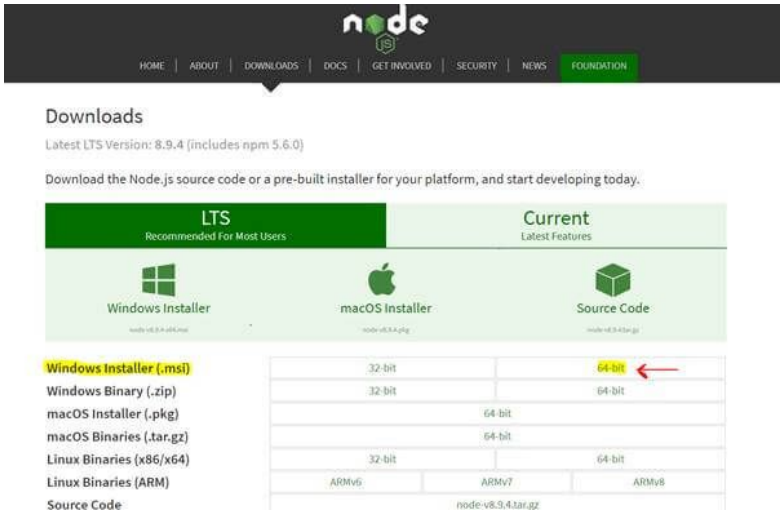
Steps For installing Front-ENd

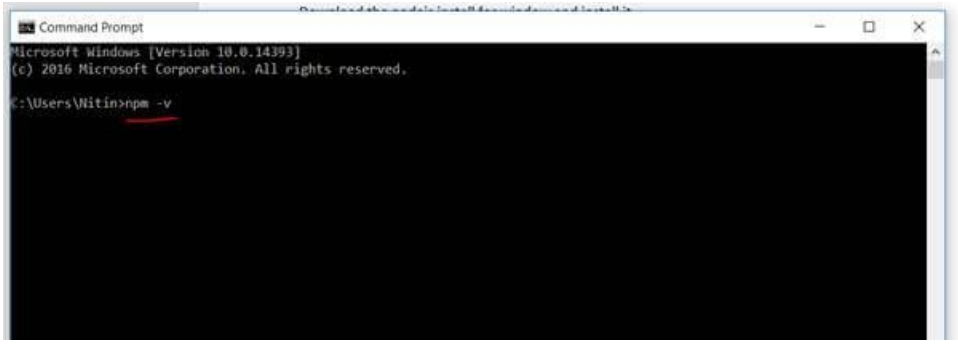
Step 1 - Install NodeJS

Follow the link - *https://nodejs.org/en/download/*

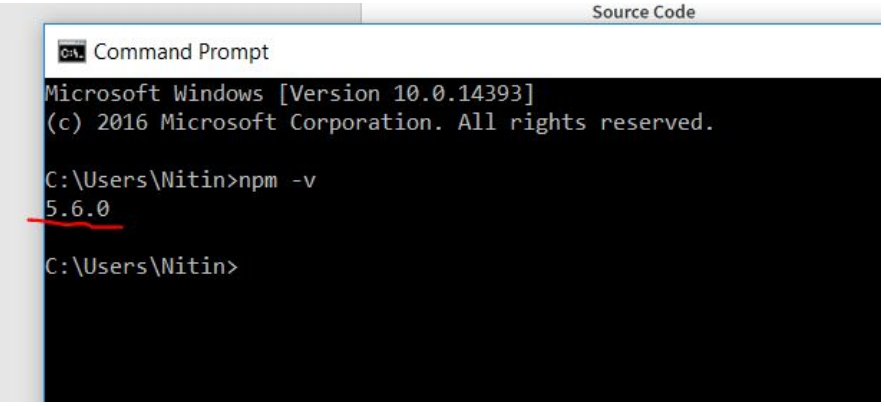
Download the node.js installer for Windows and install it.



To check the installed version of Node.js, open the command prompt.

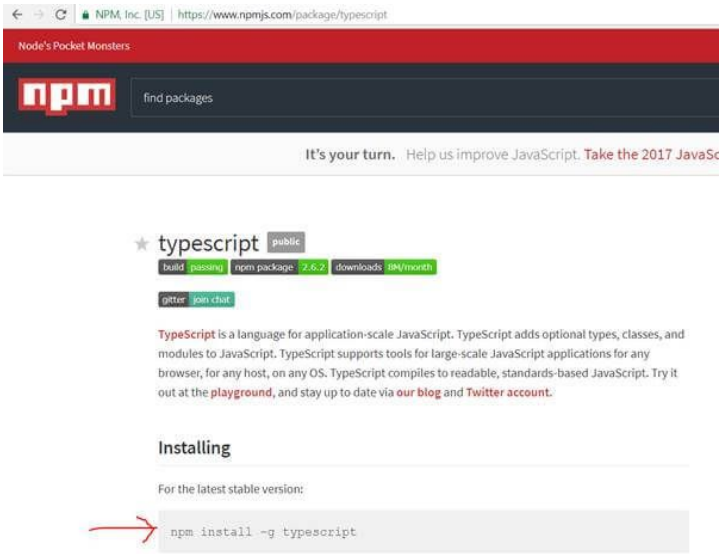


Type the *"npm -v"* command to check the Node.js installation and version.



Step 2 - Install TypeScript

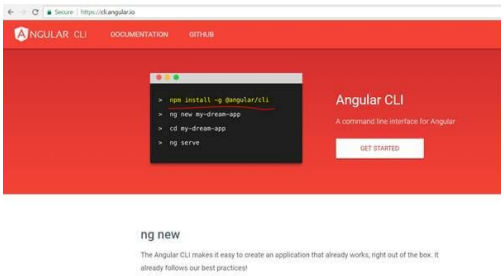
Open the link *https://www.npmjs.com/package/typescript*



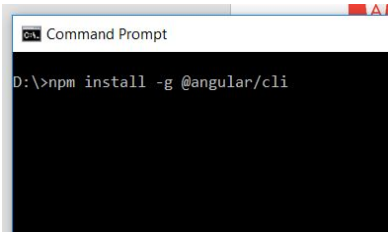
Copy the above command *"npm install -g typescript"* and run it on command prompt.

