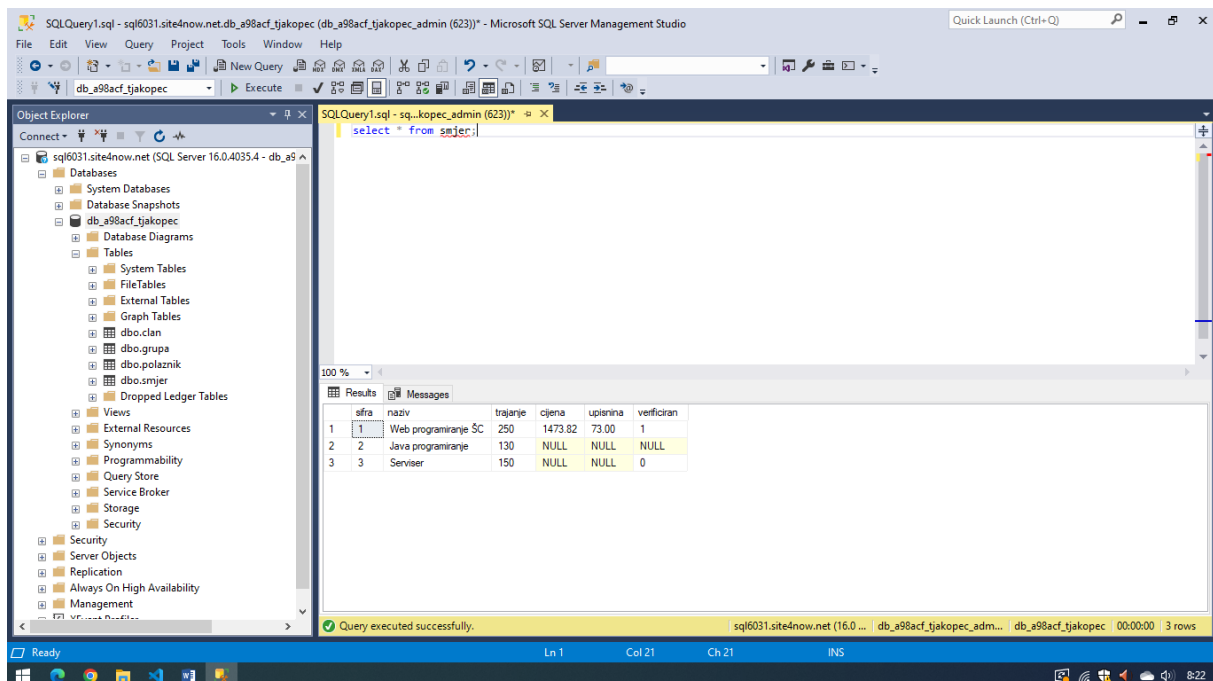
```
-- NIJE POTREBNO drop database, create database i use!!!!  
  
create table smjer(  
    sifra int not null primary key identity(1,1),  
    naziv varchar(50) not null,  
    trajanje int not null,  
    cijena decimal(18,2) null, --ako je null ne treba se pisati null  
    upisnina decimal(18,2),  
    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 pane 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. sql6031.site4now.net (16.0 ... db\_a98acf\_tjakopec\_admin... db\_a98acf\_tjakopec 00:00:00 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 main query window contains the following SQL code:

