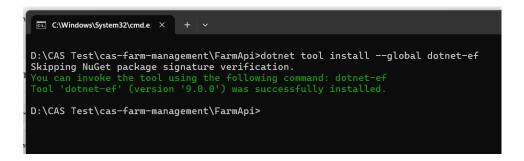
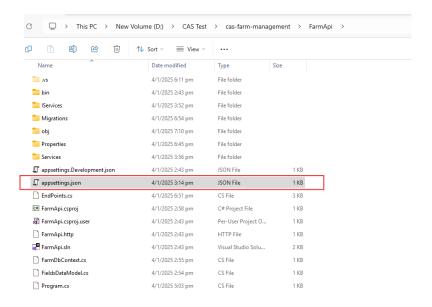
Farm API Guide

- 1. Prerequisites
 - a) Visual Studio (if using cmd to run the project, no need)
 - b) .Net 8 Installed
 - c) SQL Server installed
- 2. Clone Project Repository
 - a) git clone https://github.com/knksinthujan/cas-farm-management.git
 - b) cd cas-farm-management
- 3. Running the project using cmd
 - a) Run cmd "cd FarmApi"
 - b) Run cmd "dotnet tool install --global dotnet-ef"



c) Change the connection string in appsettings.json

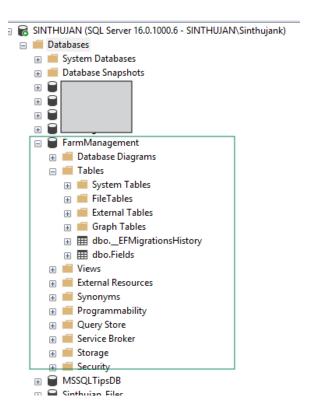


d) Run cmd "dotnet ef database update" (if not able to do this, use attached script OR .bak file to restore DB)

```
D. ICAS Test/cas—farm—management/Tamagle-institute of database undate
Bully started...

M. Start
```

e) Now you should able to see created db and tables



f) Run cmd "dotnet restore"

```
C:\Windows\System32\cmd.e × + \v

D:\CAS Test\cas-farm-management\FarmApi>dotnet restore

Determining projects to restore...

All projects are up-to-date for restore.

D:\CAS Test\cas-farm-management\FarmApi>
```

g) Run cmd "dotnet run"

```
D:\CAS Test\cas-farm-management\FarmApi>dotnet run
Building...
info: Microsoft.Hosting.Lifetime[14]
Now listening on: http://localhost:5128
info: Microsoft.Hosting.Lifetime[0]
Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
Content root path: D:\CAS Test\cas-farm-management\FarmApi
```

Now the project is running

h) Open http://localhost:5128/connection-check (Check listening port)

*****You are done with API setup****