Step 3 - Install Angular CLI

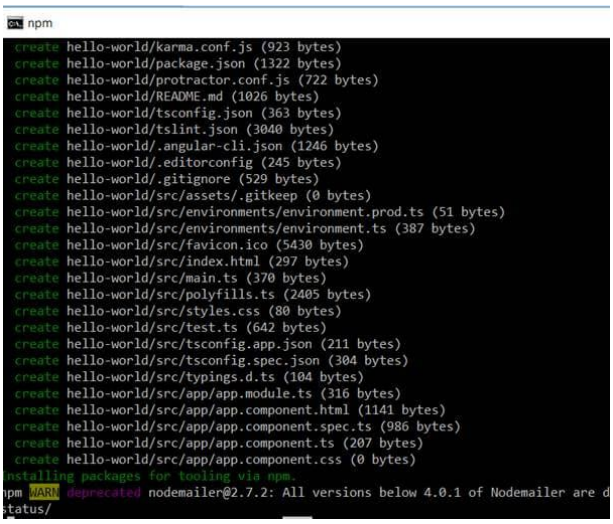
Open the link *https://cli.angular.io/* and follow the instructions to install Angular CLI

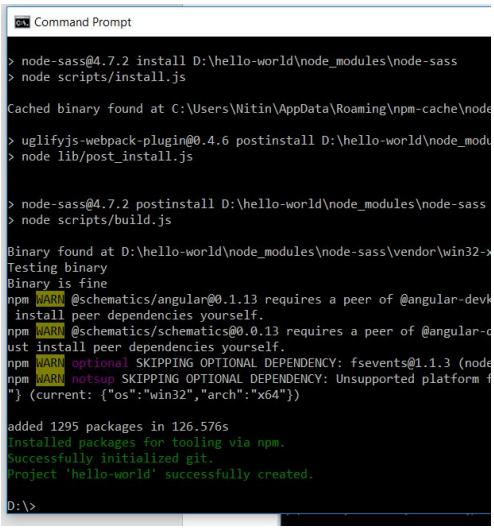


1. Type the command “npm install -g @angular/cli” on the command prompt and press enter to install Angular cli.

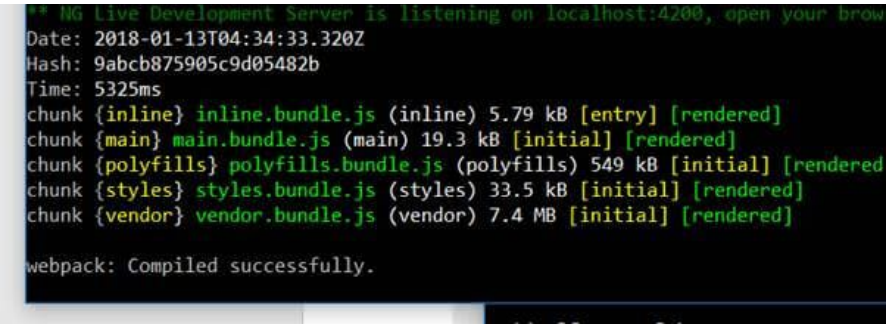


2. Unzip and navigate to “E-tendering-FrontEnd” folder in project and Type the command “npm install” on the command prompt and press enter to install all needed packages





3. Finally, the "MEET" Angular app is installed with all necessary packages; now type “ng serve”.

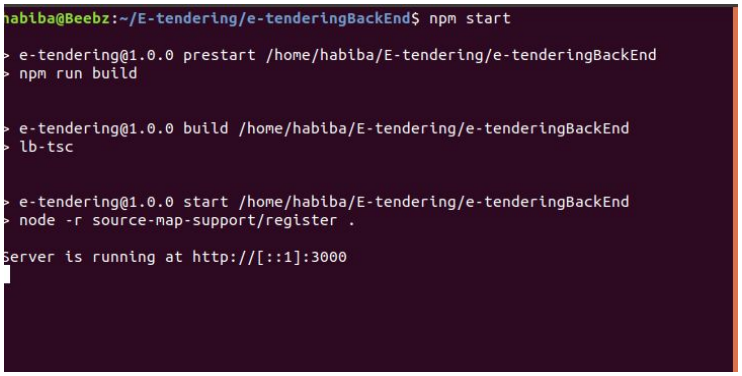


Now, open the browser and type *http://localhost:4200* in the address bar and hit enter to run the MEET Angular app in the browser.