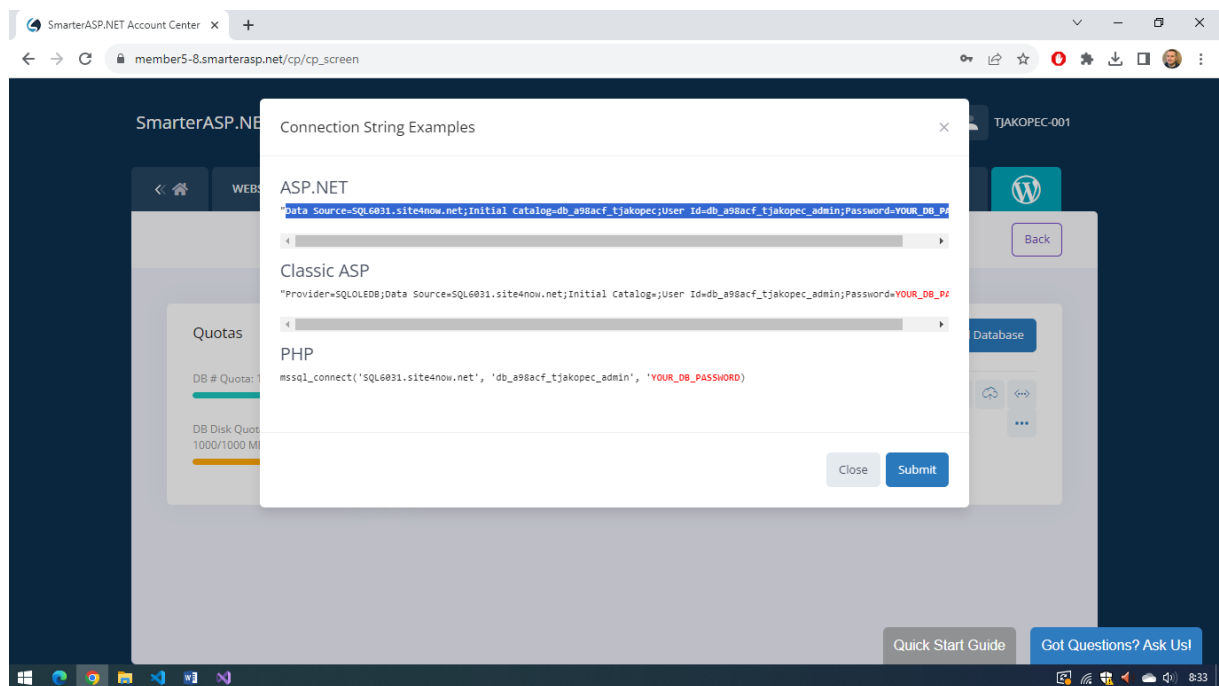
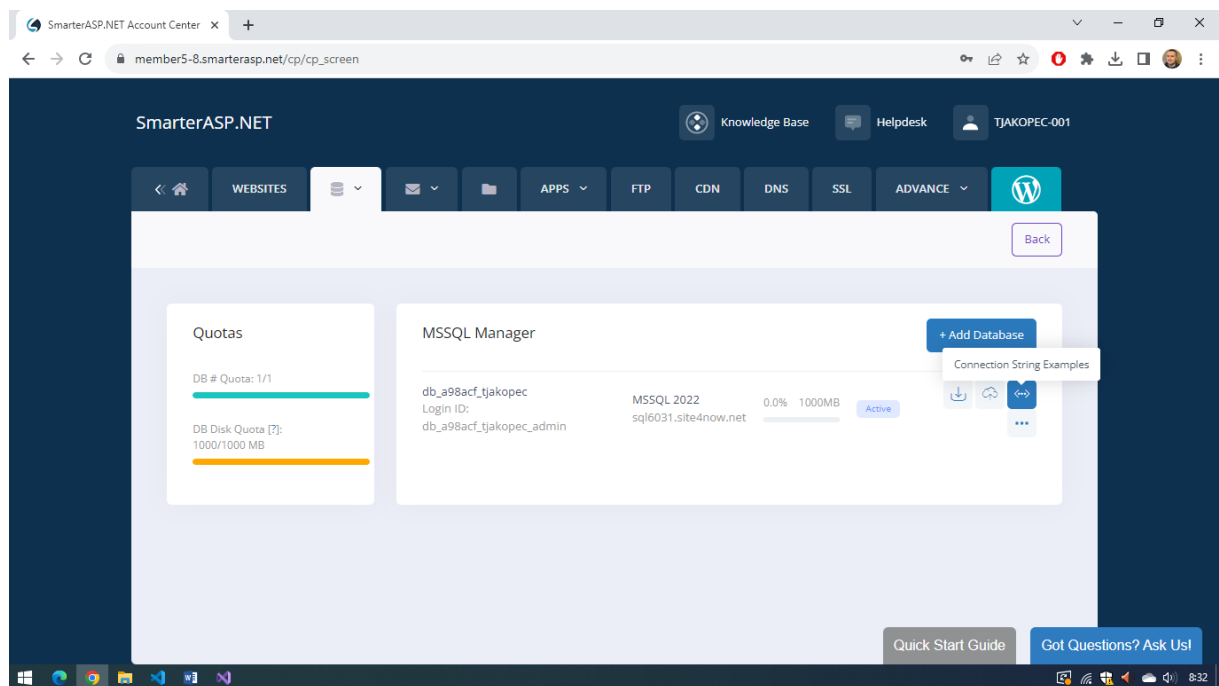
```
select * from smjer;
```

The Results pane at the bottom shows the data retrieved from the 'smjer' table:

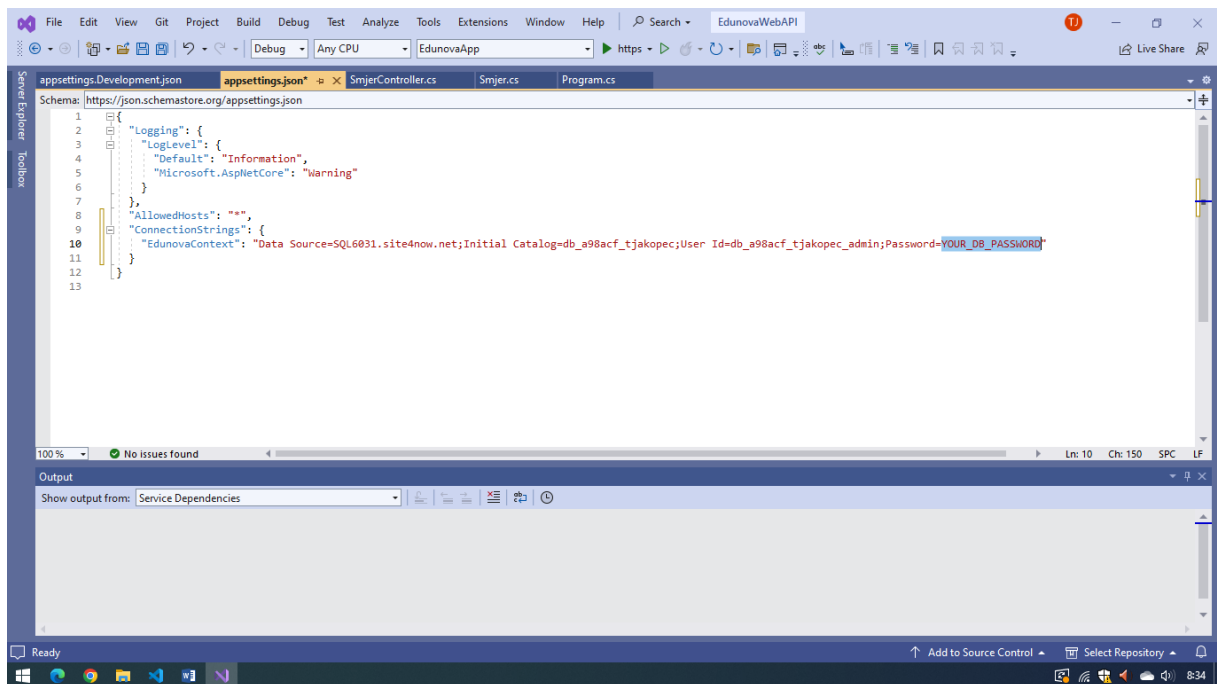
sifra	naziv	trajanje	cijena	upisnina	verificiran
1	Web programiranje SC	250	1473.82	73.00	1
2	Java programiranje	130	NULL	NULL	NULL
3	Serviser	150	NULL	NULL	0

The status bar at the bottom indicates: 'Query executed successfully. sql6031.site4now.net (16.0 ... db\_a98acf\_tjakopec\_admin... db\_a98acf\_tjakopec 00:00:00 3 rows'.

