

Setup guide for healthcare project

Please follow the below environment setup steps

- Clone the git repository
SSH to OSU flip server then run the following command to clone the repo:
`git clone https://github.com/health-and-healthcare-competition/healthcare-project.git`
Get into the healthcare-project folder
`cd healthcare-project`
Then run the following command in the terminal:
`npm init`
After this command you'll see a series of questions. Most of them you can simply hit enter, remember to add your name in the author prompt
Author – enter your name
You should see a package.json file in the folder after running the above command.
- Install Express
In the root of the healthcare-project run the following command in the terminal:
`npm i express --save`
- Install Forever
In the root of the healthcare-project run the following command in the terminal:
`npm i forever --save`
Then run the following command:
`alias forever='./node_modules/forever/bin/forever'`
- Install Handlebars
In the root of the healthcare-project run the following command in the terminal:
`npm i express-handlebars --save`
- Install hbs
In the root of the healthcare-project run the following command in the terminal:
`npm i hbs --save`
- Install Node version manager
 1. Run the following command:
`nvm install 16 --save`
 2. You can verify the successful installation of nvm and view the node version you are using right now by the following command:
`node --version`
To list all the node versions in the server, you can simply use the following command:
`nvm list`

Note: Using node version higher than 16 would cause some fault on the OSU server(miss libraries or dependencies), so make sure you use or install the node version 16.

To set the default node version, use the following command:

`nvm alias default 16`
or `nvm alias default vxx.x.x` xx.x.x is the specific node version you want to use

- Run the following command
`source ~/.bashrc`
- Install mysql package
In the root of the healthcare-project run the following command in the terminal:
`npm i mysql --save`
- In the database/db-connector.js, fill the following information in the '':
host : 'classmysql.engr.oregonstate.edu' ,
user : 'capstone_2023_health' ,
password : 'cs46xhealth' ,
database : 'capstone_2023_health'

The above database is created by the OSU Engr IT support.

According to IT support, this database will last until next school year. You will need to be on campus or VPN to OSU to use the phpMyAdmin website to access the database.

<https://classmysql.engr.oregonstate.edu>

The username and password are the same as above.

Remember to change the `PORT`(port number) in the app.js file as needed.

Note: If the port number is occupied by others, then change the PORT number and test if you could access the website.

To test if the setting is right, VPN to OSU, make sure you are SSH to flip1 or flip2 or flip3 then in the root of the healthcare-project

Run the following command in your terminal:

`node app.js`

VPN to OSU and open any web browser, run <http://flipX.engr.oregonstate.edu:PORT>

X is the flip server you are in right now; it could be 1 or 2 or 3

Change the PORT into whatever you set in the app.js

To quit the running, press ctrl c

This setup guide references some materials to the step 0 to step 4 from

<https://github.com/osu-cs340-ecampus/nodejs-starter-app>