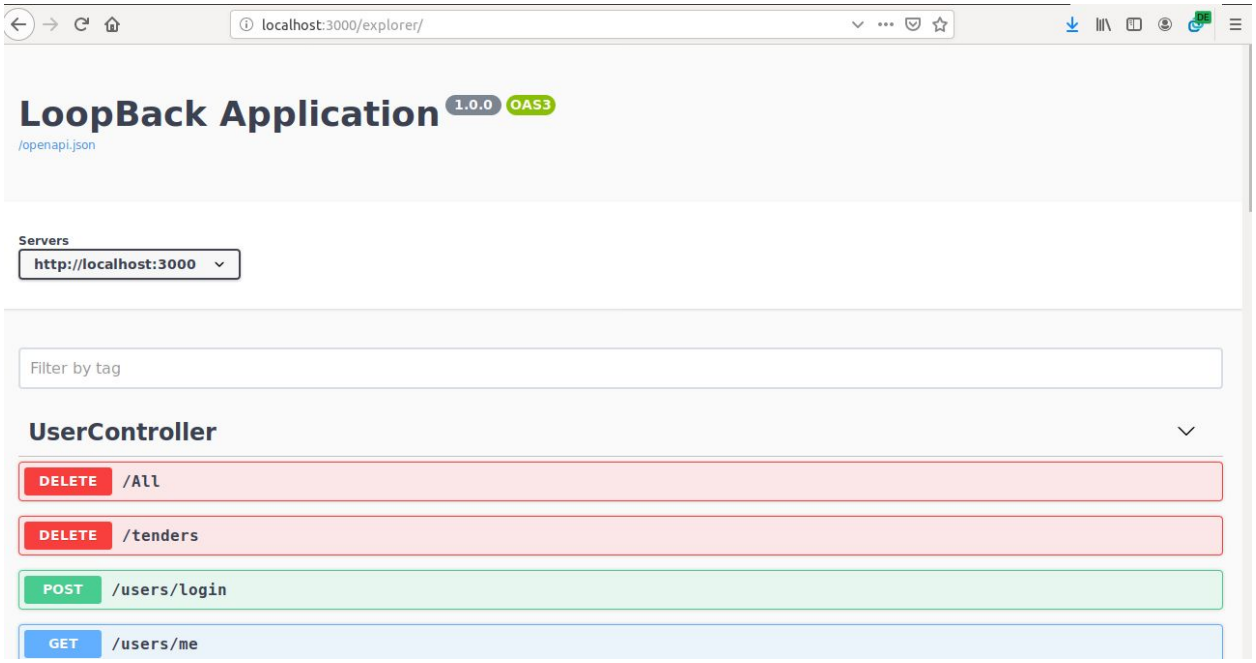
Steps For installing Back-End

Step 1- Unzip and navigate to “e-tenderingBackEnd” folder in project and Type the command “npm install” on the command prompt inside project and press enter to install all needed packages

Step 2- Type the command “npm start” on the command prompt and press enter to start the back-end.



The BackEnd is ready to launch so now, open the browser and type *http://localhost:3000/explorer/* in the address bar and hit enter to run the MEET Loopback APIs in the browser.



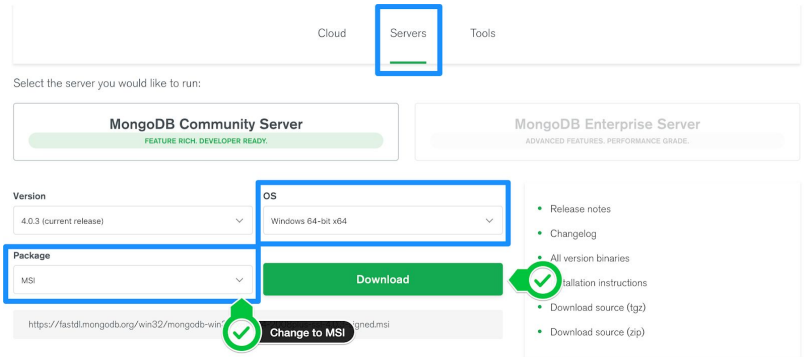
Step 3 - Install MongoDB for your Database

For widows use follow these steps here or for further clarification use this link :

https://medium.com/@LondonAppBrewery/how-to-download-install-mongodb-on-windows-4ee4b3493514

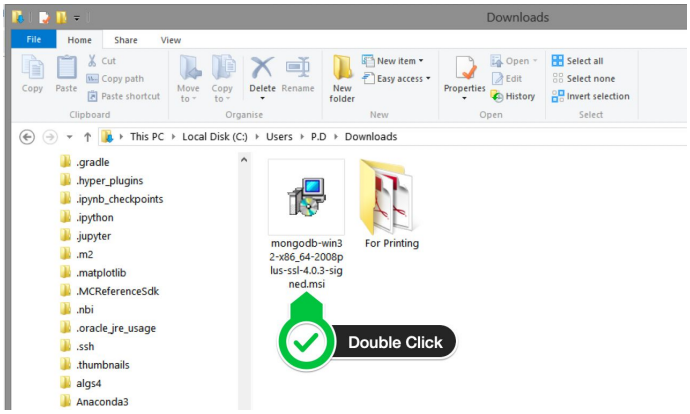
Step 3a — Download the MongoDB MSI Installer Package

Head over here and download the current version of MongoDB. Make sure you **select MSI** as the package you want to download.

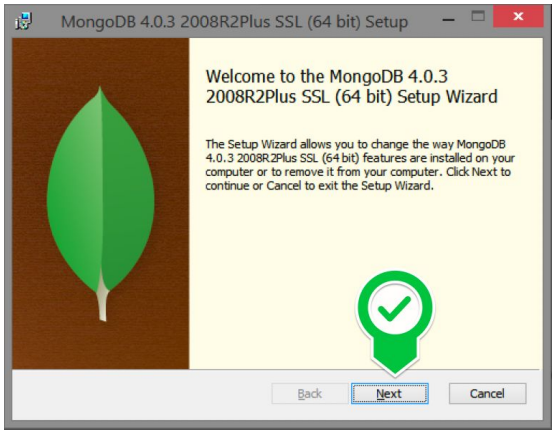


Step 3b — Install MongoDB with the Installation Wizard

A. Make sure you are logged in as a user with Admin privileges. Then navigate to your downloads folder and double click on the .msi package you just downloaded. This will launch the installation wizard.

