How to setup Backend office in Windows

**1. pre-requisite:**

* Install Git (git bash) from : <https://git-scm.com/download/win>，
  + Install SSH for GitHub:
    - Generating a new SSH key and adding it to the ssh-agent: <https://docs.github.com/en/authentication/connecting-to-github-with-ssh/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>

Notes: use admin console + powershell

PS C:\ > Get-Service -Name ssh-agent | Set-Service -StartupType Manual

PS C:\ > ssh-add C:\Users\andre\.ssh\id\_ed25519

* + - Adding the new SSH key to your GitHub account https://docs.github.com/en/authentication/connecting-to-github-with-ssh/adding-a-new-ssh-key-to-your-github-account?tool=webui

Windows/ (by) WebBrowser

* install Visual Studio 2022 Comunity
* Install following software:

+ NVM

+ NodeJS (14.18.3)

+ MongoDB (5.0.6.2008R2Plus)

* Install packages dependents:

E:> cd \proj\UDOIDO3\backOffice

E:>npm i

E:>cd \proj\UDOIDO3

E:>npm i

* Create folders：
  + For database： D:\Tools\dbMongo\db
  + For opus： E:\data\wcydepot
  + For Logs: E:\logs\udoido\
* Copy Certifications to E:\data\wwwz

(If install to another driver, change the db-start.bat accordingly)

**2. in mongodb, create super user:**

use admin

db.createUser({

user: "superuserAZ",

pwd: "AndrewZhi168#$",

roles: [ "root" ]

})

3. **in mongodb, create a database name: test, then its user**

use test

db.createUser({

user: "webreaderw!981",

pwd: "savety#$7619",

roles: [{ role: "readWrite", db: "test" },]

})

4. set IP to this machine:

Start the Database:

cd c:

cd c:\UDOIDO3

backOffice\db-start.bat

5. Start backend:

cd c:\UDOIDO3

node backOffice\bin\server.js