Potrebno je preuzeti connection string za bazu

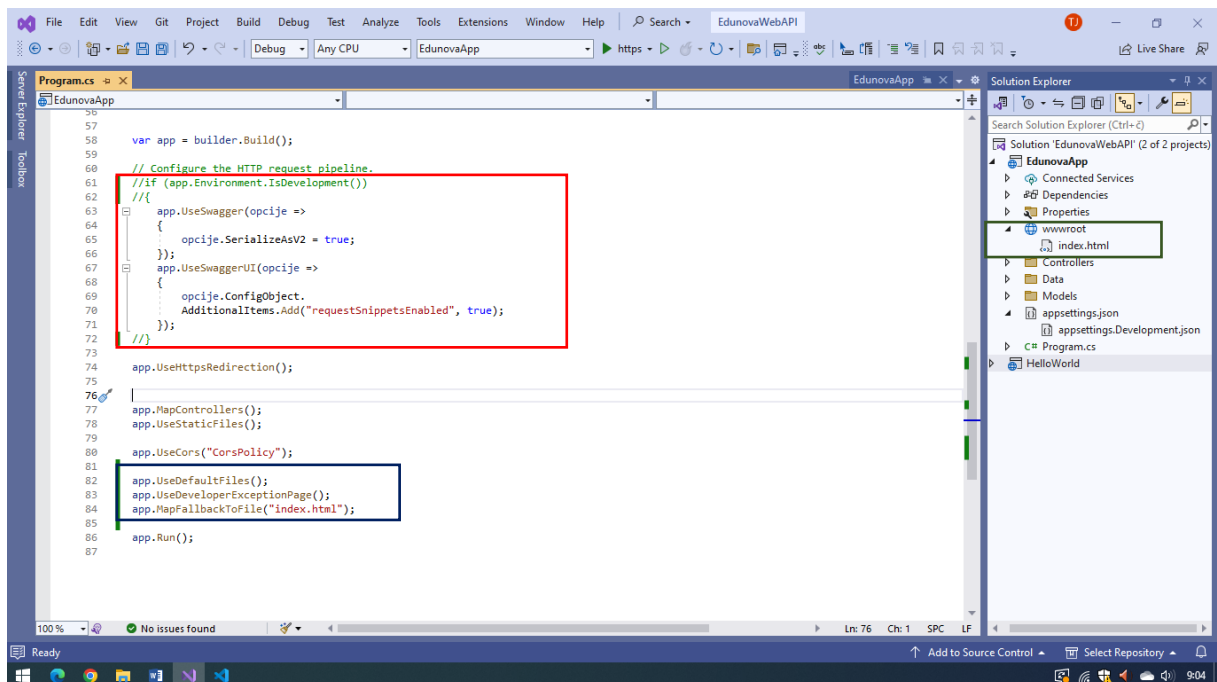


I postaviti ga u appsettings.json (NE U appsettings.Development.json) i upisati lozinku



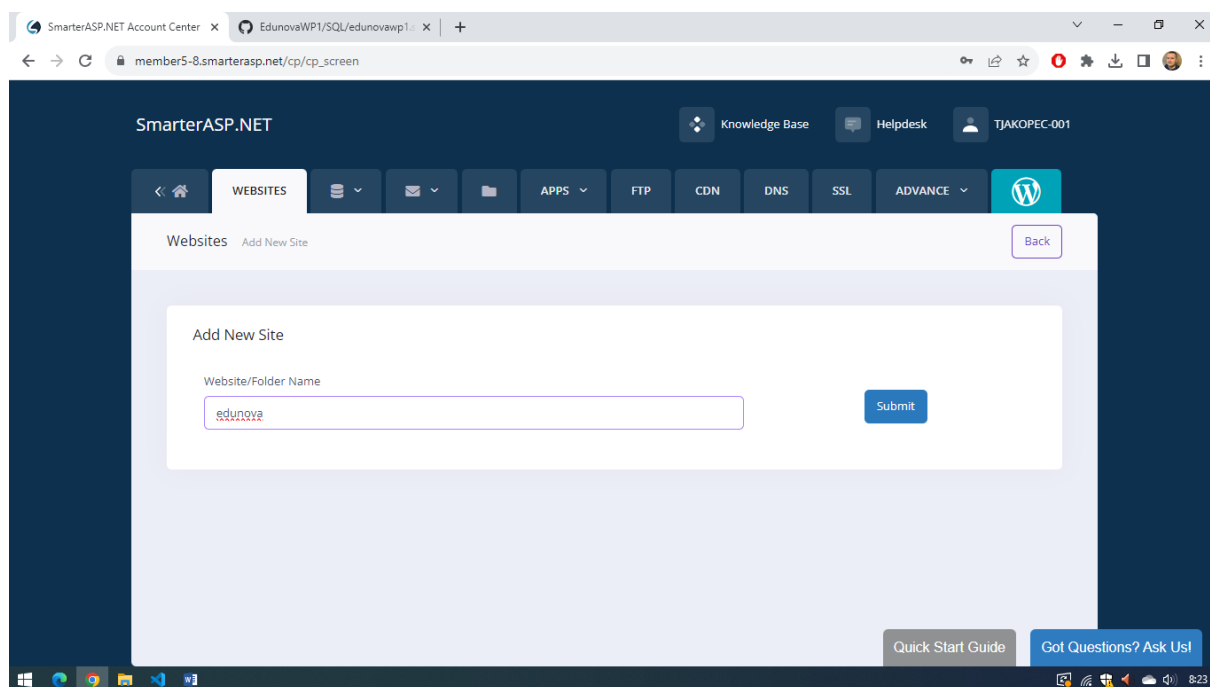
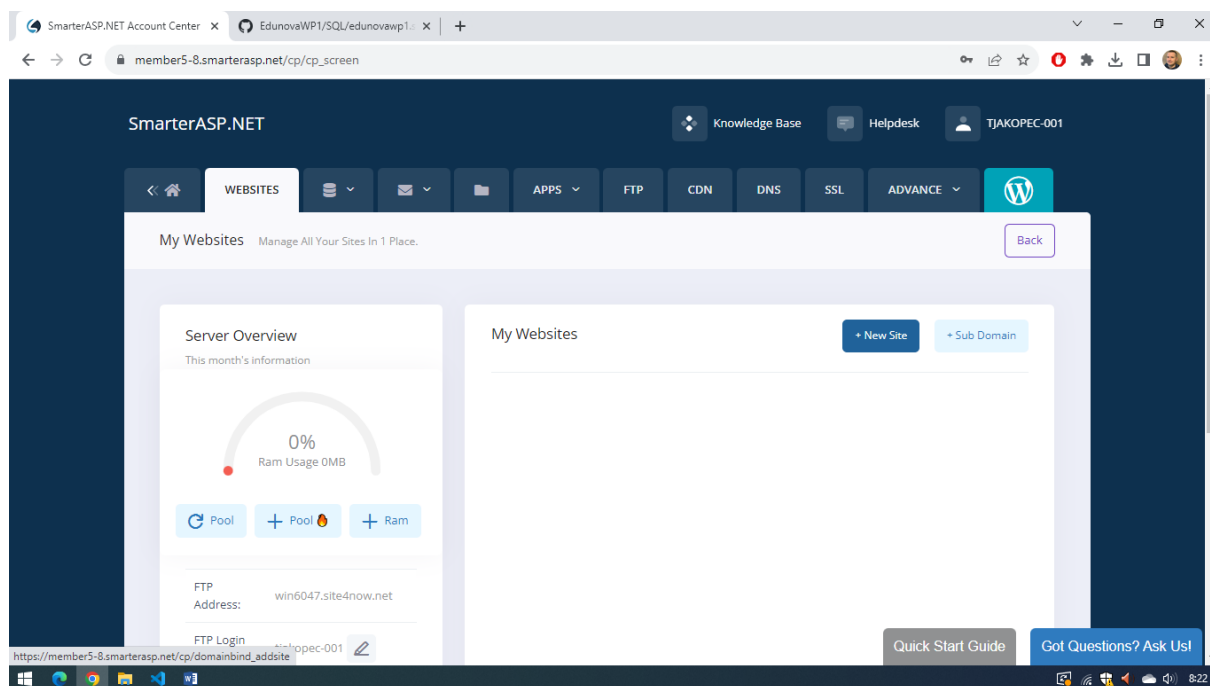
Kako bi nam swagger radio i u produkciji potrebno je zakomentirati if koji trenutno swagger omogućuje samo u razvoju (crveno pravokutnik). Isto tako potrebno je za produkciju definirati još nekoliko direktiva (plavi pravokutnik).

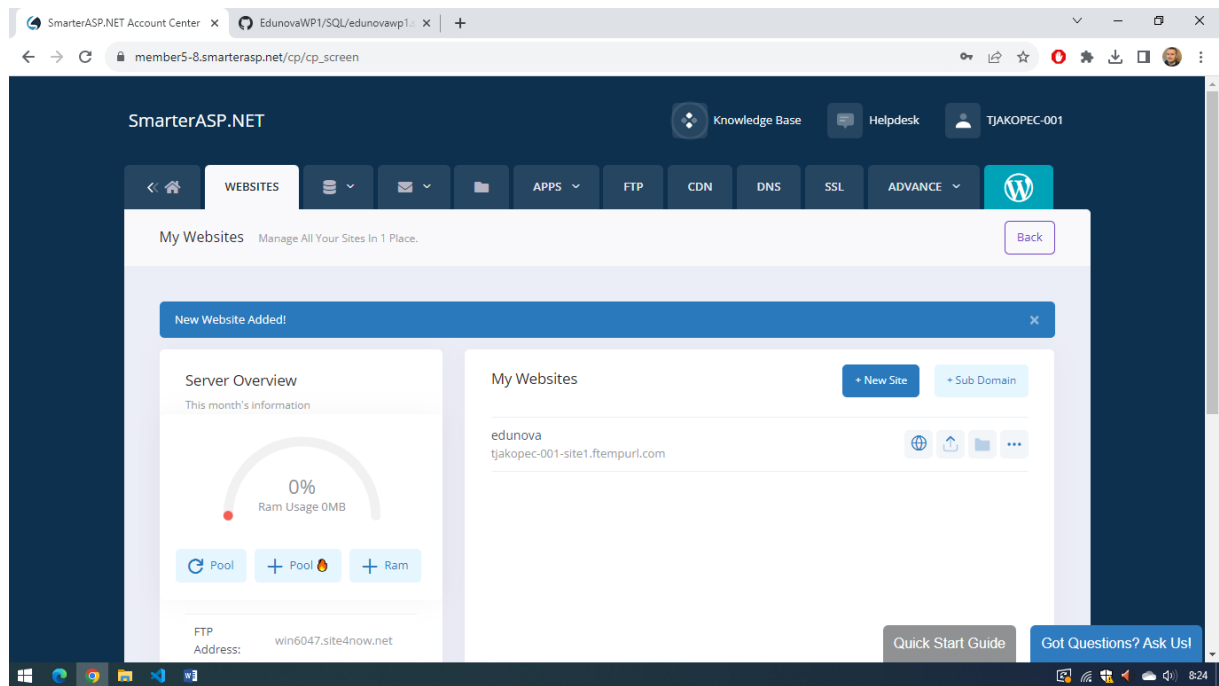
Također je potrebno napraviti direktorij wwwroot te u njemu datoteku indeks.html (zeleni pravokutnik).