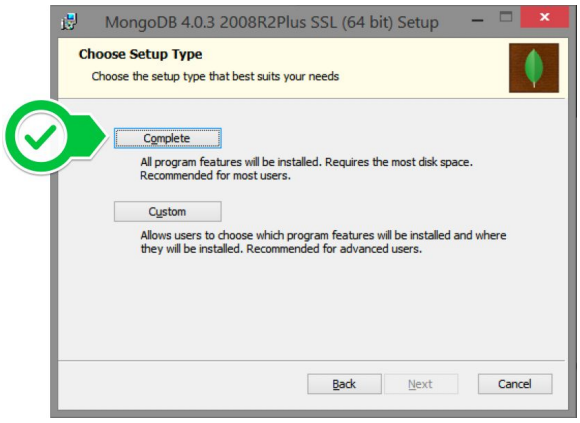


B. Click Next to start installation.

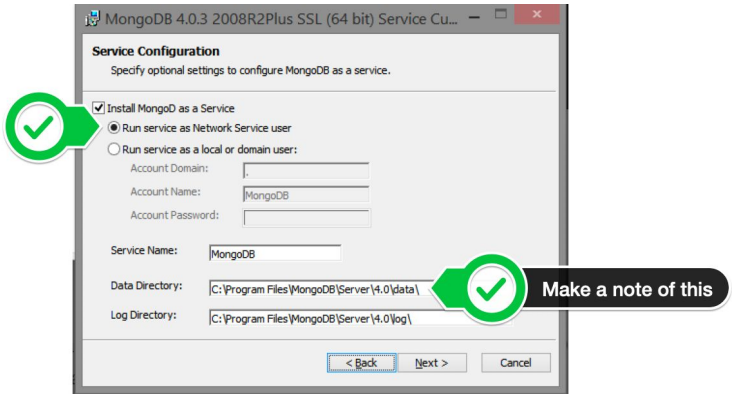


C. Accept the licence agreement then click Next.

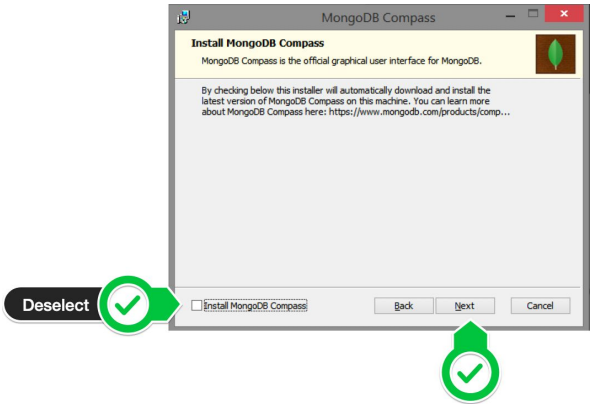
D. Select the Complete setup.



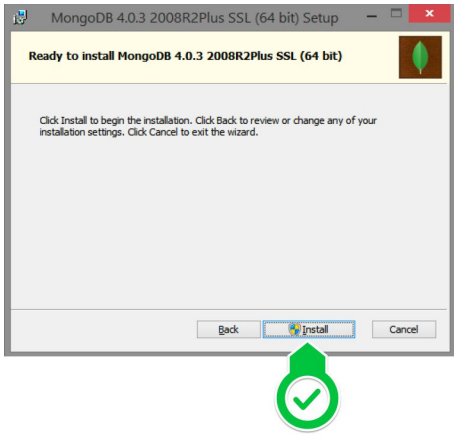
E. Select “Run service as Network Service user” and make a note of the data directory, we’ll need this later.



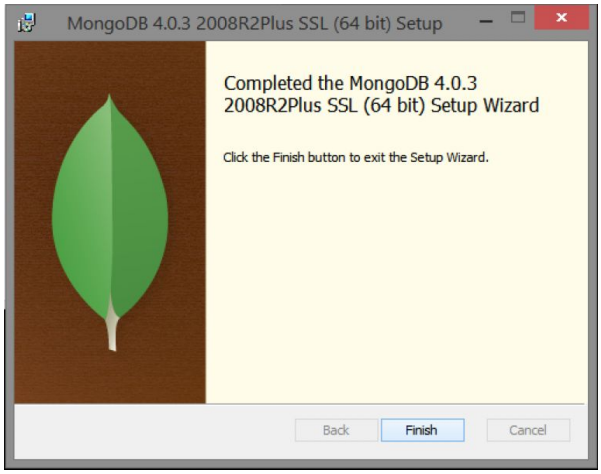
F. We won’t need Mongo Compass, so deselect it and click Next.



