

Bitcoin Logger Demo

Instructions

To save you some time I deployed a working demo at:

<https://www.stefanotheoharis.com/BitcoinLoggerClient/>

User: **XMuser**

Password: **12345678**

Architecture

The technologies I used were **Angular 8** for the client and **.Net Core 3.0/Sql Server** for the server. I designed the server using **Onion Architecture**, and the data are retrieved by **Entity Framework Core** as requested.

The server uses Json Web Tokens for the authentication procedure and the user passwords are encrypted to a SHA256 hash before saving to the database.

The SQL Server instance is public so you will be able to connect from anywhere as long as you got access to the domain www.stefanotheoharis.com.

Deployment

Keep in mind that if you want to build the server with Visual Studio 2017 you will need further configuration for the Net Core 3.0 SDK, so I suggest using Visual Studio 2019 instead.

Server machine requirements:

- Net Core 3.0 Runtime & Hosting Bundle
- IIS properly configured

Client deployment Requirements

- The node packages which are excluded from the Git repository (**npm install** before **ng -build**)
- API url** inside the environment
- IIS properly configured for the client serving machine

Feel free to contact me if you have any technical problems or questions,
S.Theoharis