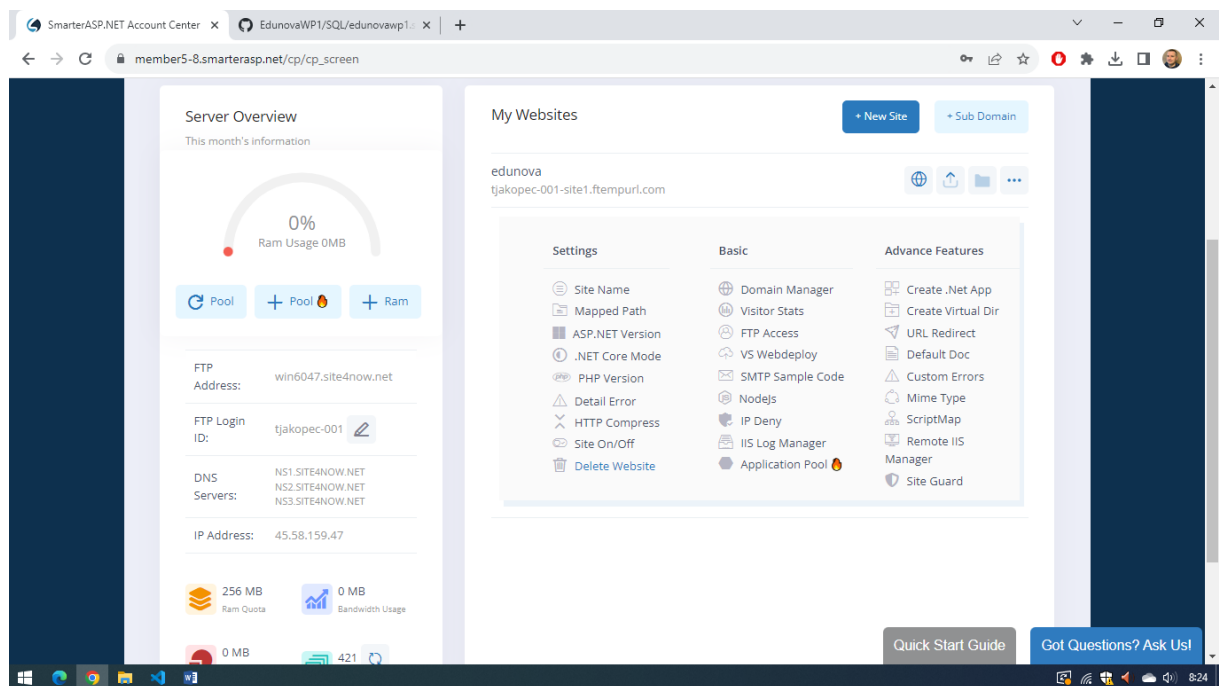


Sada je potrebno kreirati novo mrežno mjesto na smartenasp.net

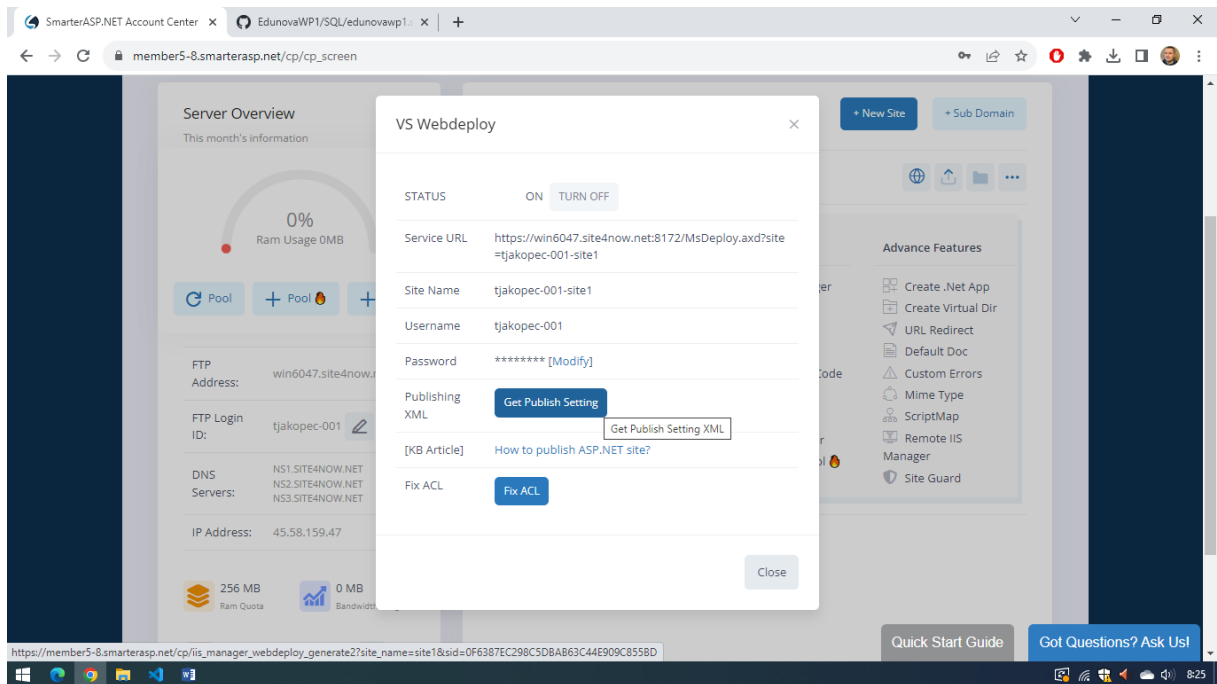




Potrebno je otići na VS webdeploy

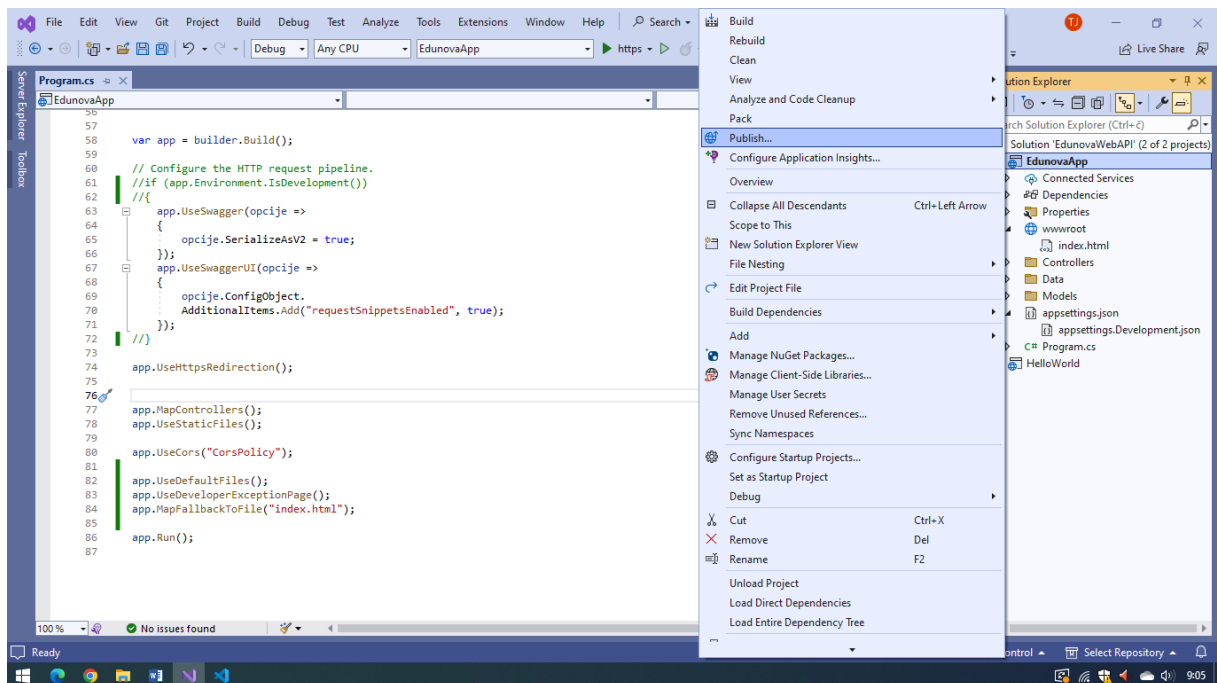


## I preuzeti Publishing XML

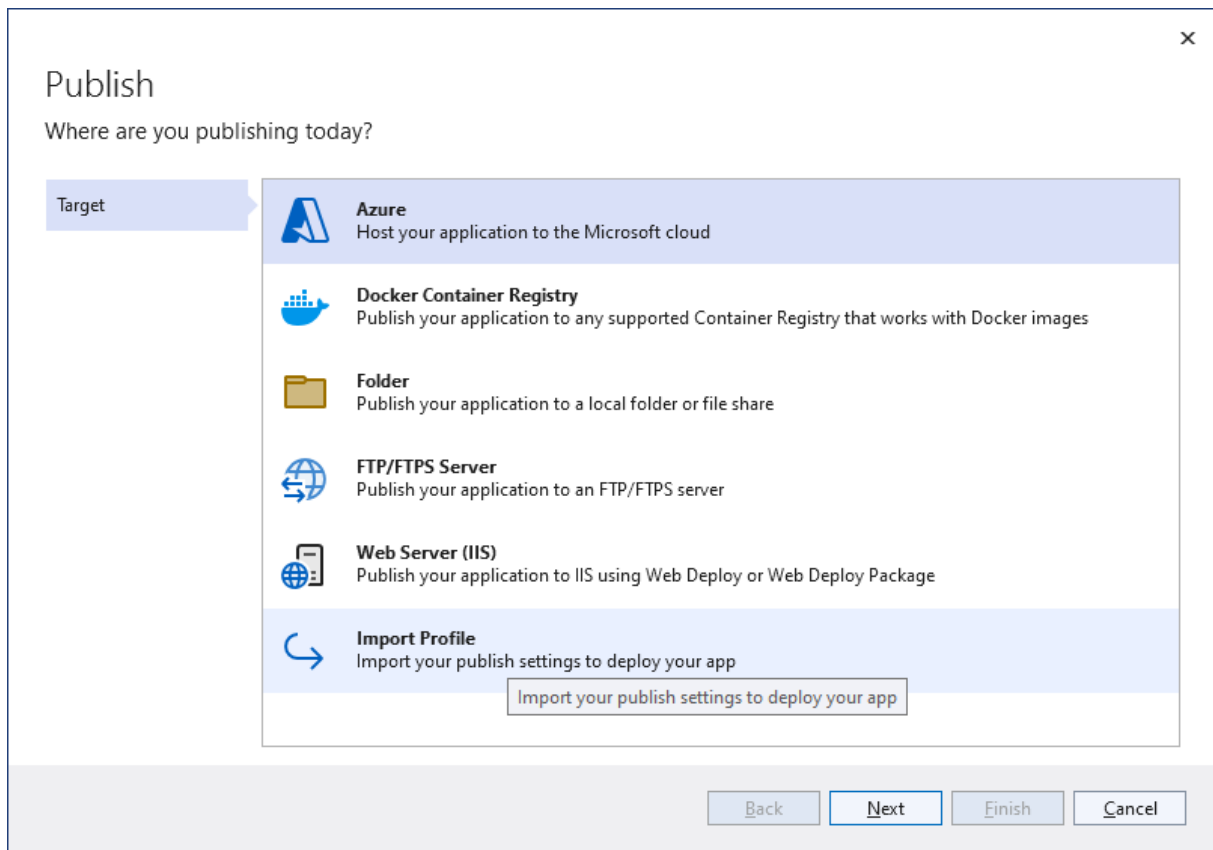


Na naše računalo će biti preuzeta datoteka site1.PublishSettings. Zapamtite gdje Vam je ta datoteka.