G. Click Install to begin installation.

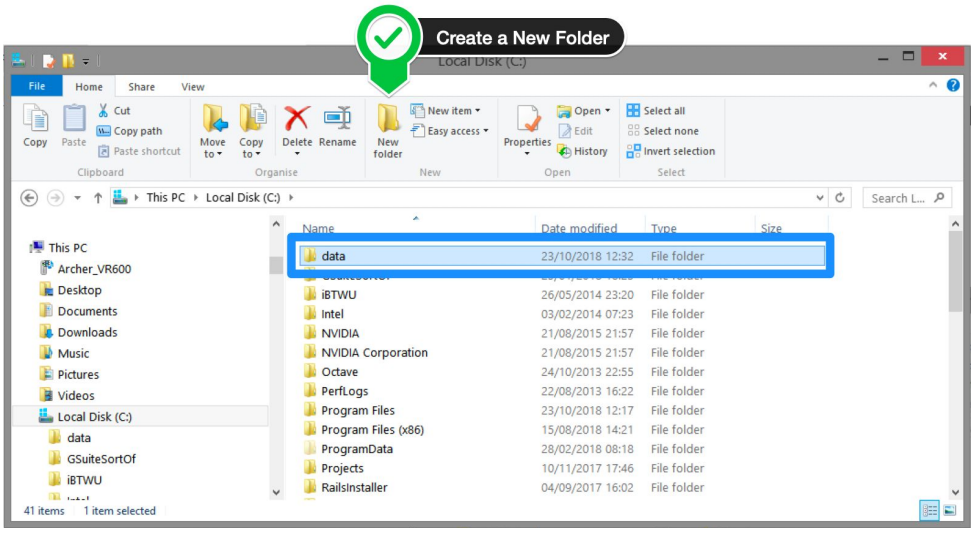


F. Hit Finish to complete installation.

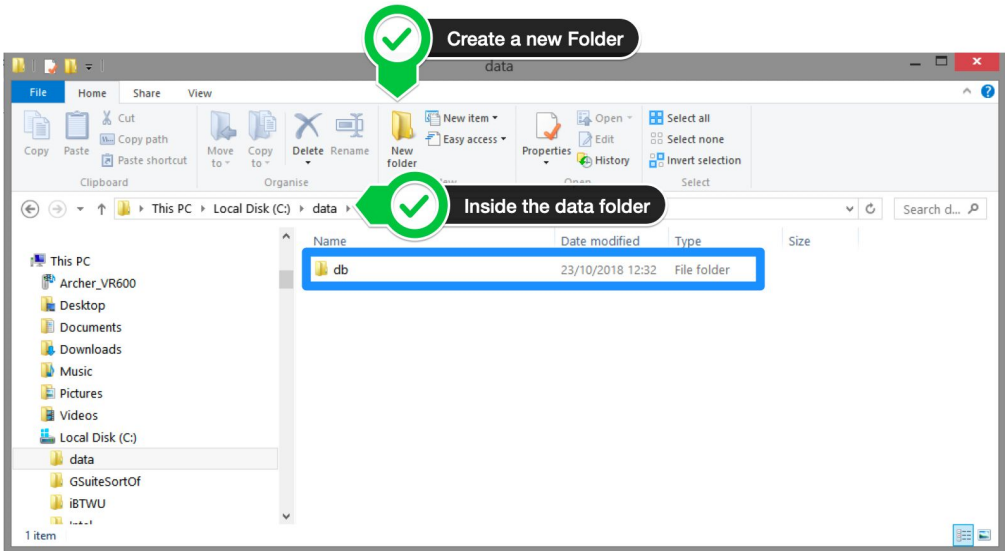


Step 3— Create the Data Folders to Store our Databases

A. Navigate to the **C Drive** on your computer using Explorer and create a new folder called **eTenderingDatabase(not data)** here.



B. Inside the **data** folder you just created, create another folder called **db**.



Step 4 — Setup Alias Shortcuts for Mongo and Mongod

Once installation is complete, we'll need to set up MongoDB on the local system.

A. Open up your Hyper terminal running Git Bash.

B. Change directory to your home directory with the following command:

```
cd ~
```

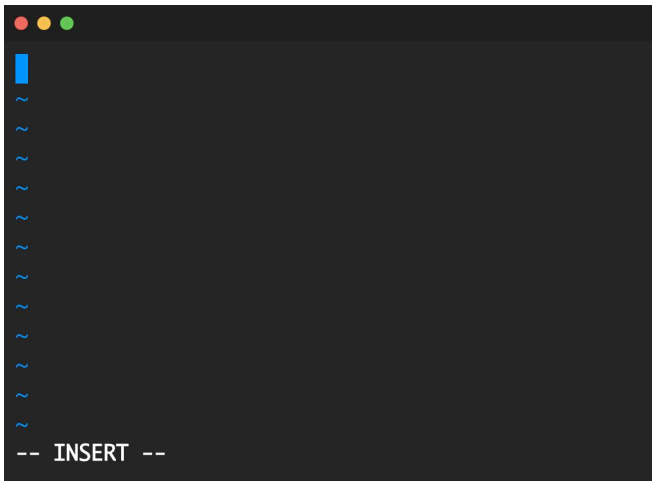
C. Here, we're going to create a file called .bash_profile using the following command:

```
touch .bash_profile
```

D. Open the newly created .bash_profile with vim using the following command:

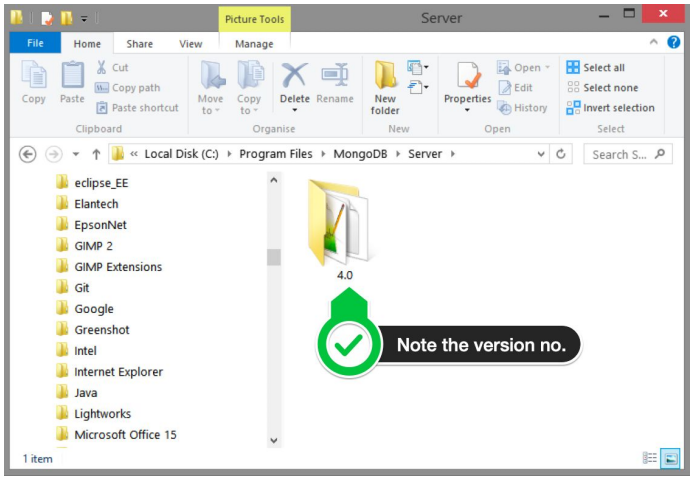
```
vim .bash_profile
```

E. In vim, hit the **I** key on the keyboard to enter insert mode.



F. In your explorer go to C → Program Files → MongoDB → Server

Now you should see the version of your MongoDB.



G. Paste in the following code into vim, make sure your replace the 4.0 with your version that you see in explorer

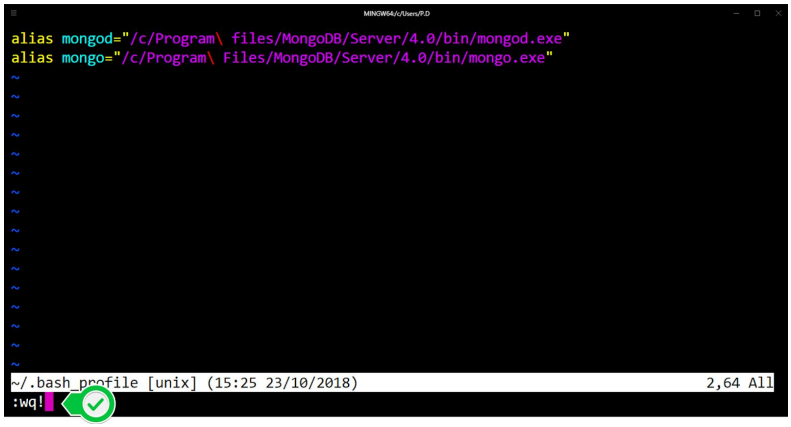
```
alias mongod="/c/Program\ files/MongoDB/Server/4.0/bin/mongod.exe"
```

```
alias mongo="/c/Program\ Files/MongoDB/Server/4.0/bin/mongo.exe"
```

F. Hit the Escape key on your keyboard to exit the insert mode. Then type

```
:wq!
```

to save and exit Vim.



