

Setup Guide for Campus Library Seat Finder Application

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Mac:

To set up our application you will need to set up Next JS to run it locally, group chat messages and joining groups can be done with other users thanks to the Firebase server.

First install node using the package manager Homebrew. If you do not have Homebrew, you will need to run the install command shown on the Homebrew [website](#).

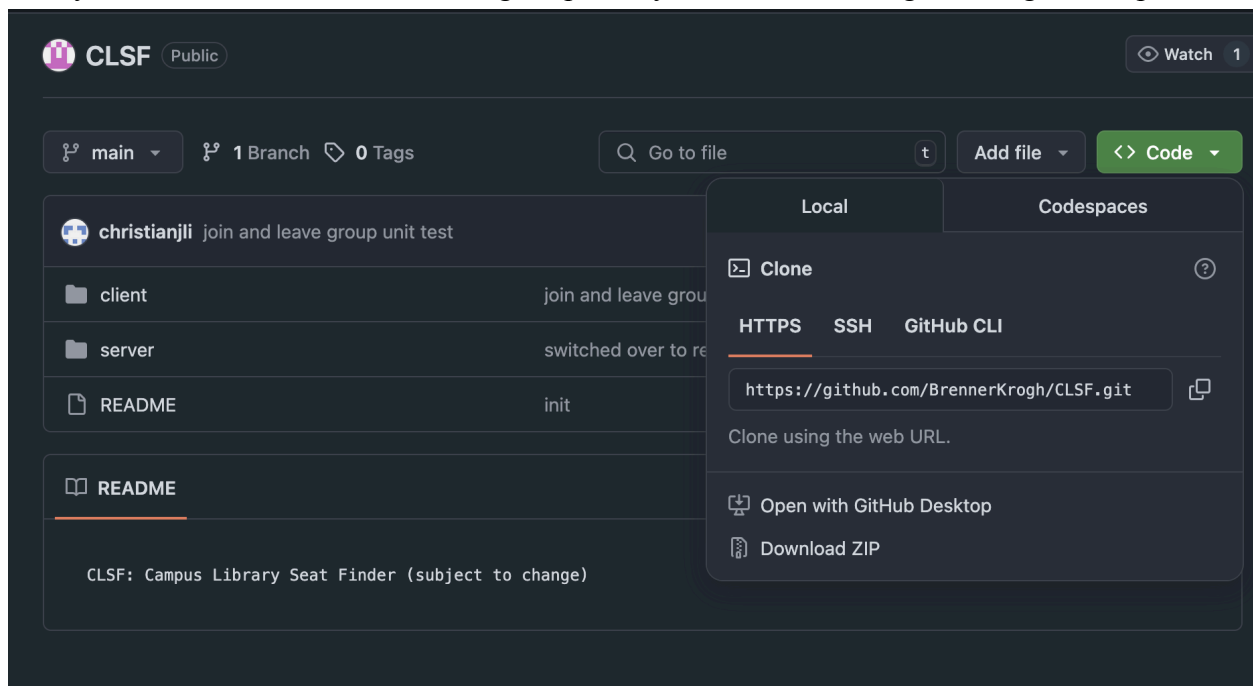
Then run in terminal, brew install node

```
varunfloppa@Varuns-MacBook-Pro client % brew install node
```

You will then need to install Git, however it is most likely already installed. You can verify it's installation by typing git version in your Terminal shell. If it is not installed, run brew install git.

```
varunfloppa@Varuns-MacBook-Pro client % brew install git
```

Now you will need to clone the CLSF git repository. You will need to go to the github repo [here](#).



Copy the clone link, go to Terminal and enter
git clone <https://github.com/BrennerKrogh/CLSF.git>

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```
[varunfloppa@Varuns-MacBook-Pro Desktop % git clone https://github.com/BrennerKrogh/CLSF.git
Cloning into 'CLSF'...
remote: Enumerating objects: 870, done.
remote: Counting objects: 100% (870/870), done.
remote: Compressing objects: 100% (504/504), done.
remote: Total 870 (delta 357), reused 825 (delta 312), pack-reused 0 (from 0)
Receiving objects: 100% (870/870), 4.74 MiB | 13.47 MiB/s, done.
Resolving deltas: 100% (357/357), done.
```

Then, you will need to cd into the CLSF directory and then cd into the client directory. There you will run npm install to install all the packages that are used in this application. Then run npm run dev.

```
varunfloppa@Varuns-MacBook-Pro client % npm run dev

> client@0.1.0 dev
> next dev --turbo

  ▲ Next.js 15.3.1 (Turbopack)
  - Local:      http://localhost:3000
  - Network:    http://10.0.0.250:3000

  ✓ Starting...
  ✓ Ready in 1177ms
  ○ Compiling /login ...
  ✓ Compiled /login in 4.5s
  Session persistence set to local.
```

Then copy and paste either link into your browser and there you will be able to run the app.