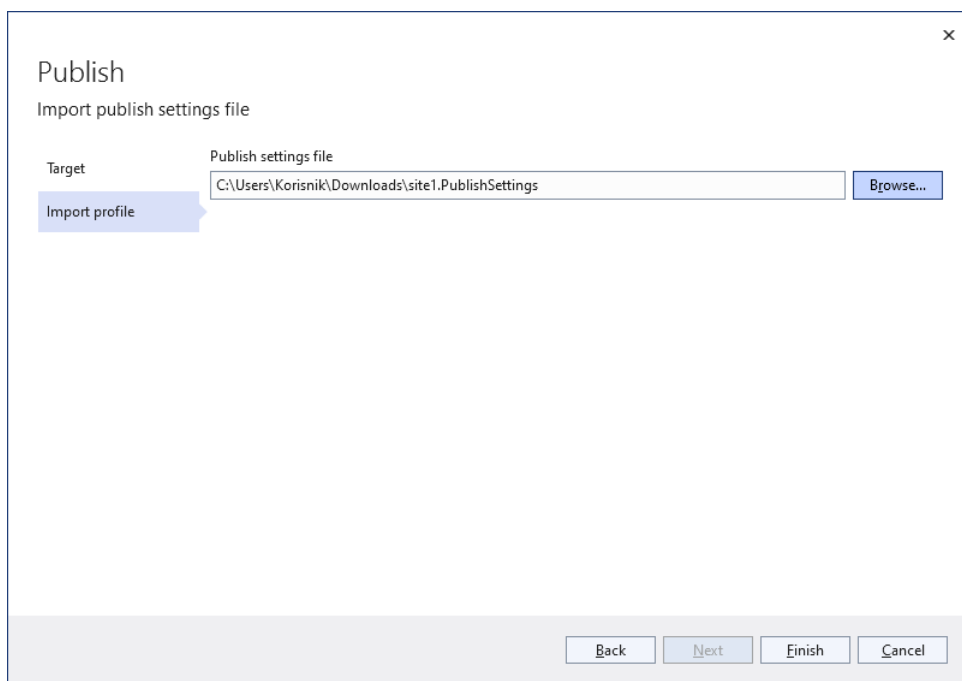
U VS idemo desni klik na projekt i odaberemo Publish



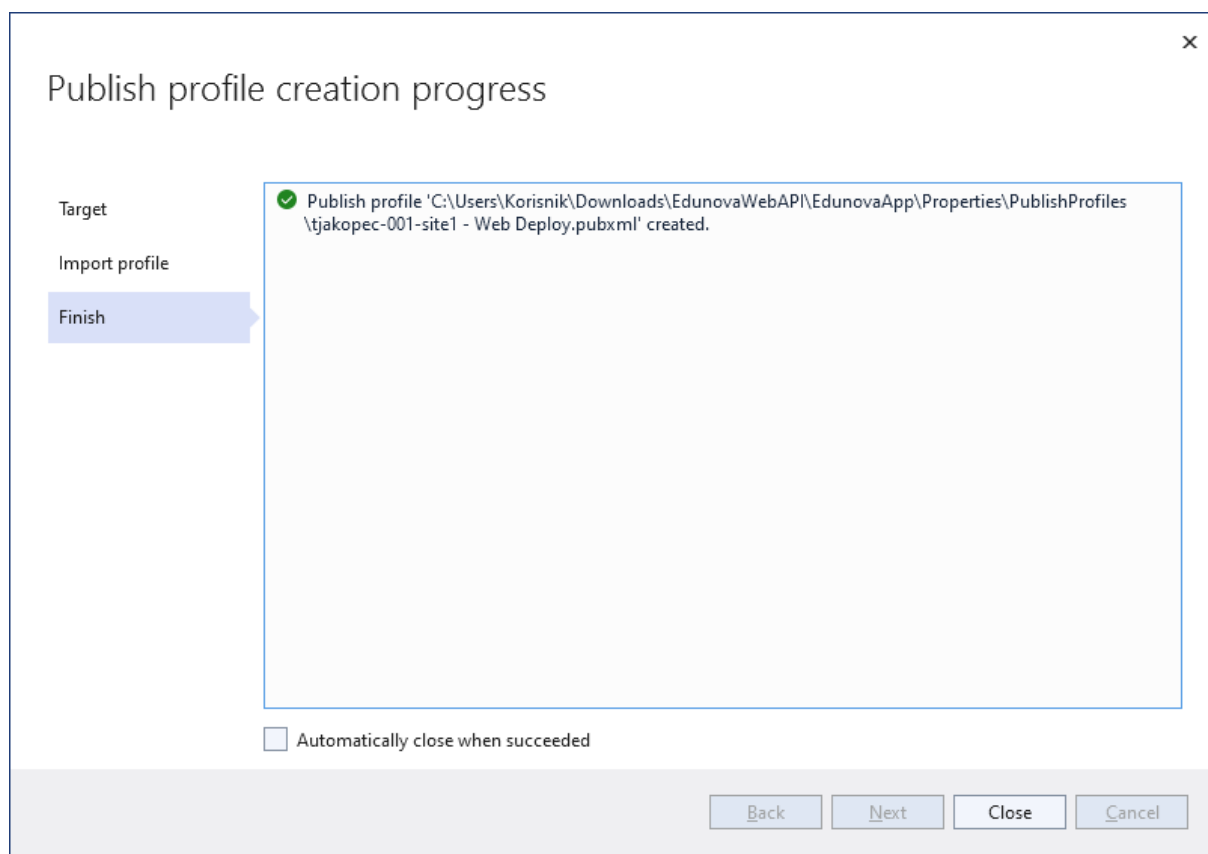
Zatim odaberemo Import profile pa next



Odaberemo putanju preuzete datoteke s smarterasp.net i kliknemo finish



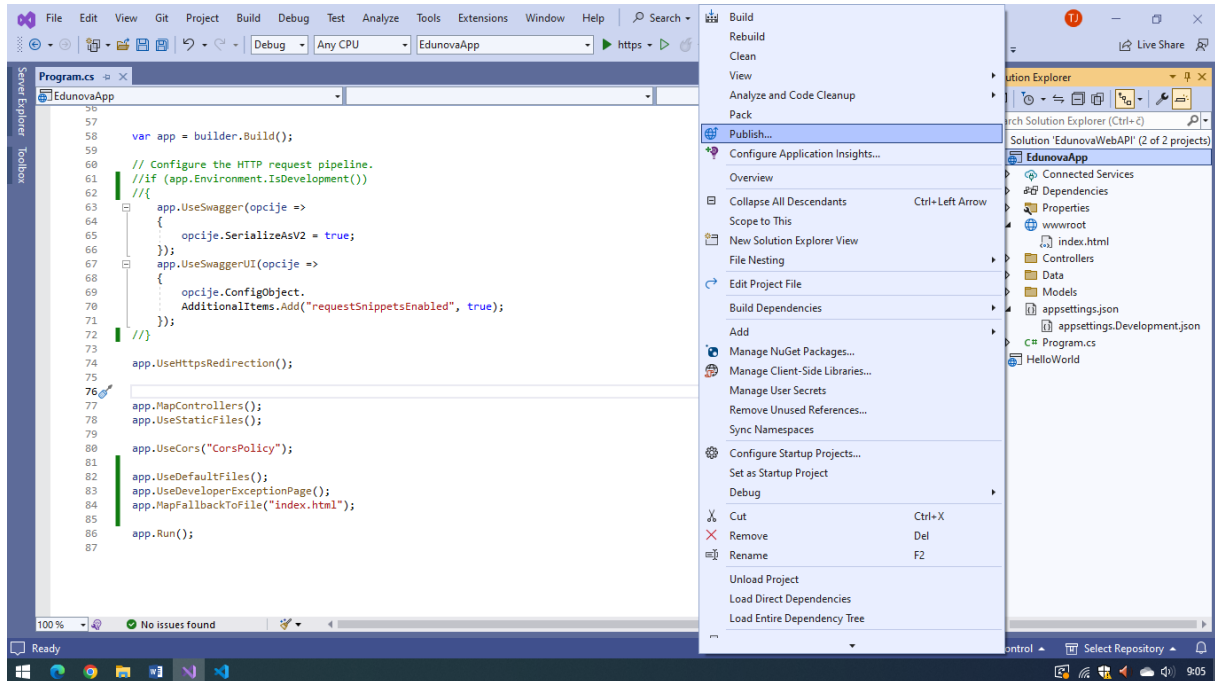
Ukoliko je uspješno učitao profil dobijemo poruku te zatvorimo taj prozor (Close)



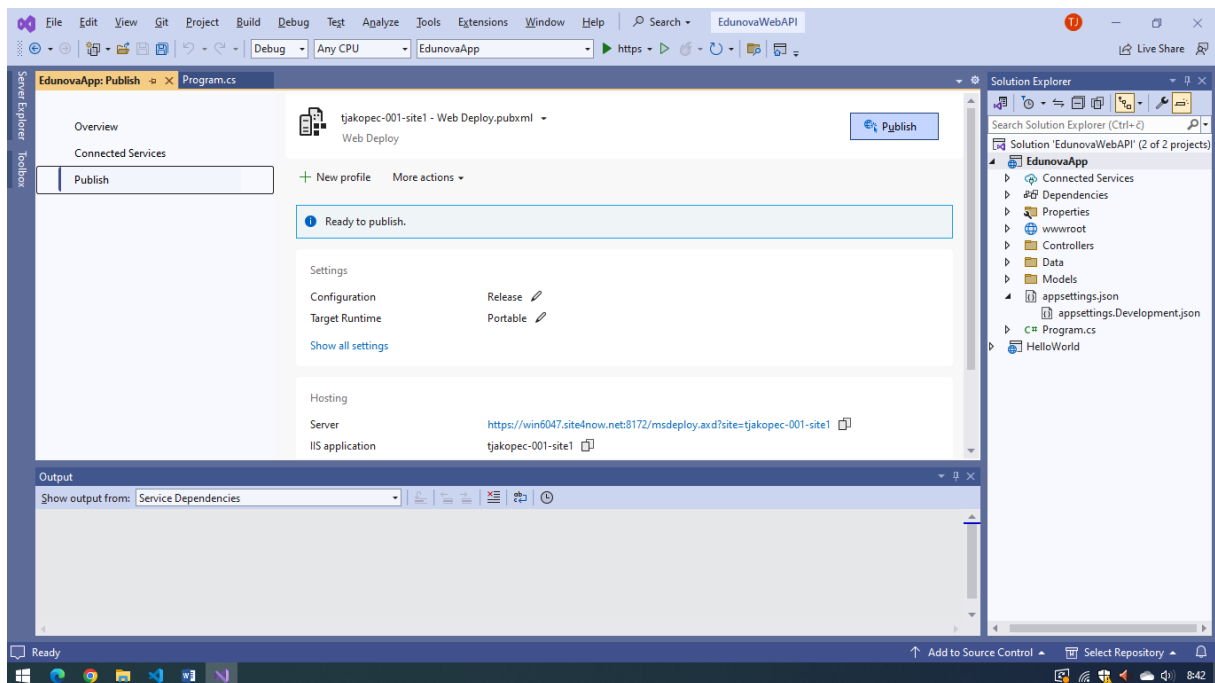
Sve ove prethodne korake je trebalo odraditi jednom.

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