Step 5 — Verify That Setup was Successful

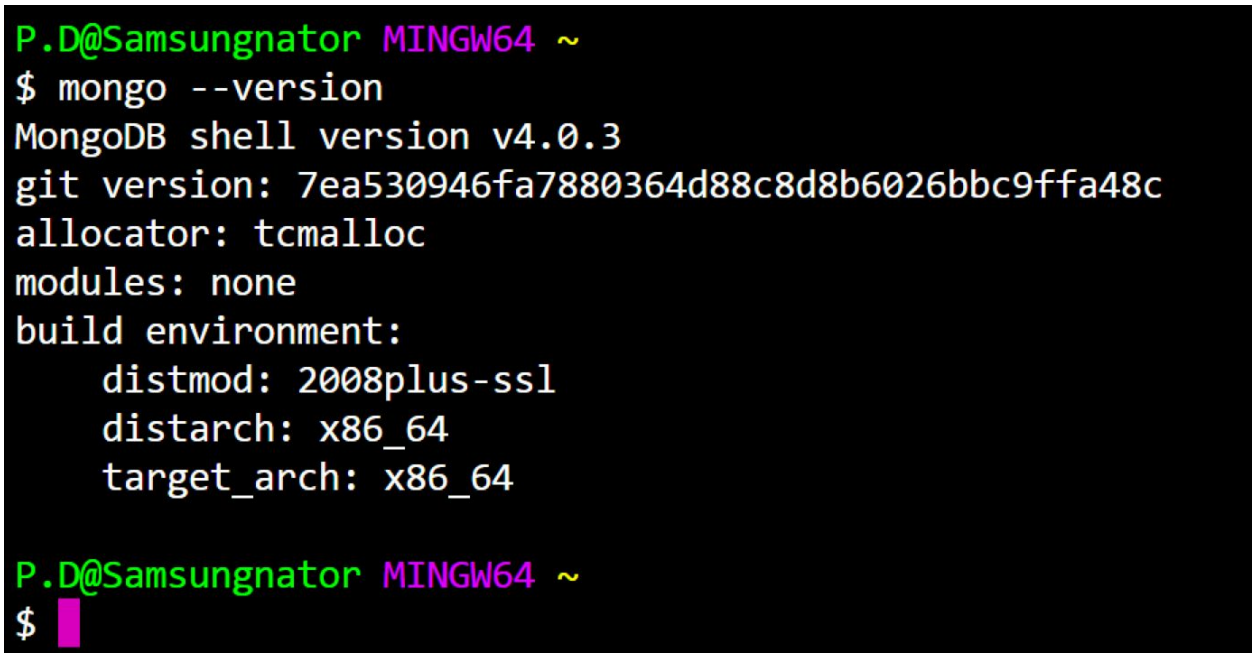
A. Close down the current Hyper terminal and quit the application.

B. Re-launch Hyper.

C. Type the following commands into the Hyper terminal:

```
mongo --version
```

Once you've hit enter, you should see something like this:



This means that you have successfully installed and setup MongoDB on your local system!

For Ubuntu use follow these steps here or for further clarification use this link :

https://www.digitalocean.com/community/tutorials/how-to-install-mongodb-on-ubuntu-18-04

Ubuntu's official package repositories include an up-to-date version of MongoDB, which means we can install the necessary packages using apt.

First, update the packages list to have the most recent version of the repository listings:

sudo apt update

```
$ sudo apt update
```

Now install the MongoDB package itself:

sudo apt install -y mongodb

```
$ sudo apt install -y mongodb
```

This command installs several packages containing the latest stable version of MongoDB, along with helpful management tools for the MongoDB server. The database server is automatically started after installation.

Next, let's verify that the server is running and works correctly.

Step 2 — Checking the Service and Database

The installation process started MongoDB automatically, but let's verify that the service is started and that the database is working.

First, check the service's status:

sudo systemctl status mongodb

```
$ sudo systemctl status mongodb
```

You'll see this output:

```
Output
● mongodb.service - An object/document-oriented database
   Loaded: loaded (/lib/systemd/system/mongodb.service; enabled; vendor preset: enabled)
   Active: active (running) since Sat 2018-05-26 07:48:04 UTC; 2min 17s ago
     Docs: man:mongod(1)
 Main PID: 2312 (mongod)
    Tasks: 23 (limit: 1153)
   CGroup: /system.slice/mongodb.service
           └─2312 /usr/bin/mongod --unixSocketPrefix=/run/mongodb --config /etc/mongodb.con
```

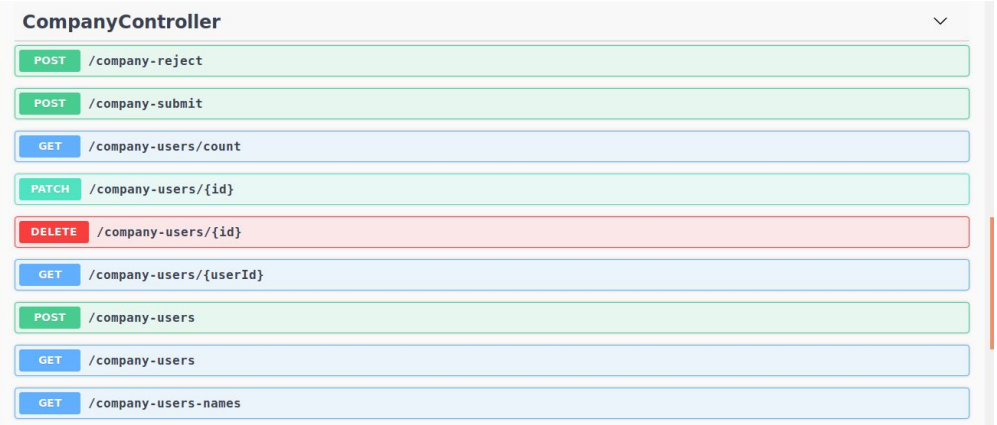
According to systemd, the MongoDB server is up and running.

Step 4 - Add necessary Data

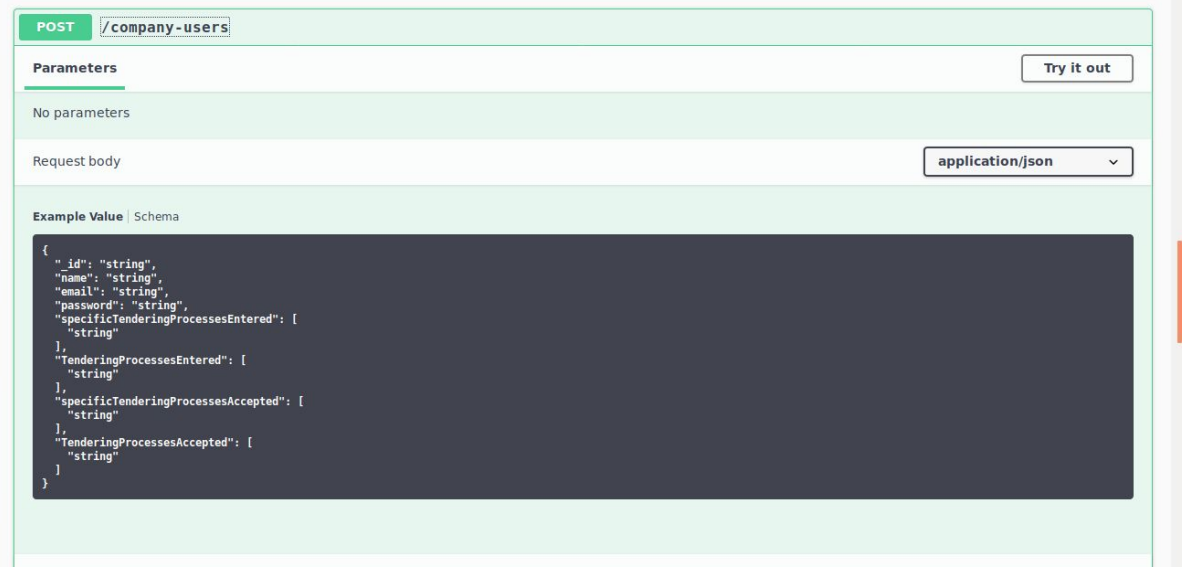
Go to http://localhost:3000/explorer/

Step 1 - Post a company User :

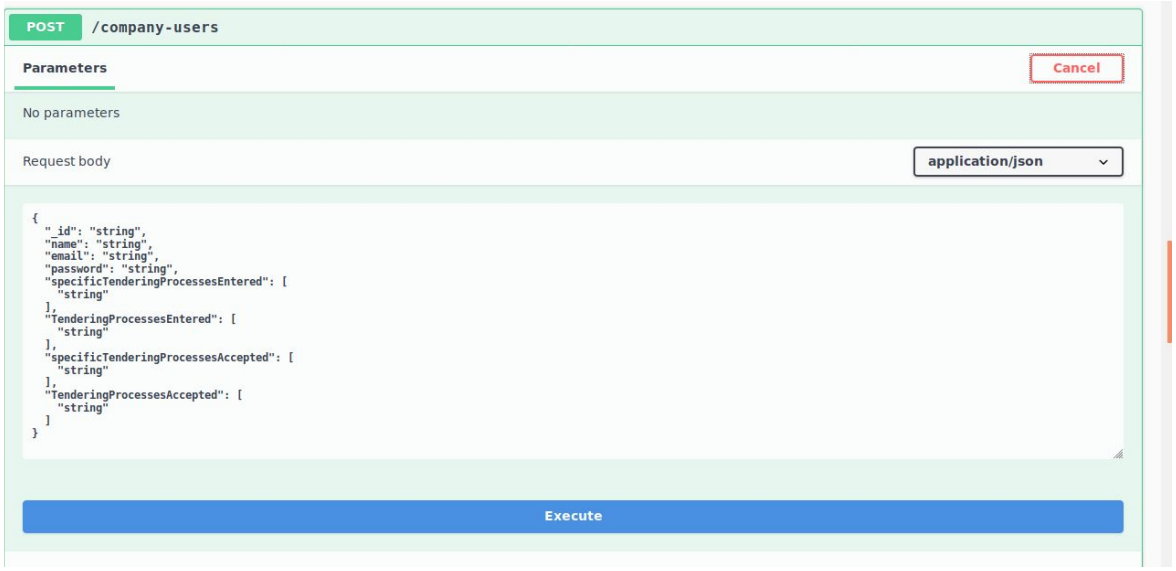
Go to CompanyController:



Clicking on Post /company-users :



Then click on “Try it out button”



Add a company user in body : For Example:

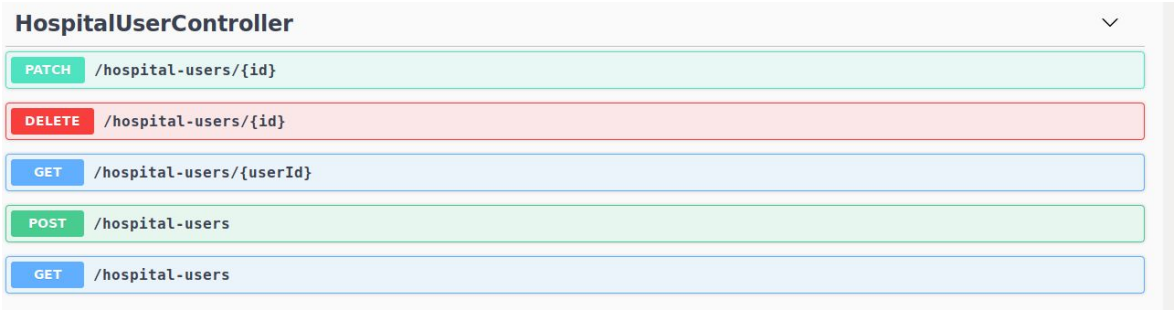
{

"name": "GE",
"email": "GE@gmail.com",
"password": "GECompany"