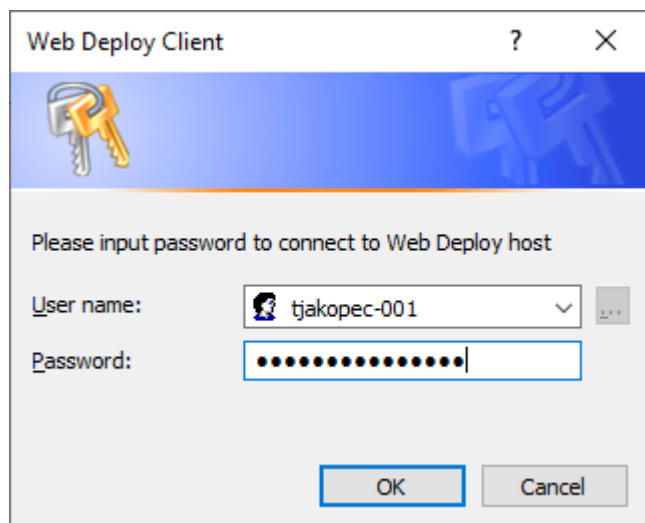
Desni klik na ime projekta i Publish



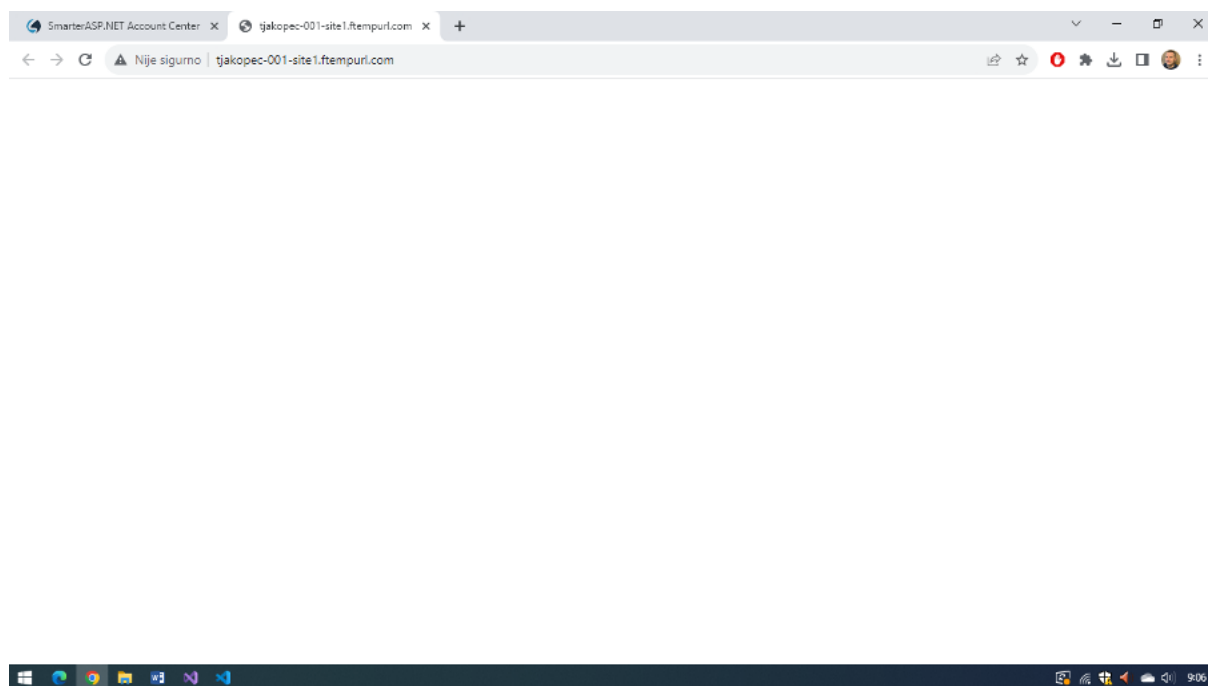
Pripaziti da je odabrana opcija Web Deploy. Zatim gore desno klik na Publish



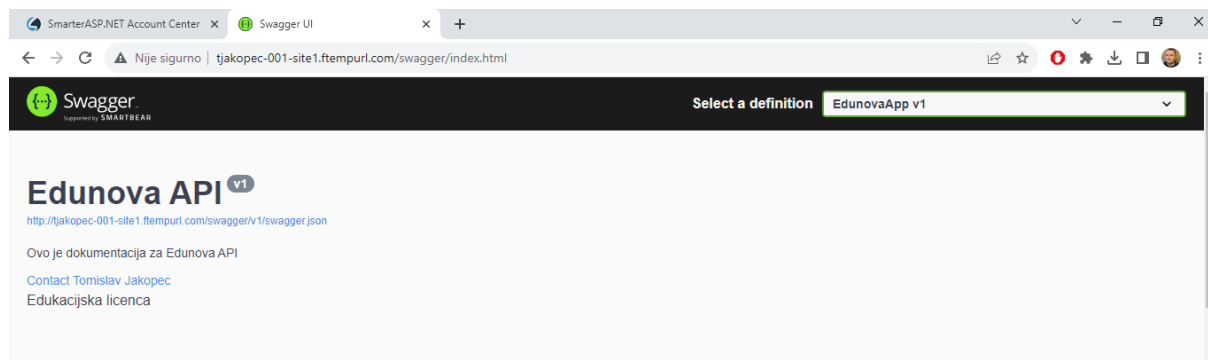
Tražiti će lozinku na sparteras.net korisnika. Lozinka korisnika i lozinka baze mogu biti različite ali radi jednostavnosti mi smo stavili iste pa tu zalijepimo lozinku korisnika i kliknemo OK



Otvora se preglednik s početnom stranicom (index.html) u wwwroot direktoriju.