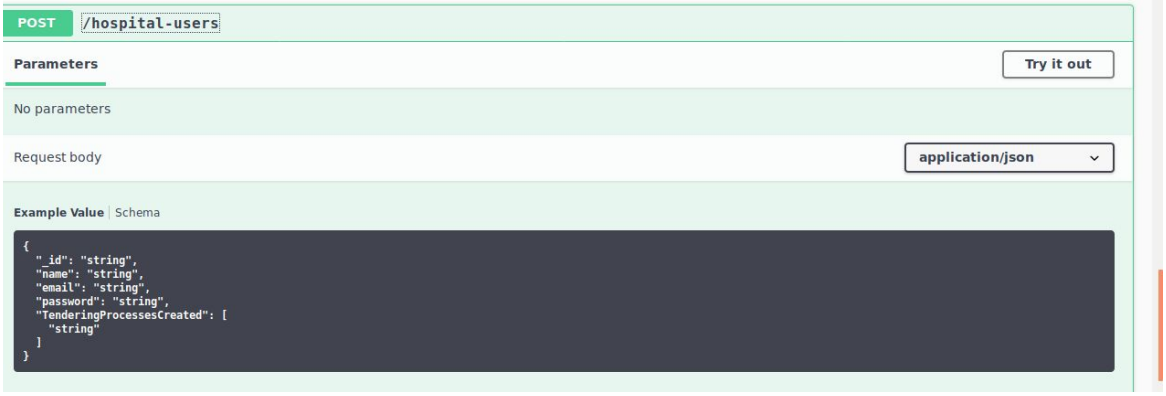
}

And Click “Execute”.
Now a *new company* user has been added to your database. Let’s now add a new hospital user.

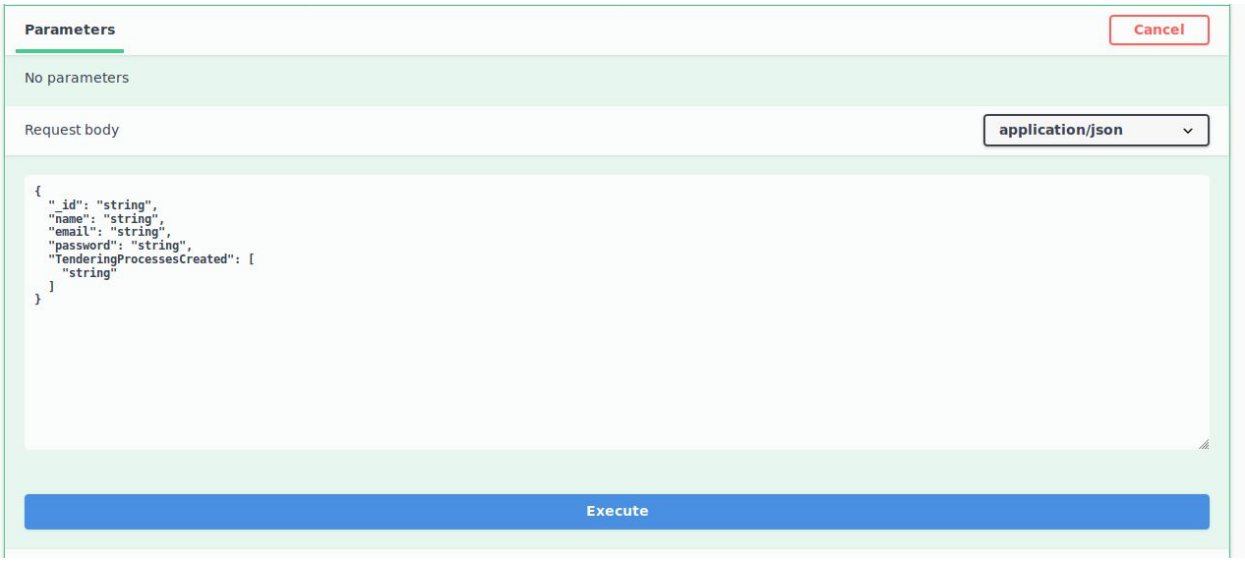
Step 1 - Post a hospital User
Go to HospitalUserController:



Clicking on Post /hospital-users :

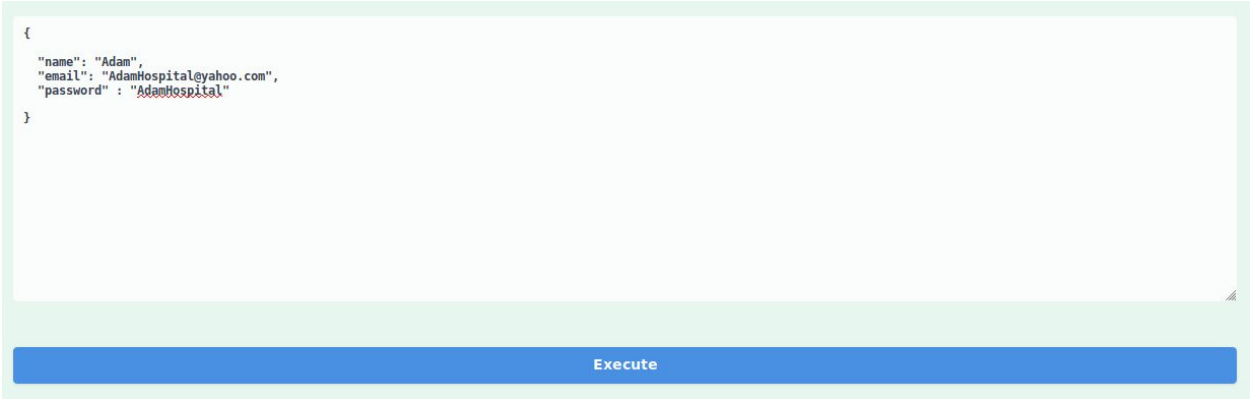


Then click on “Try it out button”



Add a company user in body, For Example:

{
"_id": "5d83ecbe91fed14ee103b3ab",
"name": "Adam",
"email": "AdamHospital@yahoo.com",
"password" : "AdamHospital"
}



And Click “Execute”. Now a new hospital user has been added to your database.

Now you are good to go.

Open http://localhost:4200/login and start navigating our project.

P.S:

You can add more hospital and company users as you like for better enjoying the project.