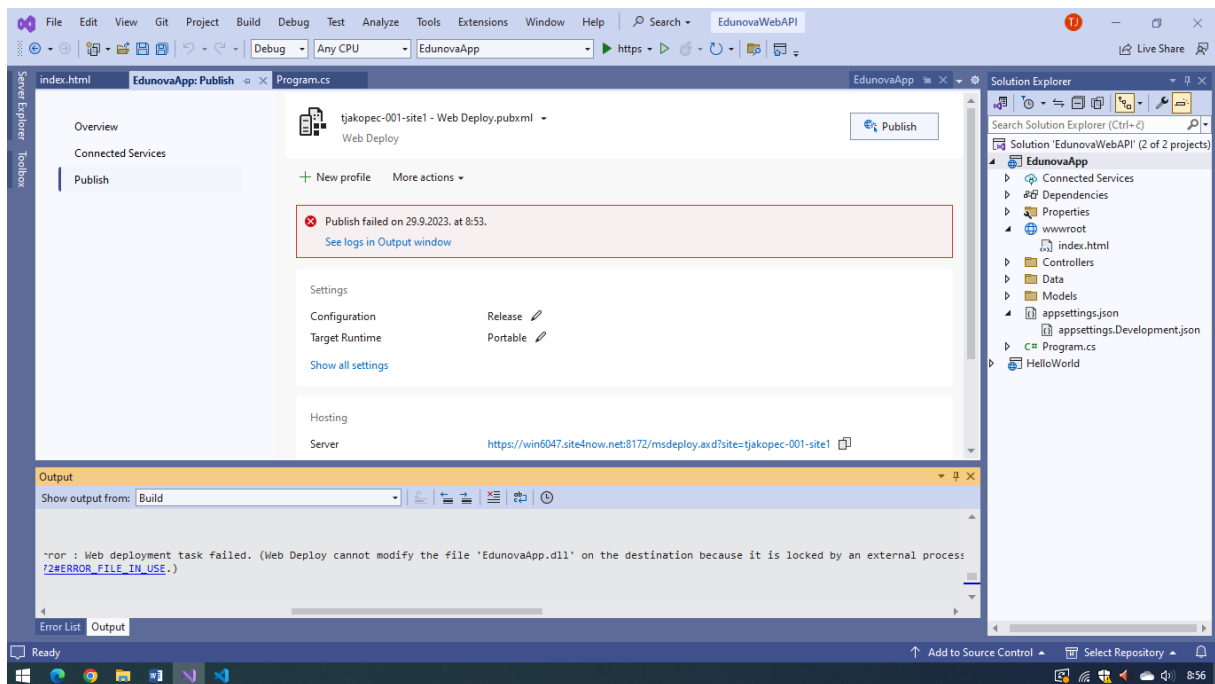


Da dani URL dodamo /swagger/index.html i dobijemo Swagger u produkciji.

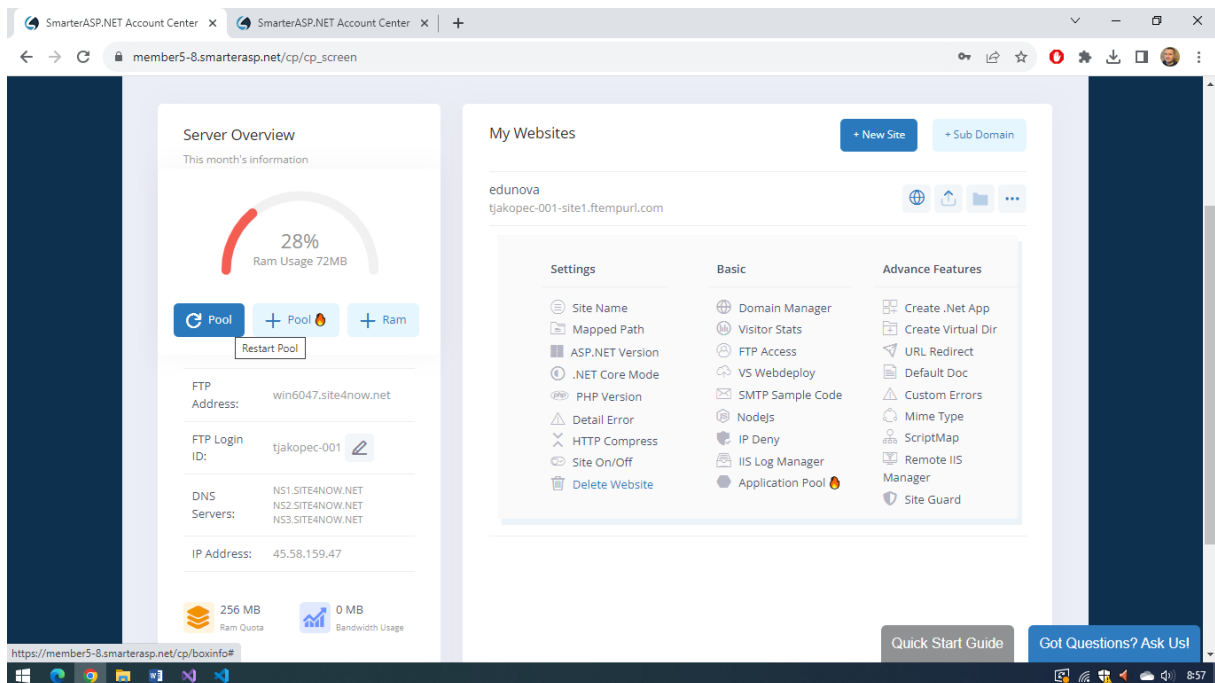




## Ukoliko ne prođe Publish



## Na smarterasp.net idemo restartati pool aplikacije

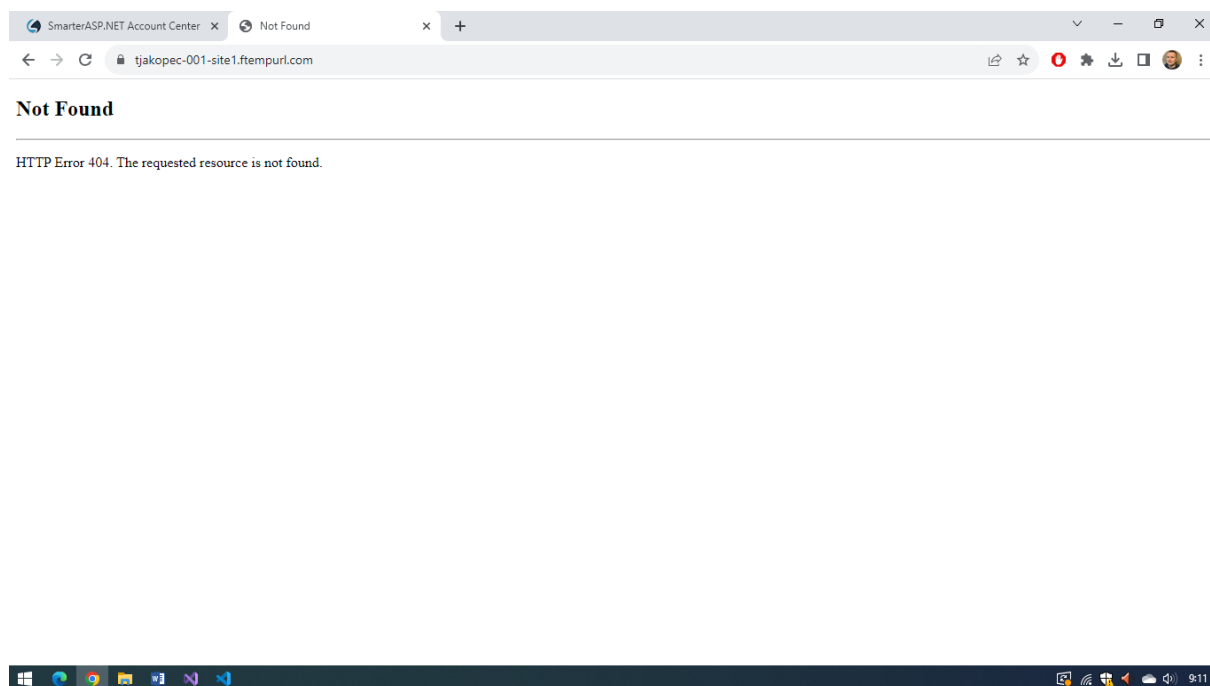


## Pa ponovo publish u VS

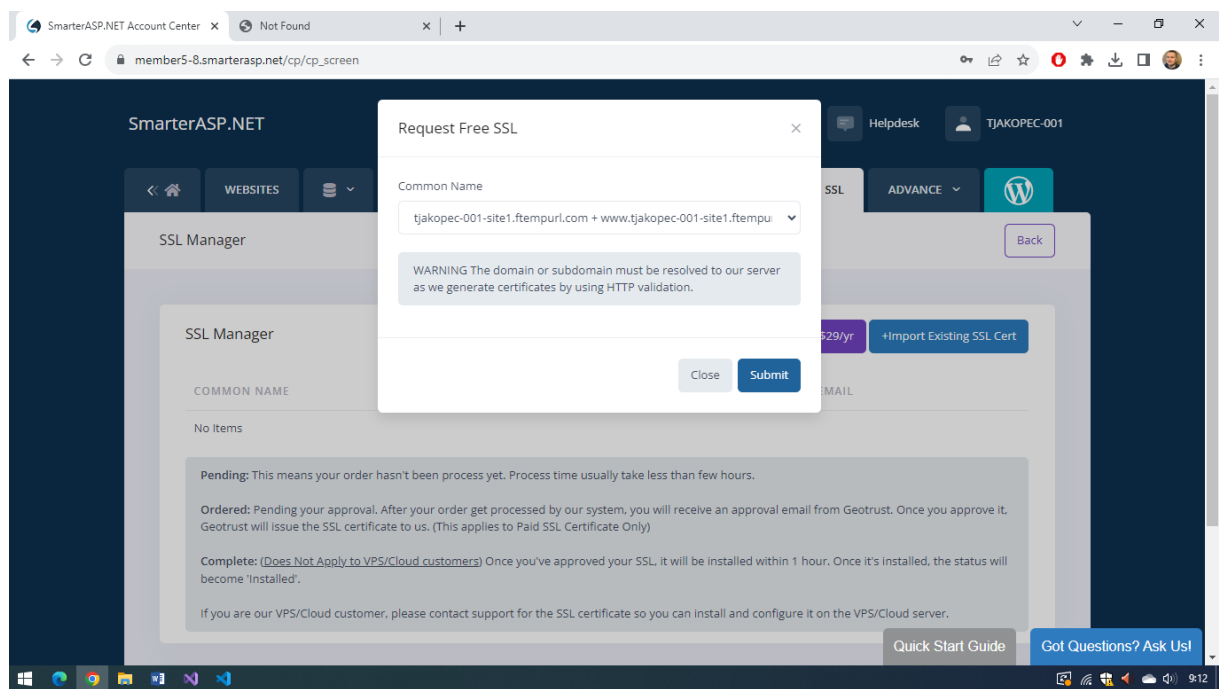
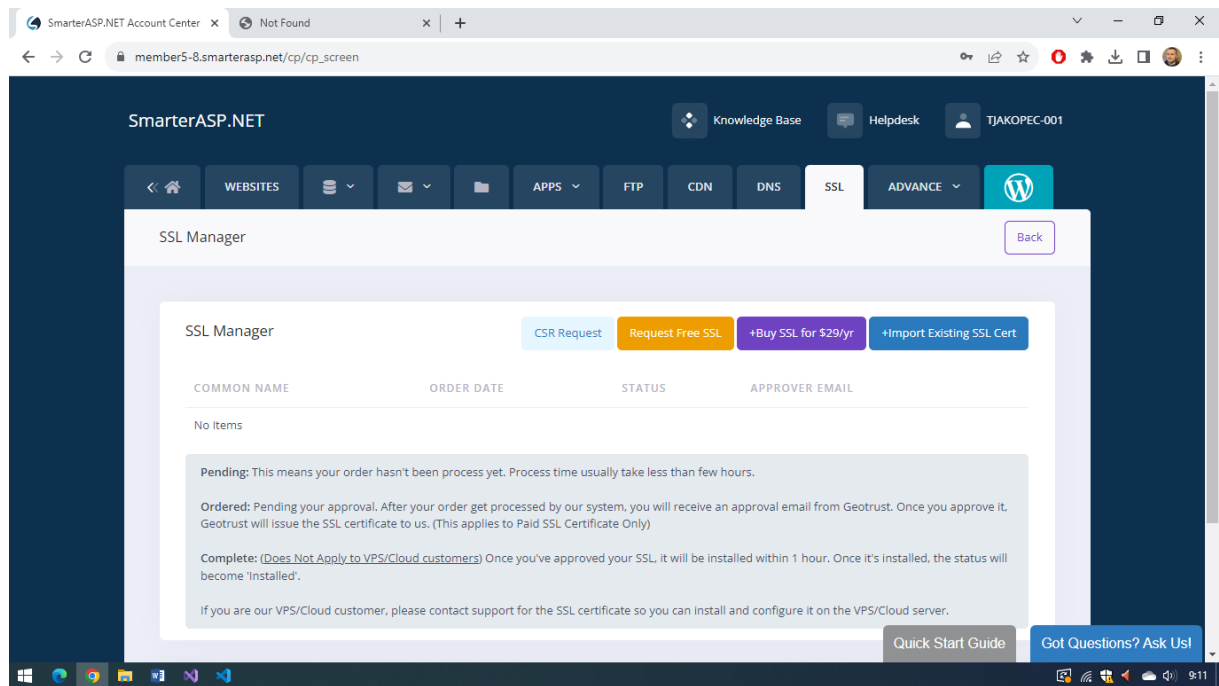
## http/https NAPOMENA

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

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

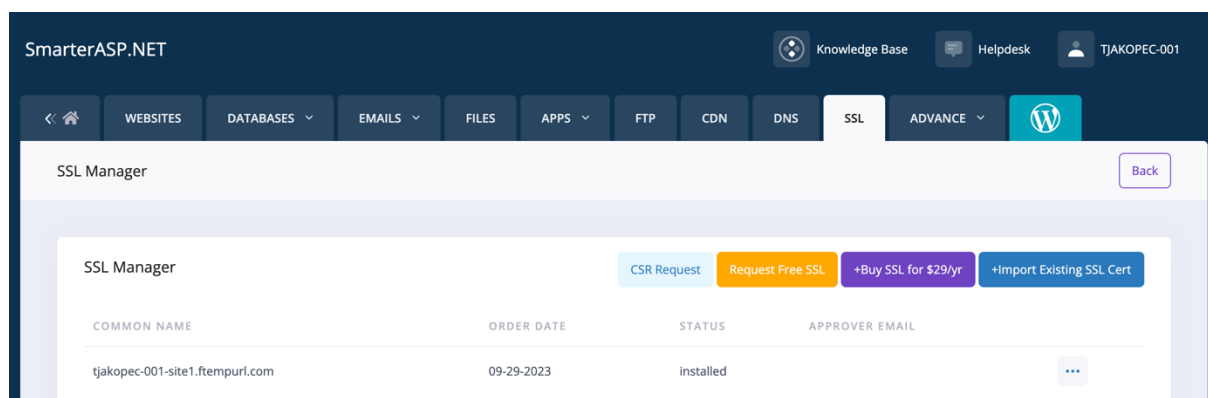


Kako bi u budućnosti izbjegli tu grešku na smarterasp.net idemo na SSL, Request free SSL



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>**